

Research Institute

Report of Accomplishments



2017

Beaumont
HEALTH

Report of Accomplishments Beaumont Health Research Institute

For more than 45 years, researchers at Beaumont have helped to bring new technologies, new treatments, and new medications into the practice of medicine, and have helped to move the standard of care forward to improve the safety and quality of medical care for patients locally, nationally, and internationally. The greatest reward from these achievements is the realization that patients' lives are improved and enriched because of the outstanding research carried out by Beaumont physicians, scientists and staff.

Outstanding biomedical research is a major component of the excellent reputation of Beaumont Health as an academic health system. The Board of Directors at Beaumont made a commitment several decades ago to strengthen Beaumont as an academic institution through growth and support of graduate medical education, the hiring of full time physicians with a history of excellence in research, and committed support of ongoing research activities of key programs. This commitment has helped to forge the reputation of Beaumont Health as a leading academic health system, with recognition by U.S. News and World Report, a distinction which places Beaumont in the forefront of medicine in the U.S.

With Beaumont Health's role as the health care affiliate with the Oakland University William Beaumont School of Medicine, our research activities, graduate medical education, and scholarly endeavors are even more important. Our Board of Directors and senior leadership have reaffirmed their commitment to this ongoing academic mission for Beaumont. Strong undergraduate medical education requires faculty committed to research and a broad, excellent program of graduate medical education. The ACGME (Accreditation Council on Graduate Medical Education) is steadily increasing the requirements for excellence in both faculty research achievement and resident/fellow research training in order to maintain full accreditation for residency and fellowship programs. The Board for Accrediting Level 1 Trauma Center status, presently achieved by Beaumont Royal Oak, now requires productivity of peer-reviewed publications in recognized journals by participating faculty. The LCME (Liaison Committee on Medical Education), the accrediting organization for medical schools in the U.S. and Canada, requires the presence of biomedical research activities that can provide basic, translational and population research opportunities for medical students. The OUWB medical school provides further impetus to enhance biomedical research at both Beaumont and Oakland University, to integrate research activities between the two institutions, and to initiate new programs, centers, and collaborative projects shared by both institutions. Beaumont and Oakland University already have several areas of long standing ongoing research collaboration.

Beaumont research is heavily oriented towards translational research, investigating new treatments, pharmaceuticals, medical devices, and scientific approaches aimed at enhancing the excellence and safety of patient care. Beaumont has a robust program of clinical research, numbering over 1,158 trials with over 10,363 registered research participants. Beaumont's clinical services are superb, providing the standard upon which new and innovative research is built. The volume of patients served at Beaumont, combined with the excellence of clinical care, provides a striking opportunity to develop new treatments. Moving forward, Beaumont Health and OUWB will build upon existing research strengths in nationally recognized clinical and translational programs, including Cardiovascular Medicine, Radiation Oncology, Urology, Orthopaedics, OB/GYN, Ophthalmology, Emergency Medicine and many others, to establish a new emphasis in population/community health and learning health system initiatives that will focus on improving health and healthcare delivery for our patients and communities.

We are proud to present this Report of Research Accomplishments. It highlights the depth and breadth of Beaumont's academic excellence, including our affiliation with OUWB. We extend our congratulations and appreciation to the many investigators who have contributed these extraordinary achievements.

Beaumont Research Institute

Fact Sheet – 2018

Beaumont Health, serving southern Michigan and beyond, recognizes the inherent value of research as a major contributing factor to future improvements in health care delivery and the health of our local and global communities. The Beaumont Research Institute (RI), established by the Board of Trustees in 1966, strengthens Beaumont's ability to conduct medical research and to provide research training for allied health and medical staff and participants in undergraduate and graduate medical education programs. Beaumont Health is a major teaching facility, with 79 accredited residency and fellowship programs involving 837 residents and 97 fellows, and 170 research staff.

Funding

2018 Research Institute actual operations
\$36.9M

External Sources of Research Funding

(2017 data)

▪ Commercial sponsors	32 %
▪ Federal sponsors	21 %
▪ Philanthropic sponsors	10 %
▪ Intellectual Property	37 %

Types of Research at Beaumont Health

(2017 percentage of expenses)

▪ Clinical Research	47 %
▪ Pre-clinical Research	53 %

External Research Funding by Service Line

(2017 data)

▪ Radiation Oncology	26 %
▪ Urology	10 %
▪ Hematology/Oncology	8 %
▪ Infectious Disease	6 %
▪ Orthopedics	6 %
▪ Emergency	5 %
▪ Cardiology	5 %
▪ OB/GYN	3 %
▪ Other (Various, Admin/Inv. IP Share)	31 %

Clinical Research

- 1,232 clinical studies
- 357 interventional studies
- 874 non-interventional studies
- 439 active principal investigators
- 5,021 registered research participants

Educational Opportunities for Research Staff

- 2-day orientation for new clinical research staff
- Animal use training
- On-line CITI human subjects protection training
- Online guidance/modules on initiating research
- Resident and Fellow Research Forum
- Seminar series and workshops

Support Staff Available

- Accounting / Contracting / Administrative
- Biostatisticians
- Commercialization Center
- Compliance Office
- Database Development
- Grant Development
- Human Resources
- Institutional Animal Care and Use Committee
- Institutional Biosafety Committee
- Institutional Review Board
- Outcomes Research Group
- Research Education

Support for the Research Institute

- AAALAC accredited animal facility
- AAHRPP accredited human research protection program
- Beaumont Research Coordinating Center for multicenter clinical trials
- BioBank/Erb Family Core Molecular Lab
- Flash CT scanner
- Fully equipped bench laboratories
- National Cancer Institute's Community Oncology Research Program (NCORP)
- Partnership with OUWB School of Medicine
- Proton Beam
- PET-CT and Biotracer

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BEAUMONT HOSPITAL
Royal Oak, Troy, Grosse Pointe

ANESTHESIOLOGY AND PERIOPERATIVE MEDICINE

Peer-Reviewed Articles:

Lau WC, Shannon F, Hanzel G, Sakwa M, Abbas A, Safian R, et al. Outcome-based cost analysis of transfemoral transcatheter aortic valve replacement using fascia iliaca compartment block and minimalist conscious sedation approach versus general anesthesia. J Am Coll Cardiol 2017;69:1330A.

Abstracts with Associated Research Presentations:

Lau WC, Shannon F, Hanzel GX, Sakwa M, Abbas AE, Safian R, et al. Outcome-based cost analysis of transfemoral transcatheter aortic valve replacement using fascia iliaca compartment block and minimalist conscious sedation approach versus general anesthesia. American College of Cardiology (ACC) Conference, Washington, DC, Convention Center, March 19, 2017.

Invited Research Presentations:

Lau WC. Anesthesia implication for optimentals approach for TF TAVR using conscious sedation with fascia iliaca block. Edwards TAVR Optimentals Training Program, Birmingham, MI, September 6, 2017. Annual Anesthesiology Symposium, William Beaumont Hospital, Troy, MI. September 16, 2017.

BIOBANK

Peer-Reviewed Articles:

Hothem Z, Bayci A, ***Thibodeau BJ**, ***Ketelsen BE**, ***Fortier LE**, Uzieblo AF, et al, [**Wilson GD**]. Using global gene expression to discriminate thin melanomas with poor outcomes. *Mol Cell Oncol*. 2017; 4(1). eCollection 2017.

Johnson M, Stone B, ***Thibodeau BJ**, Baschnagel AM, Galoforo S, ***Fortier LE**, et al, [***Ketelsen B**, ***Ahmed S**, **Wilson GD**]. The significance of Trk receptors in pancreatic cancer. *Tumor Biol*. 2017 Feb;39 (2).

Tonlaar N, Galoforo S, ***Thibodeau BJ**, ***Ahmed S**, Wilson TG, Yumpo Cardenas P, et al, [**Wilson GD**]. Antitumor activity of the dual PI3K/MTOR inhibitor, PF-04691502, in combination with radiation in head and neck cancer. *Radiother Oncol*. 2017 Sep;124(3):504-512.

Yilmaz A, **Geddes T**, Han B, Bahado-Singh RO, **Wilson GD**, Imam K, et al. Diagnostic biomarkers of Alzheimer's disease as identified in saliva using 1H NMR-based metabolomics. *J Alzheimer's Dis*. 2017 May 16; 58(2):355-359.

Abstracts with Associated Research Presentations:

Hauck C, ***Thibodeau B**, ***Ahmed S**, Johnson M, **Wilson GD**. Targeted DNA sequencing of non-small cell lung cancer identifies mutations associated with brain metastases. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Karabon R, **Shadaia S**, **Pruetz B**, Karabon P, **Geddes T**, ***Thibodeau BJ**, et al, [**Wilson GD**]. Factors influencing biorepository consent rates on varying neoplastic resections at a large community health system. 26th SOCRA Promoting Excellence in Clinical Research, Orlando, FL, October 6-8, 2017.

Quinn T, Galoforo S, Wilson T, ***Ahmed S**, **Wilson GD**. Dual EGFR and PI3k/mTOR targeting of head and neck cancer in combination with radiation. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Siddiqui Z, ***Thibodeau B**, ***Ahmed S**, Dekhne N, Benitez P, Amin M, et al, [**Wilson GD**]. Mutational landscape of radiation-induced angiosarcoma in breast cancer patients. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Invited Research Presentations:

Anyaiwe OED, Singh GB, **Wilson GD**, **Geddes T**. Weighted Manhattan distance classifier; SELDI data for Alzheimer's disease diagnosis. 2017 IEEE Congress on Evolutionary Computation (CEC), San Sebastián, Spain, June 5-8, 2017.

CARDIOVASCULAR DISEASE

Peer-Reviewed Articles:

Abbas AE, Khoury AR, Aggrawal A, Crile J, Lester SJ, *Boura J. A novel echocardiographic hemodynamic classification of heart failure based on stroke volume index and left atrial pressure. *Echocardiography*. 2017 Oct;34(10):1417-1425.

Abbas AE, Zacharias SK, Goldstein JA, Hanson ID, Safian RD. Invasive characterization of atherosclerotic plaque in patients with peripheral arterial disease using near-infrared spectroscopy intravascular ultrasound. *Catheter Cardiovasc Interv*. 2017 Sep 1;90(3):461-470.

Andreini D, Pontone G, Mushtaq S, Gransar H, Conte E, Bartorelli AL, et al, [**Chinnaiyan KM, Raff G**]. Long-term prognostic impact of CT-Leaman score in patients with non-obstructive CAD. *Int J Cardiol*. 2017 Mar 15;231:18-25.

Basir MB, Schreiber T, **Dixon SR**, Alaswad K, Patel K, **Almany S**, et al, [**Hanson I, Ashbrook M, Timmis S**]. Feasibility of early mechanical circulatory support in acute myocardial infarction complicated by cardiogenic shock: The Detroit cardiogenic shock initiative. *Catheter Cardiovasc Interv*, published online December 20, 2017.

Basir MB, Schreiber TL, Grines CL, **Dixon SR**, Moses JW, Maini BS, et al. Effect of early initiation of mechanical circulatory support on survival in cardiogenic shock. *Am J Cardiol*. 2017;119:845-851.

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Chaddha A, Jackson EA, Richardson CR, **Franklin BA**. Technology to help promote physical activity. *Am J Cardiol*. 2017;119(1):149-152.

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Chinnaiyan KM, Raff G. Machine learning for prediction of all-cause mortality in patients with suspected coronary artery disease: A 5-year multicenter prospective registry analysis. *Eur Heart J*. 2017 Feb 14;38(7):500-507.

Chinnaiyan KM, Weiner RB. Trials of quality improvement in imaging. *JACC Cardiovasc Imaging*. 2017 Mar;10(3):368-378.

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Cho I, Ó Hartaigh B, Gransar H, Valenti V, Lin FY, Achenbach S, et al, [**Chinnaiyan KM, Raff G**]. Prognostic implications of coronary artery calcium in the absence of coronary artery luminal narrowing. *Atherosclerosis*. 2017 Jul;262:185-190.

Dae M, O'Neill W, Grines C, **Dixon SR**, Erlinge D, Noc M, et al. Effects of endovascular cooling on infarct size in ST-segment elevation myocardial infarction: A patient-level pooled analysis from randomized trials. *J Interv Cardiol*, published online December 14, 2017.

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Franklin BA. Five surprising ways to prevent a heart attack: You can cut your risk in half. *BottomLine/Health*. 2017;31(11):1-3.

Franklin BA, Brinks J, Berra K, Lavie CJ, Gordon NF, Sperling LS. Using metabolic equivalents in clinical practice. *Am J Cardiol*, published online October 31, 2017.

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Goldstein JA. Hemodynamic guidance of mitral peri-valvular leak closure. The V is the Key. *Cath Cardiovasc Interv*. 2017;90:859-860.

Goldstein JA. Radiation attenuating hand cream: Better than bare. *Cath Cardiovasc Interv*. 2017;89:716-717.

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Harber MP, Kaminsky LA, Arena R, Blair SN, **Franklin BA**, Myers, et al. Impact of cardiorespiratory fitness on all-cause and disease-specific mortality: Advances since 2009. *Prog Cardiovasc Dis*. 2017;60(1):11-20.

Indik JH, Patton KK, Cohen MI, Dickfeld TML, **Haines DE**, Helm RH, et al. HRS clinical document development methodology manual and policies: Executive summary. *Heart Rhythm*. 2017; 14:e495-e500.

Jae SY, Babu AS, Yoon ES, Kurl S, Laukkanen JA, Cjpo YH, et al, [**Franklin BA**]. Impact of cardiorespiratory fitness and risk of systemic hypertension in nonobese versus obese men who are metabolically healthy or unhealthy. *Am J Cardiol*. 2017;120(5):765-768.

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Jae SY, Kurl S, Laukkanen JA, Yoon ES, Choi YH, Fernhall B, et al, [**Franklin BA**]. Relation of heart rate recovery after exercise testing to coronary artery calcification. *Ann Med*. 2017;49(5):404-410.

Kachur S, Chongthammakun V, Lavie CJ, De Schutter A, Arena R, Milani RV, et al, [**Franklin BA**]. Impact of cardiac rehabilitation and exercise training programs in coronary heart disease. *Prog Cardiovasc Dis*. 2017;60(1):103-114.

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***Khalili H**, Gentry RE, **Stevens MA**, **Almany SL**, Banerjee S, **Haines DE**, et al, [**Hanzel GS**]. Rapid and affordable 3-dimensional prototyping for left atrial appendage closure planning. *Circ Cardiovasc Interv.* 2017 Feb;10(2):e004710.

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Khoury AR, Kheder E, Yeow R, Ginoya Meka S, Yaldo O, **Abbas AE**. The impact of statin therapy on survival for in-hospital cardiac arrest. *J Investig Med.* 2017 Oct;65(7):e4.

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Lakshmanadoss U, **Wong WS**, **Kutinsky I**, Khalid MR, **Williamson B**, **Haines DE**. Figure-of-eight suture for venous hemostasis in fully anticoagulated patients after atrial fibrillation catheter ablation. *Indian Pacing Electrophysiol J.* 2017 Sep-Oct;17(5):134-139.

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Safian RD. CO₂ angiography: Colorless, odorless, but definitely not useless! *Catheter Cardiovasc Interv*. 2017 Sep 1;90(3):449-450.

Safian RD. Current approaches to retroperitoneal hemorrhage: Too little, too late. *Catheter Cardiovasc Interv*. 2017 Jul;90(1):112-113.

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Cardiovascular Disease

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Sukul D, Seth M, Schreiber T, **Hanzel G**, Khandelwal A, Cannon LA, et al. The comparative safety of abciximab versus eptifibatide in patients on dialysis undergoing percutaneous coronary intervention: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium (BMC2). *J Interv Cardiol*. 2017 Aug;30(4):291-300.

Williamson B, Gohn D, Ramza B, Singh B, Zhong Y, Li S, et al. Real-world evaluation of magnetic resonance imaging in patients with a magnetic resonance imaging conditional pacemaker system: Results of 4-year prospective follow-up in 2,629 patients. *JACC Clinical Electrophysiology*. 2017 Nov 7;3(11).

Xie JX, Eshtehardi P, Varghese T, Goyal A, Mehta PK, Kang W, et al, [**Chinnaiyan KM, Raff G**]. Prognostic significance of nonobstructive left main coronary artery disease in women versus men: Long-term outcomes from the CONFIRM registry. *Circ Cardiovasc Imaging*. 2017 Aug;10(8). pii: e006246.

Book Chapter or Full Book Publications:

Franklin BA. Actividad física y enfermedades cardiovasculares (Physical Activity and Cardiovascular Disease). In: Matsudo SMM, editor. *Actividad Física y Ejercicio en la Salud y en la Enfermedad*. Santiago, Chile: Mediterraneo, 2017. p.153-164.

Franklin BA, Dixon SR. *The heart healthy handbook*. Monterey, CA: Healthy Learning, 2017.

Goldstein JA. Restrictive cardiomyopathy. In: Crawford MH. *Current diagnosis & treatment cardiology*. 5th edition. New York: McGraw Hill Education, 2017. p.315-323.

Haines D. How to use the radiofrequency hot balloon for ablation of atrial fibrillation. In: Al-Ahmad A, Callans DJ, Hsia HH, Natale A, Osteroff O, Wang PJ, editors. *Hands-on ablation: the experts' approach*. 2nd edition. Minneapolis, MN: Cardiotext, 2017. p.181-188.

Cardiovascular Disease

Book Chapter or Full Book Publications: continued

Lester SJ, **Abbas AE**. Aortic stenosis. In: Crawford MH. Current diagnosis & treatment cardiology. 5th edition. New York: McGraw Hill Education, 2017. p.224-236.

Abstracts with Associated Research Presentations:

Basir M, Schrieber T, **Dixon SR**, Alaswad K, Patel K, **Almany S**, et al. Feasibility of early mechanical circulatory support in acute myocardial infarction complicated by cardiogenic shock. National Cardiogenic Shock Initiative (NCSI), Denver, CO, October 26, 2017.

Gordon NF, Salmon RD, Wright BS, Faircloth GC, Gordon TL, Hargrett M, et al, [**Franklin BA**]. Evaluation of the CardioSmart population health management initiative: Changes in health risks and participant satisfaction. American College of Cardiology 77th Annual Scientific Session & Expo, Washington, DC, March 17-19, 2017.

Goyal V, Ali-Ahmed F, **Patel M**, **Haines DE**, **Wong W**. Low flow, high power, short ablation duration: Is this the key to avoid collateral damage? Heart Rhythm. 2017; 14:S464. Heart Rhythm Society Scientific Sessions, Chicago, IL, May 12, 2017.

Graves C, Kong X, Haymart B, Barnes G, Froelich J, Kaatz, et al, [**Almany S**]. Prevalence and impact of non-major bleeding in a contemporary population of patients taking Warfarin. American College of Cardiology (ACC) Annual Scientific Meeting, Washington DC, March 17-19, 2017.

Jae SY, Kurl S, Laukkanen JA, Choi YH, **Franklin BA**. Association between cardiorespiratory fitness and indices of coronary artery calcification. European Society of Cardiology Congress 2017, Barcelona, Spain August 26-30, 2017. European Heart J. 2017 Aug;38(1):125.

Jae SY, Kurl S, Zaccardi F, Willeit P, Kunutsor S, Khan H, et al, [**Franklin B**]. Fitness, body mass index and the risk of sudden cardiac death in middle-aged men. European Heart J. 2017 38(1):258-259. European Society of Cardiology Congress 2017, Barcelona, Spain August 26-30, 2017. **Awarded: Best Poster**

Jae SY, Yoon ES, Bunsawat K, Fernhall B, Choi Y-H, **Franklin BA**. Association between serum uric acid and exaggerated blood pressure response to exercise in normotensive men. Pulse. 2017 5:76(P-44). The Pulse of Asia, Taipei, Taiwan, May 5-6, 2-017.

Lau WC, **Shannon F**, **Hanzel G**, **Sakwa M**, **Abbas A**, **Safian R**, et al, [**Hanson I**, **Almany S**, **Vivacqua A**]. Outcome-based cost analysis of transfemoral transcatheter aortic valve aortic valve replacement using fascia iliaca compartment block and minimalist conscious sedation approach versus general anesthesia. J Am Coll Cardiol 2017;69:1330A. American College of Cardiology (ACC) Conference, Washington, DC, March 19, 2017.

Perdoncin E, Seth M, Schrieber T, Khandelwal A, **Dixon SR**, Gurm H. Contemporary use and outcomes associated with rotational versus orbital atherectomy in percutaneous coronary interventions: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. National Cardiogenic Shock Initiative (NCSI), Denver, CO, October 26, 2017.

Cardiovascular Disease

Abstracts with Associated Research Presentations: continued

Schaefer J, Sood S, Haymart B, Gu x, Kline-Rogers E, **Almany S**, et al. A comparison of socioeconomic factors in patients continuing Warfarin versus those transitioning to direct oral anticoagulants for VTE or atrial fibrillation. American Society of Hematology (ASH) Annual Meeting and Exposition, Atlanta, GA, December 9-12, 2017.

Schreiber T, **Dixon SR**, **Almany S**, Hanson I, Oneill W, Basir M, et al. Feasibility of early mechanical circulatory support in acute myocardial infarction complicated by cardiogenic shock. Cardiovascular Research Foundation (CRF) Transcatheter Cardiovascular Therapeutics (TCT), Denver, CO, October 28-November 1, 2017.

Wei L, Shannon F, **Hanzel G**, Sakwa M, **Abbas A**, Safian R, et al, [**Almany S**]. Outcome based cost analysis of transfemoral transcatheter aortic valve replacement using fascia iliaca compartment block and minimalist conscious sedation approach versus general anesthesia. American College of Cardiology (ACC) Annual Scientific Meeting, Washington DC, March 17-19, 2017.

Invited Research Presentations:

Franklin BA. After athletics: Behavioral skills for winning in life. Starnier Distinguished Speaker Series, Kent State University, Kent, OH, April 30, 2017.

Franklin BA. Anti-aging effects of regular exercise and increased cardiorespiratory fitness. Pritikin Longevity Center, Doral, FL, March 23-26, 2017. Annual ACSM Health & Fitness Summit, San Diego, California, April 6-9, 2017. 29th Annual Beaumont (Troy) Medical Staff Symposium, Boyne Falls, MI, June 22-24, 2017. Health Alliance Plan, Heart Health Program for Seniors, Baker College, Clinton Township, MI, June 29, 2017.

Franklin BA. Cardiac rehabilitation and preventive cardiology. Sport ball, exercise demonstration. Shanghai Research Institute of Sports Science, Shanghai, China, July 21, 2017.

Franklin BA. Cardiorespiratory fitness, physical activity and cardiovascular health: Clarifying the risk-protection paradox. Southeast American College of Sports Medicine Annual Meeting, Greenville, SC, February 16-17, 2017. Annual ACSM Health & Fitness Summit, San Diego, California, April 6-9, 2017. Richard B. Parr Endowed Clinical Lecture, Central Michigan University, Mount Pleasant, MI, April 20, 2017. 45th Annual Midwest ACSM Annual Conference, Grand Rapids, MI, November 9-11, 2017. Beaumont 2nd Annual Cardiopulmonary and Physical Therapy Symposium, Royal Oak, MI, December 2, 2017.

Franklin BA. Discussant, case presentation. 29th Annual Michigan Chapter of the American College of Cardiology, Dearborn, MI, October 13-14, 2017.

Franklin BA. Enhancing the continuum of care through evidence-based practice: The case for cardiac rehabilitation. Medical Grand Rounds, Las Palmas Del Sol Healthcare Continuing Medical Education, Del Sol Medical Center, El Paso, TX, April 26, 2017.

Cardiovascular Disease

Invited Research Presentations: continued

Franklin BA. Extreme exercise and cardiovascular health. Cardiac rehabilitation: Part I. Cardiac rehabilitation: Part II. Sport ball, exercise demonstration. Cooper Clinic, Nanjing, China, July 16-19, 2017.

Franklin BA. Extreme exercise and cardiovascular health: Changing paradigms and perceptions. 9th Annual Beaumont Advances in Heart Disease Prevention and Rehabilitation Conference, Troy, MI, March 11, 2017. 64th Annual Meeting of the American College of Sports Medicine, Denver, CO, May 31-June 3, 2017. Beaumont Cardiology Grand Rounds, Royal Oak, MI, September 11, 2017. Cardiology Grand Rounds, Ascension Health, Providence Park Hospital, Southfield Campus, Southfield, MI, December 14, 2017.

Franklin BA. Extreme exercise and cardiovascular health. University of Michigan Family Medicine Grand Rounds series, Ann Arbor, MI, August 9, 2017. Beaumont Internal Medicine Grand Rounds, Royal Oak, MI, December 6, 2017.

Franklin BA. GPS for success: 10 behavior skills of highly successful people. 45th Annual Midwest ACSM Annual Conference, Grand Rapids, MI, November 9-11, 2017.

Franklin BA. Moving from our reactive 'sick care' model to proactive healthcare: Changing paradigms and perceptions. 64th Annual Meeting of the American College of Sports Medicine, Denver, CO, May 31-June 3, 2017.

Franklin BA. Obesity, physical activity, and cardiorespiratory fitness: Key roles in survival of the cardiovascular patient. Cardiometabolic University Meeting Program, Dallas, TX, December 3, 2017.

Franklin BA. Recent advances in preventive cardiology and lifestyle medicine. Southeast American College of Sports Medicine Annual Meeting, Greenville, SC, February 16-17, 2017. Invited lecturer, Pritikin Longevity Center, Doral, FL, March 23-26, 2017.

Franklin BA. Revitalizing exercise test interpretation: Beyond ST-segment depression. Emerging psychosocial risk factors in heart disease prevention and rehabilitation. Cardiorespiratory fitness as a predictor of surgical risk. Cardiac rehabilitation in modern cardiology: The underutilization paradox. Clinical exercise physiology: Understanding METs.....and much more. Recent advances in the primary and secondary prevention of cardiovascular disease. Extreme exercise and cardiovascular health: Changing paradigms and perceptions. Bogota University Hospital, Bogota, Columbia, August 23-29, 2017.

Franklin BA. Transforming ordinary people into extraordinary leaders: Key behavioral skills leaders learn along the way. 32nd AACVPR Annual Meeting, Charleston, SC, October 4-7, 2017.

Franklin BA. Transforming ordinary people into extraordinary leaders. Michigan Society for Respiratory Care, Fall Conference, Frankenmuth, MI, October 9, 2017.

Cardiovascular Disease

Invited Research Presentations: continued

Goldstein JA. Angiography alone is insufficient to guide PCI: The important role of direct coronary imaging in the interventional lab. 12th Interventional Congress on Coronary Artery Disease (ICCAD), Venice, Italy, October 15-17, 2017.

Goldstein JA. Diagnosis and treatment options for RV shock. Managing occupational hazards and burnout in the cath lab. Current state-of-the-art: Identification of vulnerable patients and plaques with non-invasive testing. Cardiovascular Research Foundation (CRF) Transcatheter Cardiovascular Therapeutics (TCT), Denver, CO, October 28-November 1, 2017.

Goldstein JA. Managing stress, fatigue and burnout in the Cath Lab. Society for Cardiovascular Angiography and Interventions (SCAI), New Orleans, LA, May 10-12, 2017.

Goldstein JA. RV failure and percutaneous support. Update on PFO. Scottsdale Interventional Forum (SIF), Scottsdale, AZ, March 8-11, 2017.

Goldstein JA. RV failure and percutaneous support. Henry Ford Hospital. "Live in the D" Symposium on mechanical support, Detroit, MI, June 2-3, 2017.

Goldstein JA. Vulnerable plaque by CT angiography. University of Florence Symposium. Florence, Italy, May 15, 2017.

Goldstein JA. Vulnerable plaque: Holy grail or fool's errand? Advanced Revascularization Chapter (ARCH), Percutaneous Cardiac and Peripheral Vascular Therapeutics, St. Louis, MO, April 20-21, 2017.

Safian R. Advances in cardiovascular imaging and intervention: CT and invasive FFR: All the same, or something different? Advances in Cardiovascular Imaging and Intervention, Troy, MI, October 5-8, 2017.

Safian R. Complex cardiovascular catheter (C3) therapeutics: Noninvasive FFRct: Planning for intervention. Heartflow Symposium, Orlando, FL, June 19-20, 2017.

Safian R. Occupational hazards of life in the cath lab. 26th Annual Cardiovascular Conference, Beaver Creek, CO, February 4-8, 2017.

Safian R. Out-of-hospital cardiac arrest: Who should go the the cath lab? 26th Annual Cardiovascular Conference, Beaver Creek, CO, February 4-8, 2017.

Safian R. Planning interventions using noninvasive FFRct. Cardiovascular Research Foundation (CRF) Transcatheter Cardiovascular Therapeutics (TCT), Denver, CO, October 28-November 1, 2017.

Safian R. Practical update in cardiology 2017: The dilated aortic root. Practical Update in Cardiology, Troy, MI, November 11, 2017.

Safian R. Preoperative cardiac risk assessment for non-cardiac surgery. 26th Annual Cardiovascular Conference, Beaver Creek, CO, February 4-8, 2017.

Cardiovascular Disease

Invited Research Presentations: continued

Safian R. Renal artery intervention: Radial versus femoral access tips and tricks. Cardiovascular Research Foundation (CRF) Transcatheter Cardiovascular Therapeutics (TCT), Denver, CO, October 28-November 1, 2017.

Website Contributions, Videoclips, or other Multi-Media Contributions:

Haines D. Core lectures in cardiology, web series, Dr. Uddon, WSU.

Non Peer-Reviewed Publications:

Hanzel G, Dixon SD, Goldstein JA. Prioritizing and combining therapies for heart failure. Interv Cardiol Clinics. 2017;6:465-480.

COLON and RECTAL SURGERY

Peer-Reviewed Articles:

Ibrahim M, Ogunleye F, Roye J, Yadav S, Townsel D, Yu Z, et al, [Wasvary H]. Representation of minorities and elderly in cancer clinical trials at a single institution-The William Beaumont Hospital experience. J Cancer Epidemiol Prev. 2017 2(1):1-7.

Ziegler M. VTE prophylaxis. ASCRS Online Learning Center, September 15, 2017.

Abstracts with Associated Research Presentations:

Baptiste D, Ziegler M, Wasvary H. Effect of an enhanced recovery after surgery (ERAS) protocol on hospital consumer assessment of healthcare providers and systems (HCAHPS) scores and patient outcomes in elective colorectal surgery. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017. Chicago Society of Colon and Rectal Surgeons, Chicago, IL, April 7, 2017.

Cooper J, Ziegler M, Riggs T, Hilli R, Chan J, Potkin S, et al, [Wasvary H]. Compliance to an enhanced recovery after surgery protocol results in decreased narcotic use for ileostomy reversal. Michigan Society of Colon and Rectal Surgeons Annual Meeting, Novi, MI, October 15, 2017.

Disbrow DE, Albright J, Seelbach C, Ferraro, J, Wu J, Bark K, et al, [Hain JM]. Statins mitigate the risk of sepsis and anastomotic leaks after colorectal surgery. The American Society of Colon and Rectal Surgeons Annual Meeting, Seattle, WA, June 12-14, 2017.

Hooda Z, Hain JM. Colitis cystica profunda with stomal occurrence. Michigan Society of Colon and Rectal Surgery Meeting, Michigan State Medical Society, Novi, MI October 26, 2017.

Hothem Z, Adeyemo A, Cirino J, Douglas J, Shellnut J, Wasvary H. Surgical outcomes between laparoscopic and robotic colon and rectal surgery: A single surgeons experience. The American Society of Colon and Rectal Surgeons Annual Meeting, Seattle, WA, June 12-14, 2017.

Morgan B, Hain JM. Spina bifida and surgical intervention for bowel dysmotility. Michigan Society of Colon and Rectal Surgery Meeting, MSMS, Novi, MI, October 26, 2017.

Shaffer K, Edwards C, Pelton J, Adeyemo A, Welsh R. Accuracy of the ACS NSQIP risk calculator in predicting outcomes for urgent colectomies. ACS Quality and Safety Conference, New York, NY, July 21-24, 2017.

DIAGNOSTIC RADIOLOGY and MOLECULAR IMAGING

Peer-Reviewed Articles:

Al-Katib S, Shetty M, Jafri SM, Jafri SZ. Radiologic assessment of native renal vasculature: A multimodality review. *Radiographics*. 2017 Jan-Feb;37(1):136-156.

Becker-Weidman DJ, Mahotra N, Reilly DF, **Selvam N**, Parker L, Nazarian LN. Imaging surveillance in patients after a benign fine-needle aspiration biopsy of the thyroid: Associated cost and incidence of subsequent cancer. *AJR Am J Roentgenol*. 2017 Feb;208(2):358-361.

***Chehab M, Zintsmaster S, Jafri SZ**, Richards M, **Roy A**. CT-guided transosseous soft tissue biopsy: Techniques, outcomes and complications in 50 cases. *Cardiovasc Intervent Radiol*. 2017 Sep;40(9):1461-1468.

Colvin RW, Al-Katib S, Ebersole J. Perforated Meckel's diverticulitis. *J Gastrointest Surg*. 2017 Dec;21(12):2126-2128.

***Copelan A, *Chehab M**, Brinjikji W, Wilseck Z, Kallmes DF, **Wilseck J**. Opercular index score: A CT angiography-based predictor of capillary robustness and neurological outcomes in the endovascular management of acute ischemic stroke. *J Neurointerv Surg*. 2017 Dec;9(12):1179-1186.

***Copelan AZ, Krishnan A**, Marin H, **Silbergleit R**. Dural arteriovenous fistulas: A characteristic pattern of edema and enhancement of the medulla on MRI. *AJNR Am J Neuroradiol*, published online December 7, 2017.

***Goncalves LF**, Berger JA, Macknis JK, Bauer ST, ***Bloom DA**. Grebe dysplasia: Prenatal diagnosis based on rendered 3-D ultrasound images of fetal limbs. *Pediatr Radiol*. 2017 Jan; 47(1):108-112.

***Hlubocky J, Bhavnagri S, Swinford A, Mitri C, Rebner M, Pai V.** Does the use of pretreatment MRI change the management of patients with newly diagnosed breast cancer? *Breast J*. 2017;00:1-5.

Kaur H, Muhleman MA, Balon HR. Complex regional pain syndrome diagnosed with three-phase bone scan. *J Nucl Med Technol*. 2017 Sep;45(3):243-244.

Kaur H, Muhleman M, Balon HR. Spleen uptake on a bone scan. *J Nucl Med Technol*. 2017 Sep;45(3).

Kaur H, Muhleman MA, Balon HR. Hypertrophic osteoarthropathy on bone scan. *J Nucl Med Technol*. 2017 Nov 10. pii: jnmt.117.199315.

Kaur H, Seitz J, Muhleman M, Cragg D, **Qing F**. Aortic root abscess clearly shown on 111-in-leukocyte scan but less obvious on transesophageal echocardiogram. *Clin Nucl Med*. 2017 Jul;42(7):e340-e342.

Diagnostic Radiology and Molecular Imaging

Peer-Reviewed Articles: continued

Kennedy AS, Ball D, Cohen SJ, Cohn M, Coldwell DM, Drooz A, et al, [**Savin MA**]. Baseline hemoglobin and liver function predict tolerability and overall survival of patients receiving radioembolization for chemotherapy-refractory metastatic colorectal cancer. *J Gastrointest Oncol*. 2017 Feb;8(1):70-80.

Kennedy A, Cohn M, Coldwell DM, Drooz A, Ehrenwald E, Kaiser A, et al, [**Savin MA**]. Updated survival outcomes and analysis of long-term survivors from the MORE study on safety and efficacy of radioembolization in patients with unresectable colorectal cancer liver metastases. *J Gastrointest Oncol*. 2017 Aug;8(4):614-624.

Kwon M, **Roberson J**, Leventhal J. Oral corticosteroids for acute lower respiratory infection: Are we ready to drop this practice? *J Clin Out Manage*. 2017 Oct;24(10):440-442.

Kwon M, **Roberson J**, Patel N. Inhaled corticosteroid plus long-acting beta-agonist for asthma: Real life evidence. *J Clin Out Manage*. 2017 Nov;24(11):496-498.

Narsinh KH, Van Buskirk M, Kennedy AS, Suhail M, Aisaikhan N, Hoh CK, et al, [**Savin MA**]. Hepatopulmonary shunting: A prognostic indicator of survival in patients with metastatic colorectal adenocarcinoma treated with 90Y radioembolization. *Radiology*. 2017 Jan;282(1):281-288.

Narsinh KH, Van Buskirk M, **Savin MA**, Kennedy AS, Rose SC. Lung shunting: An indicator of survival, but not necessarily a tool for selecting patients for radioembolization. Letter to the editor response. *Radiology*. 2017 Feb;282(2):612-613.

Otoupalova E, Blankenship L, Bazzi J, **Ardary CW**, Nguyen T, Momin F, Kelekar AK. A case report of renal artery thrombosis in a patient with occult neuroendocrine tumor. *Ann Hematol Oncol*. 2017;4(1):1133.

Scola D, ***Bahoura L**, ***Copelan A**, Shirkhoda A, **Sokhandon F**. Getting the GIST: A pictorial review of the various patterns of presentation of gastrointestinal stromal tumors on imaging. *Abdom Radiol*. 2017 May;42(5):1350-1364.

Sokhandon F. Oral contrast administration for abdominal and pelvic CT scan in emergency setting: Is there a happy medium? *Abdom Radiol*. 2017 Mar; 42(3):784-785.

Sokhandon F, **Al-Katib S**, ***Bahoura L**, ***Copelan A**, ***George D**, **Scola D**. Multidetector CT enterography of focal small bowel lesions: A radiological-pathological correlation. *Abdom Radiol*. 2017 May; 42(5):1319-1341.

Wiater MJ, Carpenter S, Koueiter DM, **Marcantonio D**, Wiater BP. Influence of body mass index on clinical outcomes in reverse total shoulder arthroplasty. *J Surg Orthop Adv*. 2017 Fall;26(3):134-142.

Diagnostic Radiology and Molecular Imaging

Book Chapter or Full Book Publications:

Silbergleit R, Ortiz AO. Pre- and periprocedural planning and patient management for spine or rib biopsies. In: Ortiz AO, editor. Image-guided percutaneous spine biopsy. Cham, Switzerland: Springer International Publishing, 2017; 1-13.

Hon M, **Silbergleit R**, Ortiz AO. Anticoagulation management. In: Ortiz AO, editor. Image-guided percutaneous spine biopsy. Cham, Switzerland: Springer International Publishing, 2017; 15-33.

Abstracts with Associated Research Presentations:

***Acho BA, Marcantonio DR, Nall C**. When it's not FAI: Other causes of hip pain found at MR/MR arthrography for evaluation of internal derangement or femoroacetabular impingement syndrome. Society of Skeletal Radiology Annual Meeting, Santa Barbara, CA, March 19-22, 2017.

***Acho BA, Nall C, Marcantonio DR**. Advanced imaging of common pediatric/adolescent MSK injuries and pathology: A review for the practicing radiologist and radiologist in training. Society of Skeletal Radiology Annual Meeting, Santa Barbara, CA, March 19-22, 2017.

Bassett M, Shetty M, Menias C, **Jafri SZ**. The urinary bladder: A multimodality review of uncommon pathology. Radiologic Society of North America (RSNA), Chicago, IL, November 26-December 1, 2017.

Bhatt M, Barry K, Wang AM, Silbergleit R, Donev K, Olson R. Common problem, uncommon location: MRI and pathologic correlation of an intradural pyogenic granuloma. American Society of Neuroradiology (ASNR) 55th Annual Meeting, Long Beach, CA, April 24-27, 2017.

Bhatt M, *Copelan A, Noujaim S, Junqueira P. Thinking outside the "voice" box: Laryngeal neoplasms beyond squamous cell carcinoma. American Society of Head and Neck Radiology (ASHNR) 51st Annual Meeting, Las Vegas, NV, September 16-20, 2017.

Bhatt M, Krishnan A. Spinal cord mimics of multiple sclerosis: Imaging techniques and pearls. American Committee for Treatment and Research in Multiple Sclerosis (ACTRIMS) Annual Meeting, Orlando, FL, February 23-25, 2017.

Bhatt M, Patel S, Noujaim S, Bhatt K, **Silbergleit R, Wang AM**, et al, [**Agrawal R**]. Between a rock and a neck space: Spectrum of pathologic calcifications of the soft neck tissue. American Society of Head and Neck Radiology (ASHNR) 51st Annual Meeting, Las Vegas, NV, September 16-20, 2017.

Bhatt M, Sutherland E, Shetty M, Basmaji C, Amin M, et al, [**Jafri SZ**]. Atypical causes of splenic hemorrhage and rupture. Society of Abdominal Radiology (SAR) Annual Scientific Meeting, Hollywood, FL, March 26-31, 2017.

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

Bhatt M, Wang AM, Krishnan A, Silbergleit R, Olson R, Cae N, et al, [***Welker K**]. Hidden in plain sight: Unusual case of medulloblastoma in an adult masquerading as subacute infarction with MRI and pathologic correlation. American Society of Neuroradiology (ASNR) 55th Annual Meeting, Long Beach, CA, April 24-27, 2017.

***Brandenburg S, Pai V, Bhavnagri S, Mitri C, Swinford A.** Incidence of mammographically-occult breast cancer detected by screening MRI in high risk women. 47th Annual Residents' and Fellows' Research Forum, Beaumont, Royal Oak, MI, May 23, 2017.

Carcano C, **Savin JH,** Burke W. Two types of unilateral absence of a pulmonary artery. Florida Radiological Society, Sarasota, FL, July 23, 2017.

Chehab M, Ciacci J, Handel J, Vartanian S, Kirsch M, Purushottam D, Savin MA. Moxifloxacin prophylaxis for patients undergoing radioembolization with a history of biliary colonization. 9th Annual Symposium on Clinical Interventional Oncology, Hollywood, FL, February 4-5, 2017.

***Choromanska A, Sutherland E, Al-Katib S.** Predictors of non-diagnostic US-guided biopsies of focal renal masses. 47th Annual Residents' and Fellows' Research Forum, Beaumont, Royal Oak, MI, May 23, 2017.

***Copelan A,** Petrossian R, **Tech K, Silbergleit R, Wang A, Barry K,** et al, [**Kazmierczak C, Krishnan A, Noujaim S, Patel S, Wilseck J, Mick J, Wong J**]. Imaging of tinnitus and sensorineural hearing loss: Less may be more. American Society of Neuroradiology (ASNR), Long Beach, CA, April 22-27, 2017.

***Copelan A, Tech K, Silbergleit R, Mezwa D, Kirsch M, *Bahoura L.** Routines are meant to be broken: Nonroutine communication standard compliance at a single institution. American College of Radiology (ACR) Annual Meeting, Washington, DC, May 21-27, 2017.

***Copelan A, Wilseck J,** Tardos R, Brinjikji W. Neurons over nephrons: Contrast induced nephropathy following CT perfusion for evaluation of acute ischemic stroke. Society of Neuroradiology (ASNR), Long Beach, CA, April 22-27, 2017.

Dabajeh M, Sutherland E, Tominna M, Tran K, Feraco D, Bassett M, et al. The effects of language on MRI acquisition time. Association of American Medical Colleges (AAMC) Integrating Quality Meeting, Chicago, IL, June 8-9, 2017.

Davis J, Sokhandon F, Krishnan A, *Copelan A, Kolderman N, *Bloom D. Educating pediatricians to increase ACR appropriateness criteria utilization. Society of Pediatric Radiology Annual Conference, Vancouver, BC, May 16-20, 2017.

Dixon C, Wang A, Tech K, Barry K, Krishnan A, et al, [**Silbergleit R, *Fox J**]. Magnetic resonance imaging (MRI) of the pituitary gland: Pathology and spectrum; common and uncommon findings with pitfalls. American Society of Neuroradiology (ASNR) 55th Annual Meeting, Long Beach, CA, April 22-27, 2017.

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

Faraj K, Dave CN, **Patel K**, Seifman B, **Vartanian S**, Frontera R, et al. Office based ultrasound guided renal mass biopsy for small renal masses performed in the office setting by urologists versus standard hospital setting: A comparison study. National Comprehensive Cancer Network 22nd Annual Conference, Orlando, FL, March 23-25, 2017.

Feraco D, Yadavalli S. Soft tissue abnormalities missed on musculoskeletal radiography: A pictorial essay. Association of University Radiologists (AUR), Hollywood, FL, May 8-11, 2017.

Fergus J, ***Chehab M, Ciacci J, Handel J, Vartanian S, Campbell J**, et al, [**Savin M**]. Etiology of hepatocellular carcinoma and overall survival of patients treated with yttrium-90 microspheres. 42nd Annual Society of Interventional Radiology, Washington, DC, March 4-9, 2017.

***Forsyth A, Al-Katib S, Cheti D, Hasbrook C, Kolderman N, Vartanian SA**. Effect of needle gauge on rates of pneumothorax and diagnostic adequacy in CT-guided percutaneous lung biopsies. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 2017.

Friedlander J, Barry K, Junqueira P, **Noujaim S, *Welker K, *Fox J**, et al, [**Wang AM, Krishnan A, Silbergleit R, *Kramer J**]. MRI of the brachial plexus. American Society of Head and Neck Radiology (ASHNR) 51st Annual Meeting, Las Vegas, NV, September 16-20, 2017.

***Gupta G, *Reis S, Krauss J, Al-Katib S, Farah M**. The thoracic radiologist's guide to the breast. 4th World Congress of Thoracic Imaging, Boston, MA, June 18-21, 2017.

Hasbrook C, Wang AM, Friedlander J, Barry KA. Pathology of the conus medullaris. American Society of Spine Radiology Annual Meeting, San Diego, CA, February 23-26, 2017.

Kaur H, Muhleman M, Gupta A, Balon HR. Applications of Tc-99m sestamibi: Cardiac imaging and beyond. Society of Nuclear Medicine and Medical Imaging Annual Meeting, Denver, CO, June 10-14, 2017.

Kaur H, Muhleman M, Wu D. Non-invasive diagnosis of acute interstitial nephritis diagnosed using planar and SPECT gallium-67 imaging. Society of Nuclear Medicine and Medical Imaging Annual Meeting, Denver, CO, June 10-14, 2017.

Kennedy AS, Cohn M, Coldwell DM, Drooz A, Ehrenwald E, Kaiser A, et al, [**Savin MA**]. Unresectable colorectal cancer liver metastases treated with radioembolization: Updated survival analysis of the MORE study. ASCO Gastrointestinal Cancers Symposium San Francisco, CA, January 19-21, 2017.

Kolderman N, Davis, J, *Copelan A, *Zaki M, *Thottakara P, Sokhandon F. Value of multidisciplinary lecture series in appropriate use of imaging studies. American College of Radiology (ACR) Annual Meeting, Washington, DC, May 21-27, 2017.

Krauss J, Krishnan A. My child's forehead is swollen: It's not just frontal sinusitis: A review of conditions that cause swelling or masses in the frontal region. American Society of Head and Neck Radiology (ASHNR) 51st Annual Meeting, Las Vegas, NV, September 16-20, 2017.

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

Krauss J, Noujaim S. Imaging diagnosis of common pediatric solid masses: A practical approach. Society of Neuroradiology (ASNR), Long Beach, CA, April 22-27, 2017.

Lanni T, Stevens C, Welsh R, Keena D, Akhtar D, **Mezwa DG.** The effect of positive lung-rads results in a lung cancer screening: The Beaumont health experience. American Society for Radiation Oncology (ASTRO) 59th Annual Meeting, San Diego, CA, September 24-27, 2017.

Mercado-Alamo A, Golenbiewski J, **Roberson J,** Nercessian B. Central nervous system vasculitis? Better reverse the course. American College of Physicians (ACP) Michigan Chapter Meeting, Troy, MI, April 2017.

Mettler J, Shetty M, Menias C, Amendola MA, **Jafri SZ.** More than masses: The many faces of renal calcifications. Radiologic Society of North America (RSNA), Chicago, IL, November 26-December 1, 2017. **Awarded: Certificate of Merit.**

Muhleman M, Kaur H, Palka J. The value of Tc99m-MDP bone scan and SPECT-CT in the diagnosis of metastatic carcinoid rectal cancer with hypoglossal nerve palsy. Society of Nuclear Medicine and Medical Imaging Annual Meeting, Denver, CO, June 10-14, 2017.

Muhleman M, Kaur H, Patel M, **Rydberg J.** The value of F-18 FDG PET/CT scan in the diagnosis of infection of unknown origin in a patient with aortic valve replacement. Society of Nuclear Medicine and Medical Imaging Annual Meeting, Denver, CO, June 10-14, 2017.

Muhleman M, Kaur H, Wu D. Utility of using differences in metabolic volumes for the evaluation of lung nodules on F-18 FDG PET-CT early and delayed images. Society of Nuclear Medicine and Medical Imaging (SNMMI) Mid-Winter Meeting, Phoenix, AZ, January 19-22, 2017.

Patel K, Wilseck J, Krishnan A, Silbergleit R. Spectrum of chordomas and their mimics. American Society for Spine Radiology Annual Meeting, San Diego, CA, February 23-26, 2017.

Patel K, Wilseck J. Spit it out! Review of benign and malignant salivary gland neoplasms. American Society of Head and Neck Radiology (ASHNR) 51st Annual Meeting, Las Vegas, NV, September 16-20, 2017.

***Ries S, Al-Katib S, *Gupta G.** Improving radiologists' performance in diagnostic breast disease on CT: Identifying diagnostic pearls and pitfalls. 47th Annual Residents' and Fellows' Research Forum, Beaumont, Royal Oak, MI, May 23, 2017.

Savin JH, Savin MA. Acute thrombosis in large venous spaces: Mechanical thrombectomy with a 15mm rotational thrombectomy device. Society of Interventional Radiology Annual Scientific Meeting, Washington, DC, March 4-9, 2017.

Selvam N, Doshi S, Patel Z. Ultrasound diagnosis of common musculoskeletal injuries in the emergency room setting. American Society of Emergency Radiology, Toronto, ON, September 6-9, 2017.

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

***Smillie R, Al-Katib S.** Analysis of thyroid nodules reported as follicular lesion of undetermined significance following fine-needle aspiration biopsy. 47th Annual Residents' and Fellows' Research Forum, Beaumont, Royal Oak, MI, May 23, 2017.

Sousaris N, Habra G. MRI imaging of thigh abnormalities: A comprehensive evaluation. International Skeletal Society Annual Meeting, New York, NY, August 28-September 1, 2017.

Sura K, Olariu E, Grills IS, **Tech K, Krishnan A, Wang AM**, et al. Limitations of MR perfusion for predicting tumor progression after radiosurgery for brain metastases. Radiologic Society of North America (RSNA), Chicago, IL, November 26-December 1, 2017.

Tominna, M, Yadavalli S. Review of abdominal and pelvic hernias: A pictorial essay. Association of University Radiologists (AUR), Hollywood, FL, May 8-11, 2017.

Yadavalli S, Selvam N. Evaluation of shoulder pain: Beyond internal derangement. International Skeletal Society Meeting, New York, NY, August 28-September 1, 2017.

Zintsmaster S, Noujaim S. Imaging of common pediatric cystic neck masses: A practical approach. American Society of Head and Neck Radiology 51st Annual Meeting, Las Vegas, NV, September 16-20, 2017.

Invited Research Presentations:

Savin MA. Invited Moderator: Scientific Session: IO: Radioembolization II. Society of Interventional Radiology Annual Scientific Meeting, Washington DC, March 4-9, 2017.

Website Contributions, Videoclips, or other Multi-Media Contributions:

Patel K, Colvin R. Renal artery stenosis. Society of Interventional Radiology. Medical Student Council - Introduction to IR series. <http://rfs.sirweb.org/medical-student-section/explore-ir/renal-artery-stenosis-ras/>, April 1, 2017.

Non Peer-Reviewed Publications:

Savin MA. Invited Lecture. Radioembolization of liver malignancies. Interventional Radiology Symposium for Medical Students. Beaumont Health, Royal Oak, MI, March 2017.

EMERGENCY MEDICINE

Peer-Reviewed Articles:

Beaudoin FL, Gutman R, Merchant RC, Melissa CA, **Swor RA**, Jones JS, et al. Persistent pain after motor vehicle collision: Comparative effectiveness of opioids versus non-steroidal anti-inflammatory drugs prescribed from the emergency department: A propensity matched analysis. *Pain*. 2017 Feb;158(2):289-295.

Burks CE, Jones CW, Braz VA, **Swor RA**, Richmond NL, Hwang KS, et al. Risk factors for malnutrition among older adults in the emergency department: A multicenter study. *J Am Geriatr Soc*. 2017 Aug;65(8):1741-1747.

Debaty G, Labarere J, Frascone RJ, **Swor RA**, et al. Long-term prognostic value of gasping during out-of-hospital cardiac arrest. *J Am Coll Cardiol*. 2017;70(12):1467-1476.

Feinberg RK, Hu J, Weaver MA, Fillingim RB, **Swor RA**, Peak DA, et al. Stress-related psychological symptoms contribute to axial pain persistence after motor vehicle collision: Path analysis results from a prospective longitudinal study. *Pain*. 2017 Apr;158(4):682-690.

Goble M, Avula S, Duquette D, Gillary R, Fosse G, **Swor RA**, et al. Sudden cardiac arrest preparedness in Michigan: Partnering with project ADAM to develop a HEART safe schools state model. *Progress in Pediatric Cardiology*. 2017;45:43-48.

Harrison NE, Gottlieb M. Comparison of fresh frozen plasma with prothrombin complex concentrate for Warfarin reversal. *Ann Emerg Med*. 2017 Jun;69(6):777-779.

Kleinman ME, Goldberger ZD, Rea T, **Swor RA**, et al. 2017 American Heart Association focused update on adult basic life support and cardiopulmonary resuscitation quality: An update to the American Heart Association Guidelines for Cardio Pulmonary Resuscitation and Emergency Cardiovascular Care. *Circulation*, published online November 6, 2017.

Kowalenko T, Heller BN, Strauss RW, et al. Initial validity analysis of the American Board of Emergency Medicine enhanced oral examination. *Acad Emerg Med*. 2017;24(1):125-129.

Linnstaedt SD, Walker MG, Riker KD, Nyland JE, Hu JM, Rossi C, et al, [**Swor RA**]. Genetic variant rs3750625 in the 3'UTR of ADRA2A affects stress dependent acute pain severity after trauma and alters a microRNA-34a regulatory site. *Pain*. 2017 Feb;158(2):230-239

Mallat S, Jurjus A, Bou Assi T, Jurjus A, **Shams A**, El Sayegh S, et al. Markers of arterial stiffness in a sample of Lebanese subjects with grade I essential hypertension. *SAGE Open Medicine*. 2017 Jun7;5:205031211771288.

Marco CA, Nelson LS, Baren JM, **Kowalenko T**, et al. American Board of Emergency Medicine report on residency and fellowship training information. *Ann Emerg Med*. 2017;69(5):640-652.

Marty FM, Vidal-Puigserver J, **Clark CL**, Gupta SK, Merino E, Garot D, et al. Intravenous Zanamivir or Oral Oseltamivir for hospitalized patients with influenza: An international, randomized, double-blind, double-dummy, phase 3 trial. *Lancet Respir Med*. 2017 Feb; 5(2):135-146.

Emergency Medicine

Peer-Reviewed Articles: continued

Menoch M, Simon HK, Hirsh D, Shim Y, Baxter AL, Clifton M, et al. Imaging for suspected appendicitis: Variation between academic and private practice models. *Pediatr Emerg Care*. 2017 Mar;33(3):147-151.

Milling TJ Jr, **Clark CL**, Feronti C, Song SS, Torbati SS, Fermann GJ. Management of factor Xa inhibitor-associated life-threatening major hemorrhage: A retrospective multi-center analysis. *Am J Emerg Med*. 2017 Aug 19; pii: S0735-6757(17)30691-5.

Mitzman J, King AM, Fastle RK, Hopson LR, Hoyle JD, **Levasseur KA**, et al, [**Shah PG**]. A modified Delphi study for development of a pediatric curriculum for emergency medicine residents. *AEM Education and Training*. 2017 Apr;1(2):140-150.

Nguyen DK, Fleischman RJ, Friedlander S, Zangwill KM. Epidemiology of admissions from the emergency department among febrile infants younger than 90 days in the United States, 2002 to 2012. *Pediatr Emerg Care*, published online September 5, 2017.

Nicks BA, Shah MN, **Bastani A**, Baugh CW, Caterino JM, **Clark CL**, et al. Minimizing attrition for multi-site emergency care research. *Acad Emerg Med*. 2017 Apr;24(4):458-466.

Nishijima DK, Lin AL, Weiss RE, Yagapen AN, Malveau SE, Adler DH, et al, [**Bastani A, Clark CL**]. ECG predictors of cardiac arrhythmias in older adults with syncope. *Ann Emerg Med*. 2017 Dec 21;pii:SO196-0644(17)3:1902-9.

Platts-Mills TF, Nebolisa BC, Flannigan SA, Richmond NL, Domeier RM, **Swor RA**, et al. Post-traumatic stress disorder among older adults experiencing motor vehicle collision: A multicenter prospective cohort study. *Am J Geriatr Psychiatry*. 2017 Sep;25(9):953-963.

Pressman A, Sawyer KN, ***Devlin W, Swor RA**. Association between percutaneous hemodynamic support device and survival from cardiac arrest in the state of Michigan. *Am J Emerg Med*. 2017 Oct 17;pii:S0735-6757(17)30840-9.

Rafique Z, Kosiborod M, **Clark CL**, Singer AJ, Turner S, Miller J, et al. Study design of real world evidence for treatment of hyperkalemia in the emergency department (REVEAL-ED): A multicenter, prospective, observational study. *Clin Exp Emerg Med*. 2017 Sep 30;4(3):154-159.

Rezaee ME, Ward CE, Nuanez B, Rezaee DA, **Ditkoff J**, Halalau A. Examining 30-day COPD readmissions through the emergency department. *Int J Chron Obstruct Pulmon Dis*. 2017 Dec 27;13:109-120.

Richmond NL, Meyer ML, Hollowell AG, **Swor RA**, et al. Social support and pain outcomes after trauma exposure among older adults: A multicenter longitudinal study. *Clin J Pain*. 2017 Sep 14. 34(4):366-374.

Schneider M, **Levasseur K**. Young infant with vomiting. *Ann Emerg Med*. 2017;69(5):576-631.

Seltzer M, **Menoch M**, Chen C. Opportunistic screening for exposure to bullying in the pediatric emergency department. *Glob Pediatr Health*. 2017;4:2333.

Emergency Medicine

Peer-Reviewed Articles: continued

Steffens C, Clement B, Fales W, Chehade AEH, Putman K, **Swor RA**. Evaluating the cost and utility of mandating schools to stock epinephrine auto-injectors. *Prehosp Emerg Care*. 2017;21(5):563-566.

Stroupe KT, Smith BM, Bailey L, **Adas J**, et al. Medication acquisition by veterans dually eligible for Veterans Affairs and Medicare Part D pharmacy benefits. *Am J Health Syst Pharm*. Feb 2017;74(3):140-150.

Swor RA, Qu L, Putman K, et al. Challenges of using probabilistic linkage methodology to characterize post-cardiac arrest care in Michigan. *Prehosp Emerg Care*. 2017:1-6.

Traylor S, Bastani A, Butris-Daut N, et al. Are three ports better than one? An evaluation of flow rates using all ports of a triple lumen central venous catheter in volume resuscitation. *Am J Emerg Med*. 2017 Oct 4;pii:S0735-6757(17)30802-1.

Volz NB, **Fringer R, Walters B, Kowalenko T**. Prevalence of horizontal violence among emergency attending physicians, residents, and physician assistants. *West J Emerg Med*. 2017 Feb;18(2):213-218.

Wakai A, Lawrenson JG, Lawrenson AL, Wang Y, Brown MD, Quirke M, et al, [**Harrison N**]. Topical non-steroidal anti-inflammatory drugs for analgesia in traumatic corneal abrasions. *Cochrane Database Syst Rev*. 2017 May 18;5:CD009781.

Xiao J, Hamera JA, Hutchinson CH, Berger DA. Bilateral posterior native hip dislocations after fall from standing. *Clinical Practice and Cases in Emergency Medicine*. 2017 Oct;1(4).

Zanyk-McLean K, Sawyer KN*, **Paternoster R**, Shievitz R, **Devlin W, Swor RA**. Time to awakening is often delayed in patients who receive targeted temperature management after cardiac arrest. *Ther Hypothermia Temp Manag*. 2017;7(2):95-100.

Abstracts with Associated Research Presentations:

Akram A, **Anderson W, Bastani A**. Level III trauma activation: A resource efficient way to improve geriatric head trauma metrics. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Bastani A. Cost effectiveness analysis of physician in triage at a community hospital emergency department. American College of Emergency Physicians (ACEP) Research Forum, Washington DC, October 29-31, 2017.

Bastani A. Presentation and treatment of patients with active cancer presenting to the emergency departments of the comprehensive Oncologic Emergencies Research Network (CONCERN-1). Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Emergency Medicine

Abstracts with Associated Research Presentations: continued

Bastani A. The gold card: A novel dispatch process to guarantee timely specialist followup. American College of Emergency Physicians (ACEP) Research Forum, Washington DC, October 29-31, 2017.

Bastani, A, Bozyk P, Sefa N, Anderson W. Moving beyond systemic inflammatory response syndrome (SIRS): Deriving and validating a severe sepsis/septic shock best practice alert. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Burla M, Berger D. An assessment of computerized tomography utilization in the emergency department in the setting of blunt abdominal trauma. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Burla M, Ditkoff J, Berger D. An assessment of length of stay in blunt abdominal trauma patients in the emergency department. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Caterino J, **Bastani A.** Presentation and treatment of patients with active cancer presenting to the emergency department of the CONCERN Network. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Clark CL, Shams AH, Chang A, Fermann GJ, Hiestand BC, Kea B, et al, [**Bastani A**]. D-dimer in hospitalized acutely ill adults and current trends in venous thromboembolism: Analysis of the DAMIACT study by age. American College of Emergency Physicians Scientific Assembly, Washington DC, October 30-November 2, 2017.

Clark, CL, Shams AH, Chang A, Fermann GJ, Hiestand BC, Kea B, et al, [**Bastani A**]. D-dimer in acutely ill adults and current thromboprophylaxis: A multicenter observational study evaluating the prevalence of elevated D-dimer in acutely ill, hospitalized adults and current thromboprophylaxis trends: International Society of Thrombosis and Haemostasis Transcending Scientific Boundaries, Berlin, West Germany, July 8-13, 2017.

Gupta A. A utility of performing serum glucose measurement and electrocardiogram (EKG) in the outpatient evaluation of pediatric syncope. American Academy of Pediatrics (AAP), Bethesda, MD, April 24-26, 2017.

Harrison N. The increasing practice of whole body CT scanning in blunt abdominal trauma. American College of Emergency Physicians (ACEP) Research Forum, Washington DC, October 29-31, 2017.

Harrison N. Wide variation in whole body CT utilization despite lack of mortality benefit. American College of Emergency Physicians (ACEP) Research Forum, Washington DC, October 29-31, 2017.

Heron L, Shah P, Turner-Lawrence D. Non-emergency medicine residents: Creating an efficient workforce. Council of Emergency Medicine Residency Directors (CORD) Annual Meeting, Fort Lauderdale, FL, April 28, 2017.

Emergency Medicine

Abstracts with Associated Research Presentations: continued

Jones G. Straight back triage in a pediatric emergency department: Does it impact quality metrics? Pediatric Academic Societies (PAS) Meeting, San Francisco, CA, May 6-9, 2017.

Jones G, Levasseur K, Menoch M. Tachycardia in a febrile 2-year-old, photo display. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Jones G, Menoch M, Levasseur K. Impact of a straight back triage process in a pediatric emergency department. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Milling TJ, **Clark CL**, Feronti C, Song SS, Torbati SS, Fermann GJ, et al. Management strategies of patients receiving fxa inhibitors or LMWH admitted for ICH. Society of Critical Care Medicine, Honolulu, HI, January 21-27, 2017. World Intercranial Hemorrhage Conference (WICH), Boston, MA, May 1-3, 2017.

Milling TJ, Feronti C, **Clark CL**, Song SS, Torbati SS, Fermann GJ, et al. Treatment patterns and outcomes of patients receiving direct oral anticoagulants or low molecular weight heparin who experienced life-threatening intracranial hemorrhage. 69th American Academy of Neurology Annual Meeting, Boston, MA, April 22-28, 2017.

Mitra A, Patel V. TPA-induced angioedema in ischemic stroke patient. American College of Chest Physicians Annual Meeting, Toronto, Canada, October 28-November 1, 2017.

Moore JC, Brukhart N, Aufderheide TP, **Swor RA.** Survival with favorable neurological function decreases after 15 minutes of CPR in a non-linear manner in patients with out of hospital cardiac arrest. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Otero RM, Long BS, Sozener, Bassin B, Gunnerson K, Cranford J. Impact of an emergency critical care unit on the disposition of critically ill toxicology patients. Crit Care Med. 2017 44(12) Suppl 1;874:294. 46th Critical Society for Care Congress, Honolulu, HI, January 21-25, 2017.

*Patel F, **Levasseur K, Menoch M.** Emergency medical services treatment protocols for children: Utilization and adherence in practice. Pediatric Academic Society Annual Meeting, San Francisco, CA, May 6-9, 2017.

Rafique Z, Kosiboraod M, **Clark CL**, Singer A Miller J, et al. EKG changes are not reliably associated with hyperkalemia or its severity. American College of Emergency Physicians (ACEP) Research Forum, Washington DC, October 29-31, 2017.

Rafique Z, Kosiboraod M, **Clark CL**, Singer A, Miller J, et al. Electrocardiogram changes in patients with acute and chronic hyperkalemia. American College of Emergency Physicians (ACEP) Research Forum, Washington DC, October 29-31, 2017.

*Sefa N, Jandu S, *Sawyer KH, **Swor RA.** Electrocardiographic changes in patients undergoing therapeutic hypothermia. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Emergency Medicine

Abstracts with Associated Research Presentations: continued

Swor RA, Berger D, Otero RD, Reynolds JJ. Will extending time to neuroprognostication improve outcomes after cardiac arrest. American Heart Association Resuscitation Science Symposium, Anaheim CA, November 11-13, 2017.

Traylor S, Todd B, Heron L, Turner-Lawrence D. Navigating decision overload: An algorithm for maintaining resident organization and efficiency in the ED. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Xi M, **Berger D**, *Sawyer K. Absence of the "weekend effect" on pulmonary embolism mortality: A closer look using severity stratification. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Orlando FL, May 16-19, 2017.

Xiao J, Shah P, Todd B. How common are cognitive errors in cases presented at emergency medicine resident morbidity and mortality conferences. American College of Emergency Physicians (ACEP) Research Forum, Washington DC, October 29-31, 2017.

Website Contributions, Videoclips, or other Multi-Media Contributions:

Burla M, Turner-Lawrence DE. EM mindset: Physician wellness: A resident's perspective on surviving in the ED. *emDocs*, August 8, 2017.

Levasseur K, Turner-Lawrence DE. Difficulty breathing with a rash: A pediatric simulation case for residents and fellows, *Med Ed Portal*, April 2017.

Seltzer M, **Menoch M**, Chen C. Opportunistic screening for exposure to bullying in the pediatric emergency department. *Glob Pediatr Health*. 2017 Jun 21;4:2333794X17714377.

Xiao J, Brackney A. Ultrasound: TAPSE and RV strain [Web log post]. *Beaumont EM Resident Blog*. June 16, 2017. <https://beaumontem.wordpress.com/2017/06/16/ultrasound-tapse-and-rv-strain/>

Xiao J, Todd B. Multiple myeloma emergencies. *emDocs*. August 29, 2017. <http://www.emdocs.net/multiple-myeloma-emergencies/>.

Non Peer-Reviewed Publications:

Michelle A, **Clark C.** Deep venous thrombosis, observation medicine: Principals and protocols, 1st ed, Mace Sharon (Ed), Wiener, ISBN978-1107022348, Cambridge Press, April 2017.

FAMILY MEDICINE

Peer-Reviewed Articles:

Eckleberry-Hunt J, Kirkpatrick, H, **Hunt RB**. Self-report study of predictors of physician wellness, burnout and quality of patient care. South Med J. 2017 Apr; 110(4):244-248.

Lick D, Abdel-Aty K, Diaz D, Dulku J, Lochub S, Mir K, et al, [**Ricketts R**]. Pre- participation sports physicals: A comparison of single provider and station-based models. Clin J Sport Med, published online July 11, 2017.

Book Chapters or Full Book Publications:

Eckleberry-Hunt J, Kirkpatrick H, **Hunt RB**. Physician burnout and wellness. In: Brower KS, Riba MB, editors. Physician mental health and well-being: Research and practice. Cham, Switzerland: Springer; 2017. p. 3-32. Integrating psychiatry and primary care series.

Invited Research Presentations:

Graham T, **Lick D**, Maier R, Walters E. Developing faculty educators: Using the STFM residency faculty fundamentals certificate program to empower your faculty. American Academy of Family Physicians Program Directors Workshop, Kansas City, MO, March 24-26, 2017.

Hillenberg JB, Mulhem E. The chronic pain medical neighborhood: Integrating primary and specialty care. Midwest Pain Society Annual Meeting, Chicago, IL, October 27-28, 2017.

Lick D. Does vitamin C consumption slow the progression of cataracts? Michigan Research Day XL, Howell, MI, May 25, 2017.

Plegue M, McKee M, Schleicher L, Kileny P, **Mulhem E**, Sen A, et al. Early auditory referral – primary care (EAR-PC): Initial results. North American Primary Care Research Group Annual Meeting, Montreal, Canada, November 17-21, 2017.

Non Peer-Reviewed Publications:

Mulhem E. What are the benefits and harms of different intravenous fluid regimens in children with acute bacterial meningitis? Cochrane Clinical Answers, 2017.

Mulhem E. How does needle aspiration compare with incision and drainage for treatment of peritonsillar abscess? Cochrane Clinical Answers, 2017.

Mulhem E. What are the effects of vilanterol added to fluticasone furoate for people with asthma? Cochrane Clinical Answers, 2017.

Mulhem E. What are the benefits and harms of vitamin D for people with asthma? Cochrane Clinical Answers, 2017.

Family Medicine

Non Peer-Reviewed Publications: continued

Mulhem E. For women undergoing assisted reproduction for subfertility, what are the effects of antioxidants. Cochrane Clinical Answers, 2017.

Mulhem E. What are the benefits and harms of routine oro/nasopharyngeal suction at birth in term infants? Cochrane Clinical Answers, 2017.

Mulhem E. How does surgical management compare with thoracostomy draining in people with pleural empyema? Cochrane Clinical Answers, 2017.

Mulhem E, Burch J. How does umeclidinium compare with placebo for people with chronic obstructive pulmonary disease (COPD)? Cochrane Clinical Answers, 2017.

Shammami A (Editor), Elder B, **Hunt R, Kline E, Lackman-Zeman L,** Ottoni K. Substance use disorders (Policy #277). American Academy of Family Physicians Curriculum Guideline on Substance Use Disorders, 2017.

Lick D. Residency Faculty Fundamentals Certificate Program. Society of Teachers of Family Medicine. 1st Edition. 2017.

Lick D. ACGME program requirements, residency faculty fundamentals certificate program. Society of Teachers of Family Medicine. 1st Edition. 2017.

Lick D. Understanding curriculum development, residency faculty fundamentals certificate program. Society of Teachers of Family Medicine. 1st Edition. 2017.

Lick D. Assessment and evaluation, residency faculty fundamentals certificate program. Society of Teachers of Family Medicine. 1st Edition. 2017.

SUBSPECIALTY DIVISIONS OF INTERNAL MEDICINE

ALLERGY

GASTROENTEROLOGY and HEPATOLOGY

GENERAL INTERNAL MEDICINE

GERIATRICS

HEMATOLOGY / ONCOLOGY

INFECTIOUS DISEASES

NEUROLOGY

NUTRITION and PREVENTIVE MEDICINE

ALLERGY and IMMUNOLOGY

Peer-Reviewed Articles:

Lauter CB. Adult immunizations and the corner drugstore. *Infectious Diseases in Clinical Practice.* 2017 Jan 25(1):3-4.

Abstracts with Associated Research Presentations:

Lauter CB. Darier Disease complicated by chickenpox. American College of Physicians (ACP) Residents Day, Michigan Chapter, Sterling Heights, MI, May 5, 2017.

Lauter CB. Eosinophilic myocarditis: A rare hypersensitivity reaction to Mesalamine, American College of Physicians (ACP) Michigan Chapter Meeting, Traverse City, MI, October 20-22, 2017.

Kalisiewicz D, Pang Y, Bajrovic V, **Lauter CB.** Eosinophilic myocarditis: A rare hypersensitivity reaction to mesalamine. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

GASTROENTEROLOGY and HEPATOLOGY

Peer-Reviewed Articles:

Aneese AM, *Manuballa V, Amin M, **Cappell MS**. Bladder urothelial carcinoma extending to rectal mucosa and presenting with rectal bleeding. *World J Gastrointest Endosc.* 2017 Jun 16; 9(6):282-295.

Aneese AM, **Yang SK, Cappell MS**. Case report of successful medical management of progressive gastric band penetration-to-perforation after band insertion at bariatric surgery: Documentation by 12 serial EGDs during 50 months of observation. *Dig Dis Sci*, published online November 13, 2017.

Cappell MS. Evaluating the safety of endoscopy during pregnancy: The robust statistical power vs limitations of a national registry study. *Gastroenterology.* 2017 Feb; 152(3):475-479.

Cappell MS, Stevens CE, Amin M. Systematic review of giant gastric lipomas reported since 1980 and report of two new cases in a review of 117,110 esophagogastroduodenoscopies. *World J Gastroenterol.* 2017 Aug 14; 23(30):5619-5633.

Ganapini V, **Jaurigue M**, Amin M, **Ghaith G, Cappell MS**. ERCP for diagnosis and extraction of choledochal phytobezoar causing right upper quadrant abdominal pain and cholestasis in a patient without prior sphincterotomy or biliary instrumentation. *Gastrointest Endosc.* 2017 Jun; 85(6):1296-1298.

Hakim S, **Bortman J**, Orosey M, **Cappell MS**. Case report and systematic literature review of a novel etiology of sinistral portal hypertension presenting with UGI bleeding: Left gastric artery pseudoaneurysm compressing the splenic vein treated by embolization of the pseudoaneurysm. *Medicine (Baltimore).* 2017 Mar; 96(13):e6413.

Hakim S, **Desai T, Cappell MS**. Esophageal hemangiomas with chest CT revealing a fine, curvilinear, calcified thrombus within the esophagus simulating acute esophageal fishbone impaction: First reported endoscopic photograph of GI manifestations in Maffucci syndrome. *Gastrointest Endosc.* 2017 Jun; 85(6):1293-1294.

Hakim S, **Rami Reddy SR, Batke M, Polidori G, Cappell MS**. Two case reports of acute upper GI bleeding from duodenal ulcers after Roux-en-Y gastric bypass surgery: Endoscopic diagnosis and therapy by single balloon or push enteroscopy after missed diagnosis by standard esophagogastroduodenoscopy. *World J Gastrointest Endosc.* 2017 Oct 16; 9(10):521-528.

*Nojkov B, Amin M, **Ghaith G, Cappell MS**. A statistically significant association between esophageal granular cell tumors and eosinophilic esophagitis: A 16-year analysis at two large hospitals of 167,434 EGDs. *Dig Dis Sci.* 2017 62(12):3517-3524.

Orosey M, Amin M, **Cappell MS**. A 14-year study of 398 esophageal adenocarcinomas diagnosed among 156,258 EGDs performed at two large hospitals: An inlet patch is proposed as a statistically significant risk factor for proximal esophageal adenocarcinoma. *Dig Dis Sci*, published online December 16, 2017.

Gastroenterology and Hepatology

Peer-Reviewed Articles: continued

Orosey M, **Desai T**, Amin M, **Cappell MS**. Malignant gastrocolic fistula diagnosed by esophagogastroduodenoscopy and colonoscopy. *Minerva Gastroenterol Dietol*. 2017 Jun; 63(2):165-167.

Rami Reddy SR, Cappell MS. A systematic review of the clinical presentation, diagnosis, and treatment of small bowel obstruction. *Curr Gastroenterol Rep*. 2017 Jun; 19(6):28.

Book Chapters or Full Book Publications:

Cappell MS. Gastrointestinal disorders during pregnancy. In: Gabbe SG, Niebyl JR, Simpson JL, Landon MB, Golan HL, Jauniaux RM et al, editors. *Obstetrics: Normal and problem pregnancies*. 7th ed. Philadelphia; Elsevier, 2017. p. 1012-1029.

Cappell MS. Hepatic disorders during pregnancy. In: Gabbe SG, Niebyl JR, Simpson JL, Landon MB, Golan HL, Jauniaux RM et al, editors. *Obstetrics: Normal and problem pregnancies*. 7th ed. Philadelphia; Elsevier, 2017. p. 998-1011.

Cappell MS. Large bowel disorders. In: McKean SC, Ross JJ, Dressler DD, Brotman DJ, Ginsberg JS, editors. *Principles and practice of hospital medicine*. 2nd ed. New York; McGraw-Hill, 2017. p.1290-1307.

Abstracts with Associated Research Presentations:

Aneese AM, *Manuballa V, **Ghaith G, Cannon ME, Cappell MS**. Endoscopic ultrasound guided methylene blue injection: An innovative endoscopic approach to a post-ampullectomy papillary stenosis and recurrent pancreatitis. *Am J Gastroenterol*. 2017 Oct; 112(suppl.1):s1138-s1140. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017.
Awarded: 2017 Presidential Poster.

Aneese AM, **Yang SK, Cappell MS**. Report of successful management of progressive gastric penetration-to-perforation: 12 serial EGDs during 50 months of observation. *Am J Gastroenterol*. 2017 Oct;112 (Suppl.1):s989-991. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017.

Edhi A, Amin M, **Cappell MS**. Case report of primary intestinal lymphangiectasia diagnosed in an octogenarian: Diagnosis by ileal intubation and push enteroscopy after failed diagnosis by standard colonoscopy and EGD. *Am J Gastroenterol*. 2017 Oct;112 (Suppl.1):s1340. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017.

Gjeorgievski M, Cappell MS. Endoscopic management of rare complication caused by Nissen fundoplication. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017.

Gastroenterology and Hepatology

Abstracts with Associated Research Presentations: continued

Hader I, Amin M, **Cappell MS**. Case report of pathognomonic findings of severe colchicine effect in the esophagus, a rarely reported site of colchicine effect. Am J Gastroenterol. 2017 Oct; 112(suppl.1):s951-s952. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017.

Hader I, Amin M, Fisher A, **Tasleem S, Cappell MS**. Case report of acute liver failure secondary to hemophagocytic lymphohistiocytosis. Am J Gastroenterol. 2017 Oct; 112(suppl.1):s1335. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017.

Hader I, Edhi A, Hakim S, Amro O, **Cappell MS**. Case report of gastrointestinal sarcoidosis presenting with dysphagia. Am J Gastroenterol. 2017 Oct; 112(suppl. 1):s1438. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017.

Hakim S, Amin M, Hader I, **Cappell MS**. Salmonella aortitis: A rare life-threatening complication of non-typhoid Salmonella. Am J Gastroenterol. 2017 Oct; 112(suppl. 1):s1359-s1360. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017.

Hakim S, Orosey M, Amin M, **Cappell MS**. Primary advanced gallbladder malignant melanoma successfully eradicated with immunotherapy and BRAF inhibitors. Am J Gastroenterol. 2017 Oct; 112(suppl.1):s733-734. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017. **Awarded: 2017 Presidential Poster.**

Orosey M, **McBeath K, Bortman J, Hakim S, Cappell M**. Mixed adenoneuroendocrine carcinoma: a rare tumor of the gastrointestinal tract. Am J Gastroenterol. 2017 Oct; 112(suppl.1):s1355. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017.

Orosey M, **Rami Reddy S, Mogrovejo E, Cappell MS**. Two cases of colonic injury secondary to coffee or dilute hydrogen peroxide enemas. Am J Gastroenterol. 2017 Oct; 112 (suppl.1):s836-s837. American College of Gastroenterology Annual Meeting, Orlando, FL, October 13-18, 2017.

GENERAL INTERNAL MEDICINE

Peer-Reviewed Articles:

Ali-Ahmed F, **Halalau A**. Mycoplasma pneumonia: An unrecognized cause of fever of unknown origin in the adult population. Case Reports in Infectious Disease, published online October 17, 2017.

Aneese A, Manuballa V, Amin M, Cappell MS. Bladder urothelial carcinoma extending to rectal mucosa and presenting with rectal bleeding. World J Gastrointest Endosc. 2017 Jun;16(9):282-295.

Halalau, A, Falatko J, Misa M. Application of adult learning theory in teaching evidence based medicine to residents. J Med Ed. 2017 June;15(4):185-193.

Hakim S, Desai T, Cappell MS. Esophageal hemangiomas with chest CT revealing a fine, curvilinear, calcified thrombus within the esophagus simulating acute esophageal fishbone impaction: First reported endoscopic photograph of GI manifestations in Maffucci syndrome. Gastrointest Endosc. 2017 Jun;85(6):1293-1294.

Hakim S, Reddy SR, Batke M, Polidori G, Cappell MS. Two case reports of acute upper gastrointestinal bleeding from duodenal ulcers after Roux-en-Y gastric bypass surgery: Endoscopic diagnosis and therapy by single balloon or push enteroscopy after missed diagnosis by standard esophagogastroduodenoscopy. World J Gastrointest Endosc. 2017 Oct 16;9(10):521-528.

Keeney S, Halalau A. Anchoring bias in a case of recurrent abdominal pain. BMJ Case Reports, published online October 4, 2017.

***Lohani S, Golenbiewski J, Swami A, Halalau A**. A unique case of nephrogenic systemic fibrosis from gadolinium exposure in a patient with normal eGFR. BMJ Case Reports, published online October 11, 2017.

Merchan-Del Hierro X, **Halalau A**. Cytomegalovirus-related transverse myelitis in an immunocompetent host: a subacute onset of an immune-mediated disease? BMJ Case Reports, published online August 11, 2017.

Orosey M, Desai T, Amin M, Cappell MS. Malignant gastrocolic fistula diagnosed by esophagogastroduodenoscopy and colonoscopy. Minerva Gastroenterol Dietol. 2017 Jun;63(2):165-167.

Orosey M, *Garg L, *Agrawal S, John JJ, Haines DE, Wong WS. Atrioesophageal fistula following radiofrequency catheter ablation of atrial fibrillation. Rev Cardiovasc Med. 2017;18(3):115-122.

Rezaee M, Ward C, Nuanez B, Rezaee D, Ditkoff J, **Halalau A**. Examining 30-day COPD readmissions through the emergency department. Int J Chron Obstruct Pulmon Dis. 2017 Dec 27;13:109-120.

Schuiteman E, Verrill T, Mina N, Dalal B. Constrictive pericarditis-induced shunting through a PFO: Persistence despite pericardiectomy. Respir Med Case Rep. 2017 May 30;22:28-30.

General Internal Medicine

Abstracts with Associated Research Presentations:

Adhikari A, Khanal D, Edhi A, KC O, Bastola S. Acute ischemic stroke unveiling polycythemia vera. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Adhikari A, Yadav S. Bartonella henselae, overwhelming the kidneys through the heart. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

Ali-Ahmed, **Halalau A.** The impact of a discharge transition clinic in reducing the 30-day readmission rate in heart failure. 29th Annual Conference of the Michigan Chapter American Cardiology Conference, Dearborn, MI, October 13-14, 2017.

Aneese A. Acute cholestatic jaundice: A curious case. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Aneese A, Halalau A. The assessment of the evidence-based medicine curriculum. American College of Physicians (ACP) National Meeting, San Diego, CA, March 30-April 1, 2017.

Aneese A, Yang S, Cappell MS. Report of successful medical management of progressive gastric band penetration-to-perforation: 12 serial EGDs during 50 months of observation. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017.

Bastola S, *Khanal P, KC O, Khanal D. A gigantic anal mass: Buschke-Lowenstein tumor. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Chacko R. When a rare disease presents like a common cold. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

Chacko R, Sczepanski M. That's nuts! Acquired peanut allergy following hematopoietic stem cell transplant. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017. **Awarded: 3rd Place Winner Clinical Vignette**

Edhi A, Amin M, Cappell M. Primary intestinal lymphangiectasia diagnosed in an octogenarian: Diagnosis by ileal intubation and push enteroscopy after failed diagnosis by standard colonoscopy and EGD. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017.

Edhi A, Hafeez A, Adhikari A. Iatrogenic DIC causing splenic hemorrhage: An unexpected complication of peritoneovenous shunt placement. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

Edhi A, *Osman M, Hafeez A, Qazi S. It is not always a bug: SAPHO syndrome. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017. 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Edhi A, Sharma N, Patel A, **Fisher A**. Sodium polystyrene sulfate induced colonic ulceration. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017.

Fisher A, **Edhi A**, Desai T, Khurram D. Eosinophilic gastroenteritis: More common than we think and perhaps ominous in women. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017.

Fisher A, **Edhi A**, Dewanwala A. When penicillins attack. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017.

Fisher A, ***Khanal P**, ***Gniado E**, ***Khaddour L**, **Orosey M**, Hader I, ***Yadav S**. Appropriate treatment of clostridium difficile in patients with active malignancy. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017. **Awarded: 2nd Place Winner**

Gerhardt S, Deitch D. Ictal asystole: A rare manifestation of temporal lobe epilepsy. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Ginoya Meka S, Karnib S, Bilolikar A. Showers from the heart. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Ginoya Meka S, ***Otoupalova E**, Dalal B, Hafez-Khayyata S, Nair GB. To biopsy or not to biopsy: Risk of surgical lung biopsy in patients with honeycombing on chest imaging. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017. **Awarded: 3rd Place Winner**

Ginoya Meka S, Qu L, Sims M, Dalal B. Venous thromboembolism is an independent risk factor for mortality in critically-ill patients with respiratory viral infections. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017. American Thoracic Society (ATS) International Conference, Washington DC, May 19-24, 2017.

Hakim S. Case report of gastrointestinal sarcoidosis presenting with dysphagia. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017.

Hakim S. Phlebotomy to maintain iron depletion reduces alpha fetoprotein and reduces incidence of hepatoma and improves survival in chronic hepatitis C. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017.

Hakim S, Gjeorgjievski M, **Orosey M**, Davila F, Cappell M. Aortitis: Endovascular complication of non-typhoid salmonella. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017. Advances in Inflammatory Bowel Disease, Orlando, FL, November 9-11, 2017.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Hakim S. Primary advanced gallbladder malignant melanoma successfully eradicated with immunotherapy BRAF inhibitors. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017.

Iftikhar H. Beta blocker overdose, management with a sweet alternative? American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Iftikhar H, Patel B, Nair GB. Stress induced stress: A case of mast cell activation syndrome. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Jayaschandran V, Schuiteman E, *Otoupalova E, Ginoya Meka S, *Boura J, Christensen P, et al. Driving pressure drives mortality in patients with acute respiratory distress syndrome. 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017.

Jayaschandran V, Schuiteman E, *Otoupalova E, Ginoya Meka S, Dalal B. Obesity-acute respiratory distress syndrome paradox: Truth or myth. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

Kalisiewicz D, Pang Y, Bajrovic V, Lauter C. Eosinophilic myocarditis: A rare hypersensitivity reaction to mesalamine. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Karmo D. Acute hepatitis triggered by cassia cinnamon use. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

Karmo D, Gbadamosi B. Not your average CRAB: An atypical presentation of multiple myeloma. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

KC O, Khanal D, *Khanal P, Bastola S, Adhikari A, Pokhrel A, Nito Y. Peritonitis to mediastinitis: Be aware of the deadly highway. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

KC O, Khanal D, *Khanal P, Bastola S, Pokhrel A. Only once in a blue moon: Intraabdominal squamous cell carcinoma of unknown primary site presenting with epigastric pain. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017. 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017.

KC O, Maditz R, Bastola S, Adhikari A, Pokhrel A. Chlamydia psittaci pneumonia with no known avian contact: A rare presentation. 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017.

***Khanal P, Liroff K, Khanal D, Pokhrel A.** Cocaine-levamisole induced vasculitis. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

Klein R. Unusual viral myositis presentation. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Levitin M, Patel V. Primary signet ring cell carcinoma of the lung: A rare malignancy with a poor prognosis. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

Liroff K, Chacko R. Painless jaundice in sickle cell anemia. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

***Lohani S, *Gjeorgjievski M, Bozyk P.** Osmotic demyelination syndrome: Be gentle with your hyponatremias! American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

***Lohani S, *Kazanji N, *Yadav S.** Outcomes of non-chemotherapy related febrile neutropenia compared to chemotherapy related febrile neutropenia. 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017.

Maditz R. A quality improvement project to increase compliance with American Diabetes Association recommended measures in an academic outpatient setting (2016-present). Association of American Medical Colleges (AAMC) Integrating Quality Meeting: Achieving the Quadruple Aim, Rosemont, IL, June 5-6, 2017.

Maditz R, Hakim S, *Lohani S, Zarouk S. A mystery case of blood leak alarm triggering. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Matka M, *Alhalabi O. Recurrent thromboembolic events and diffuse alveolar hemorrhage in antiphospholipid syndrome: A case report. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

Matka M, Trivax J. Three's company: A case presentation and literature review of cor triatriatum sinister in the adult. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

***Mercado-Alamo A, *Golenbiewski J, Roberson J, Nercessian B.** Central nervous system vasculitis? Better reverse the course. **Awarded: 2nd Place Winner Clinical Vignette**, American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Orosey M, Hakim S, Huang M, Chehab M. An unusual presentation of a left gastric artery pseudoaneurysm. American College of Physicians (ACP) National 2017, San Diego, CA, March 30-April 1, 2017.

Orosey M, *Lohani S. Diarrhea in a post colectomy patient: Should we will consider clostridium difficile? American College of Physicians (ACP) National 2017, San Diego, CA, March 30-April 1, 2017.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Orosey M. Be careful where you shower. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Orosey M, McBeath K, Bortman J, Cappell M. Mixed adenoneuroendocrine carcinoma: A rare tumor of the gastrointestinal tract. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017.

Orosey M, Rami Reddy S, Mogrovejo E, Cappell M. Two cases of colonic injury secondary to coffee or dilute hydrogen peroxide enemas: Colonoscopic and radiologic findings. American College of Gastroenterology (ACG) Annual Scientific Meeting, Orlando, FL, October 13-18, 2017.

Orosey M, Sharma N, Patel A. Port-site metastasis: An uncommon consequence of laparoscopic colon cancer removal. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

***Osman M, Halalau A.** The impact of the discharge transition clinic in reducing the 30-day readmission rates among patients with congestive heart failure, coronary artery disease, COPD or pneumonia. 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017. 39th Annual Southeast Michigan Center for Medical Education (SEMCMC) Research Forum, Rochester, MI, May 24, 2017.

Pang Y, Lauter C. Darier disease complicated by chickenpox. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

Pang Y, *Mercado-Alamo A, Greulich C, Zarouk S. The hidden culprit behind severe abdominal pain. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Pang Y, Soltero Mariscal E, Gabbard A, ***Alhafez B.** Levamisole: The hidden sorcerer in cocaine and how to find it. American College of Physicians (ACP) National 2017, San Diego, CA, March 30-April 1, 2017.

Quiroz E, Hakim S. Large cell neuroendocrine carcinoma of the colon: A rare finding. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Sahlieh A, Barnes M. Immunoglobulin-troponin I complex falsely elevating troponin I levels. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Said A, Halalau A. The curse of relieving pain. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Schuiteman E, Jayaschandran V, Nair G, Chittick P, Bozyk P. Changing prescription practices: Has procalcitonin testing changed steroid prescribing? 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Sczepanski M, Patel V. Alteplase induced angioedema: A case of a life-threatening adverse effect to a life-saving medication. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

Shelden D, Aneese N, Lauster C, Muench S, Fett J, **Halalau A**. Evaluating a pharmacist managed diabetes clinic model in improving glycemic control of high risk patients. **Awarded: 1st Prize Winner**. 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017. 39th Annual Southeast Michigan Center for Medical Education (SEMCME) Research Forum, Rochester, MI, May 24, 2017.

Soltero Mariscal E, ***Rodrigues O**, Swami A, Christensen P, Nair GB. Tis not the season: A case of leptospirosis presenting as septic shock during winter. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017.

***Sultan R**, **Aneese A**, **Hartkop S**, ***Yadav S**. A tale of a yellow man. American Association of Clinical Endocrinologists (AACE), Austin, TX, May 3-7, 2017.

Sutherland E, Dabajeh M, Tominna M, Zintsmaster S, **Davila F**, et al. The effect of language on MRI acquisition time. Association of American Medical Colleges (AAMC) Integrating Quality, Chicago, IL, June 8-9, 2017.

Vercellone J, Cohen L, Mansuri S, Zhang P, Kellerman P. Bartonella endocarditis mimicking ANCA-associated glomerulonephritis. American Society of Nephrology (ASN) Kidney Week 2017, New Orleans, LA, October 31-November 5, 2017.

Willner C, ***Khaddour L**, ***Golenbiewski J**. By chance or by genetics: Metastatic seminoma and small lymphocytic lymphoma in a single lymph node. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 19-22, 2017.

Willner C. A pressing matter of drug toxicity. American College of Chest Physicians (CHEST) 2017, Toronto, Canada, October 28-November 1, 2017.

GERIATRICS

Peer-Reviewed Articles:

Newman D, Diokno A, Low L, Goode P, **Maddens M**, et al. A multi-site prospective randomized controlled trial of group administered behavioral treatment in reducing urinary incontinence in older adult women. *Neurourol Urodyn*. July 2017; 36(3):S390.

Yilmaz A, Geddes T, Has B, Bahado-Singh RO, **Imam K, Maddens ME**, et al. Diagnostic biomarkers of Alzheimer's Disease as identified in saliva using ¹H NMR-based metabolomics. *J Alzheimer's Dis*. 2017 Apr 25;58(22).

Abstracts with Associated Research Presentations:

Fontanesi J, Michael DB, **Maddens M**, Hanna A, Wilson TG, Fontanesi G, et al. Combination radiation techniques may play a role in the treatment of Alzheimer's Dementia. *Clinical Trials on Alzheimer's Disease (CTAD) Annual Meeting*, Boston, MA, November 1-4, 2017.

HEMATOLOGY / ONCOLOGY

Peer-Reviewed Articles:

Ezekwudo DE, Chacko R, Gbadamosi B, Batool S, **Gaikazian S**, Warkentin TE, et al, [**Jaiyesimi I**]. Apixaban for treatment of confirmed heparin-induced thrombocytopenia: A case report and review of literature. *Exp Hematol Oncol*. 2017 Jul 14;6:21.

Ezekwudo DE, **Gbadamosi B**, **Blankenship L**, Bastola S, **Gaikazian S**, **Zakalik D**, et al, [**Jaiyesimi I**]. Prognostic significance of monosomy 7 with and without complex karyotypes in acute myeloid leukemia (AML): A single institutional analysis. *Blood*. 2017 130:5104.

Ezekwudo DE, Ifabiyi T, **Gbadamosi B**, Haberichter K, **Yu Z**, et al, [**Stender M**, **Jaiyesimi I**]. Breast implant-associated anaplastic large cell lymphoma: A case report and review of the literature. *Case Rep Oncol Med*. 2017;2017:6478467.

Ezekwudo DE, **Ogunleye F**, **Gbadamosi B**, **Blankenship LM**, et al, [**Jaiyesimi I**]. Primary extranodal diffuse large b-cell lymphoma of the prostate: A case report. *Case Rep Oncol*. 2017 Feb 15;10(1):199-204.

Gbadamosi B, **Ezekwudo DE**, **Ogunleye F**, Bastola S, Coffey M, **Yu Z**, et al, [**Stender M**, **Zakalik D**, **Micale M**, **Jaiyesimi I**]. The clinical characteristics, genetic alterations and prognostic significance of acute myeloid leukemia (AML) with trisomy 8. *Blood*. 2017 130:5101.

Hanna N, Johnson D, Temin S, Baker S Jr, Brahmer J, Ellis PM, et al, [**Jaiyesimi I**]. Systemic therapy for stage IV non-small-cell lung cancer. *American Society of Clinical Oncology Clinical Practice Guideline Update; J Clin Oncol*. 2017 Oct 20; 35:3484-3515.

Ibrahim M, **Ogunleye F**, Roye J, Yadav S, Townsel D, **Yu Z**. Representation of minorities and elderly in cancer clinical trials at a single institution: The William Beaumont Hospital Experience; *J Cancer Epidem Prev*. 2017 2:(1).

Ogunleye F, Blankenship L, Millisor V, Anderson J, **Jaiyesimi I**. Programmed cell death-1/Programmed cell death ligand-1(PD-1/PD-L1) Inhibitors: Heralding a new era of immunotherapy in the management of advanced non-small cell lung cancer (NSCLC). *Cancer Treat Res Com*. 2017 12:6-8.

Smith TJ, Hanna N, Johnson D, Baker S Jr, Biermann WA, Brahmer J, et al, [**Jaiyesimi I**]. Case for stopping targeted therapy when lung cancer progresses on treatment in hospice eligible patients. *J Oncol Pract*. 2017 Dec 5;13(12):780-783.

Yu Z, Pang Y, Wang L, **Ezekwudo DE**, **Ogunleye F**, **Gaikazian SS**, et al, [**Jaiyesimi I**]. Unusual presentation of a small-cell variant of anaplastic large-cell lymphoma case: When a septic picture is not sepsis. *Case Rep Hematol*. 2017;2017:7292148.

Yu Z, **Blankenship L**, **Jaiyesimi I**. Crizanlizumab in sickle cell disease: Correspondence. *N Engl J Med*. 2017 May 4;376(18):1795-1796.

Zhou Yu, S Sankar, **Marianne H**. Excellent response with ado-trastuzumab emtansine in a patient with relapsed metastatic breast cancer presenting with pulmonary lymphangitic carcinomatosis. *Cureus*. 2017 July 9(7):e1473.

Hematology / Oncology

Abstracts with Associated Research Presentations:

Blankenship L, Lanni T, Riutta J, **Akhtar A**, **Jaiyesimi I**. Inpatient hematology and oncology rehabilitation. American Society of Clinical Oncology, Chicago, IL, June 2-6, 2017.

Blankenship L, **Ezekwudo D**, **Jaiyesimi I**, Alassi O, **Stender M**, **Gaikazian S**. Discordant breast cancer: Low risk genomic, high risk pathologic. 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017.

Blankenship L, **Ezekwudo DE**, **Stender M**, **Jaiyesimi I**, **Gaikazian S**. Discordant breast cancer: Low risk genomic, high risk pathologic. American Society of Clinical Oncology, Chicago, IL, June 2-6, 2017.

Blankenship L, **Ezekwudo DE**, **Jaiyesimi I**, **Stender M**, Alassi O, **Kresge C**, et al, [**Gaikazian S**]. Discordant breast cancer: Genomic vs clinicopathologic. San Antonio Breast Cancer Symposium, San Antonio, TX, December 5-9, 2017.

Blankenship L, Yadav S, **Yumpo Cardenas P**, **Zakalik D**. Characteristics of CHEK2 mutation carriers in a large academic health center in Michigan. San Antonio Breast Cancer Symposium, San Antonio, TX, December 5-9, 2017.

Ezekwudo DE, **Gbadamosi B**, **Blankenship L**, **Jaiyesimi I**, **Gaikazian S**. Outcome on reinstitution of anticoagulation following intracranial hemorrhage: A single institution analysis. American Society of Hematology Annual Meeting, Atlanta, GA, December 9-12, 2017.

Ezekwudo DE, Ifabiyi T, **Gbadamosi B**, Haberichter K, **Yu Z**, **Stender M**, **Jaiyesimi I**. Breast implant associated-anaplastic large cell lymphoma: A case report. 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017.

Ezekwudo DE, **Ogunleye F**, **Gbadamosi B**, Haberichter K, **Blankenship L**, **Jaiyesimi I**. FACP primary extranodal diffuse large b-cell lymphoma of prostate: A case report. 47th Annual Residents' and Fellows' Research Forum, Beaumont Royal Oak, MI, May 23, 2017.

Gbadamosi B, Bastola S, Ye H, Fennell T, Mora E, Hart B, et al, [**Gaikazian S**, **Jaiyesimi I**]. Treatment outcomes in adults with acute myeloid leukemia (AML) using standard induction "3+7", hypomethylating agent or best supportive care: A single institution experience. Clin Lymph Myelo Leuk. 2017 Sept;17(2). Society of Hematologic Oncology (SOHO) Annual Meeting, Houston, TX, September 13-16, 2017.

Ogunleye F, **Blankenship L**, **Ezekwudo G**, **Gbadamosi B**, **Jaiyesimi I**, et al. Treatment patterns for resected gastric cancer using the National Cancer Database. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL, June 3, 2017.

Yu Z, Quiroz E, **Blankenship L**, **Gbadamosi B**, **Ibrahim M**, **Stender M**, et al, [**Anderson J**, **Jaiyesimi I**]. Does normal reticulocyte hemoglobin rule out iron deficiency as a cause of normocytic normochromic anemia? 47th Annual Residents' and Fellows' Research Forum Beaumont Health, Royal Oak, MI, May 23, 2017.

INFECTIOUS DISEASES

Peer-Reviewed Articles:

Bahado-Singh RO, Cital-Dogan A, Wayne S, Bauer S, Ogunyemi D, Kulkarni SK, et al, [**Carpenter CF**]. Zika Virus and pregnancy. J Mat-Fetal Neonat Med. 2017 Jul;30(13):1539. (Letter Reply)

Carpenter CF, Aljasseem A, Stassinopoulos J, Pisacreta G, Hutton D. A cost-effectiveness analysis of an adjuvanted subunit vaccine for the prevention of herpes zoster and post-herpetic neuralgia. Open Forum Infect Dis. 2017;10-04;4(1): S417.

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Kachoria J, **Miller WM**, Jankowski M. Factors associated with lean mass change in obese adults following bariatric surgery. Class of 2017 Embark Capstone Colloquium, Pontiac, MI, March 16, 2017.

Miller WM, Kachoria J, **Zalesin KC**. Factors associated with lean mass change following bariatric surgery. Surg Obes Relat Dis. 2017 Oct; 13(10S): S151. The Obesity Society and the American Society of Metabolic and Bariatric Surgery Annual Scientific Meeting, Washington, DC, October 29-November 2, 2017.

Invited Research Presentations:

Miller WM. Investigating the association of the microbiome and metabolome with sleeve gastrectomy outcomes. Research Roundtable Seminar, Beaumont Research Institute, Royal Oak, MI, August 1, 2017.

OBSTETRICAL / GYNECOLOGICAL SERVICES

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Abstracts with Associated Research Presentations: continued

Bahado-Singh RO, Poon L, **Yilmaz A**, Syngelaki A, *Kumar P, ***Turkoglu O**, et al, [**Graham SF**]. Serial integrated (combined first and third trimester) metabolomic and proteomic prediction of term preeclampsia. 37th Annual Society of Maternal Fetal Medicine, Las Vegas, NV, January 23-28, 2017.

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Romero R, **Yilmaz A**, Erez O, Maymom E, Tarca AL, Vadillo-Prtega, F, et al. Targeted metabolomics for the diagnosis of early and term preeclampsia. Wayne State University, Perinatology Branch, Detroit, MI, August 16, 2017.

Invited Research Presentations:

Graham SF. Employing metabolomics to understand neurological disorders while uncovering potential biomarkers of disease. Van Andel Research Institute, Grand Rapids, MI, January 18, 2017.

Graham SF. Metabolomics and neurodegenerative disease: Potential for early diagnosis and therapeutic development? University of Alberta, Edmonton, Canada, July 13, 2017.

Graham SF. Targeted metabolomics and its application to prodromal Parkinson's Disease. Metabolomics in Precision Medicine, from Theory to Practice, Toronto, Canada, June 8, 2017.

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Rao P, ***Yonekawa Y**, ***Thomas BJ**, **Drenser KA**. Spectral versus time-domain OCT in detecting preoperative epiretinal membranes that accompany macular holes. Eur J Ophthalmol. 2017 Mar 10;27(2):185-189.

Raven ML, Ringeisen AL, ***Yonekawa Y**, **Faia LJ**, Gottlieb JL. Multi-modal imaging and anatomic classification of the white dot syndromes. Int J Retina Vitreous. 2017 Mar 20(3):12.

Stem MS, ***Todorich B**, **Faia LJ**. Ocular pharmacology for scleritis: Review of treatment and a practical perspective. J Ocul Pharmco Ther. 2017 May;33(4):240-246.

Stem MS, ***Todorich B**, ***Yonekawa Y**, **Capone A Jr**, **Williams GA**, **Ruby AJ**. Incidence and visual outcomes of culture-proven endophthalmitis following dexamethasone intravitreal implant. JAMA Ophthalmol. 2017 135(4):379382.

Ophthalmology

Peer-Reviewed Articles: continued

Stem M, ***Thanos A**, Elliott D, **Drenser KA**, **Hassan TS**, **Ruby AJ**, et al, [**Williams GA**]. Heads-up 3-D visualization in complex vitreoretinal surgery. *Retina Today*. 2017; July/August; 44-48.

Stephens JD, Adam MK, ***Todorich B**, **Faia LJ**, Garg S, Dunn JP, et al. Optical coherence tomography findings in endogenous fungal chorioretinitis, and endophthalmitis. *Ophthalmic Surg Lasers Imaging Retina*. 2017 Nov. 1;48(11):894-901.

***Thanos A**, **Faia LJ**, **Randhawa S**. Optical coherence tomography angiography artifacts and potential for false negative-reply. *JAMA Ophthalmol* 2017 Jun 1; 135(6):676.

***Thanos A**, **Lau-Sickon LK**, **Wolfe JD**, **Hassan TS**. Three port sutureless posterior chamber intraocular lens intrascleral fixation: A novel approach. *Retina*, published online November 16, 2017.

***Thanos A**, ***Yonekawa Y**, **Korot E**, **Trese MT**, **Drenser KA**, **Capone A Jr**, et al. Surgical management of tractional retinoschisis associated with vitreous hemorrhage in retinopathy of prematurity. *Retin Cases Brief Rep*, published online January 3, 2017.

***Thanos A**, ***Yonekawa Y**, ***Todorich B**, **Wolfe JD**, **Randhawa S**, **Faia LJ**. Optical coherence tomography angiography findings in punctate inner choroidopathy. *Ophthalmic Surg Lasers Imaging Retina*. 2017. Oct. 1;48(10):786-792.

Thomas AS, **Mahmoud TH**. Subretinal transplantation of an autologous retinal free flap for chronic retinal detachment with proliferative vitreoretinopathy with and without macular hole. *Retina*, published online December 29, 2017.

***Thomas B**, ***Thanos A**, ***Todorich B**, **Drenser KA**, **Trese MT**, **Capone Jr A**, et al. The cutting edge of retinopathy of prematurity care. Expanding the boundaries of diagnosis and treatment. *Retina*, published online December 13, 2017.

***Todorich B**, Hypes SM, ***Yonekawa Y**, **Randhawa S**, **Drenser KA**, **Trese MT**, et al. Retinal vascular tortuosity and exudative retinopathy in a family with dyskeratosis congenita masquerading as familial exudative vitreoretinopathy. *Retina Cases Brief Rep*. 2017 Winter; 11 Suppl 1:S187-S190.

***Todorich B**, **Stem MS**, Kooragayla K, ***Thanos A**, **Faia LJ**, **Williams GA**, et al, [**Hassan TS**, **Wolfe JD**]. Structural analysis and comprehensive surgical outcomes of the sutureless intrascleral fixation of secondary intraocular lenses in human eyes. *Retina*, published online December 11, 2017.

***Todorich B**, ***Thanos T**, ***Yonekawa Y**, **Capone Jr A**. Repair of total tractional retinal detachment in Norrie Disease: Report of technique and successful surgical outcome. *Ophthalmic Surg Lasers Imaging Retina*. 2017; 48:260-262.

Ophthalmology

Peer-Reviewed Articles: continued

***Todorich B, *Thanos A, *Yonekawa Y, Mane G, Hasbrook M, *Thomas BJ, et al, [Williams GA, Capone Jr. A, Wolfe JD, Faia LJ, Hassan TS]**. Simultaneous dexamethasone intravitreal implant and anti-VEGF therapy for neovascular age-related macular degeneration resistant to anti-VEGF monotherapy. *J Vitreoretin Dis.* 2017;1(1):65-74.

***Todorich B, *Van Laere L, Hussain R, Woodward MA, *Abbey AM, Wolfe JD, et al.** Prediction of anti-VEGF response in diabetic macular edema after 1 injection. *J Vitreoretin Dis.* 2017 May;1(3):169-174.

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Trese MT, *Thanos A, *Yonekawa Y, Randhawa S. Optical coherence tomography angiography of paracentral acute middle maculopathy associated with primary antiphospholipid syndrome. *Ophthalmic Surg Lasers Imaging Retina.* 2017 Feb 1;48(2): 175-178.

***Yonekawa Y, *Thomas B, Lau-Sickon L, *Anderson B, Ruby AJ.** Detection of pars plan rupture by ultrasound biomicroscopy after cannula dislodgement during cataract wound hydration. *Digit J Ophthal.* 2017 Feb 25;23(1):23-25.

Book Chapter or Full Book Publications:

Cheung AY, Price JM, Gamsky ST, Gupta CK, **Rolain MA.** Post-refractive surgery trauma. In: Kaufman SC, Lazzaro DR, editors. *Textbook of ocular trauma: evaluation and treatment.* Chaim, Switzerland: Springer International Publishing; 2017. p.33-62.

Abstracts with Associated Research Presentations:

Ameri H, Chu Z, Wang R, **Wolfe JD, Dugel P, *Kashani A, et al.** Quantitative spectral-domain optical coherence tomography angiography (OCTA) of Diabetic Retinopathy (DR) severity. Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Baltimore, MD, May 7-11, 2017.

Dailey WA, **Drenser KA, Wong SC, Cheng M, Vercellone J, Trese MT, et al.** Ocular coherence tomography image data of the retinal laminar structure in a mouse model of oxygen-induced retinopathy. Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Baltimore, MD, May 7-11, 2017.

De la Huerta I, Mesi O, Murphy B, Drenser KA, Capone A Jr, Trese MT. Spectral domain optical coherence tomography imaging of the macula and vitreomacular interface in persistent fetal vasculature syndrome with posterior involvement. 50th Annual Retinal Society Scientific Meeting, Boston, MA, October 5-8, 2017.

Ophthalmology

Abstracts with Associated Research Presentations: continued

Jeng-Miller Karen, **Trese MT**. Fellow eye findings in Coats' Disease: Longitudinal serial evaluation with wide field fluorescein angiography. 50th Annual Retinal Society Scientific Meeting, Boston, MA, October 5-8, 2017.

Rao P, *Thanos A, Wolfe JD, Trese MT. The presence of the LAPPEL sign in multiple inherited and acquired retinal vascular diseases and temporal correlation with capillary dropout. Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Baltimore, MD, May 7-11, 2017.

***Thanos A, Wolfe JD**. Senile retinoschisis: Observations from ultra-widefield imaging. 50th Annual Retinal Society Scientific Meeting, Boston, MA, October 5-8, 2017.

Invited Research Presentations:

Capone Jr A. Endoresection of retinal capillary hemangioblastoma in a patient with Von-Hippel Lindau Syndrome. American Academy of Ophthalmology Meeting, New Orleans, LA, November 10-14, 2017.

Capone Jr A. Surgical management of Coats/Coats-like exudative retinal detachment. Advanced Vitreous Surgery Course, Duke University, Durham, NC, April 22, 2017.

Capone Jr A. Telemedicine may improve quality, frequency of ROP screening. American Academy of Ophthalmology Meeting, New Orleans, LA, November 10-14, 2017.

Drenser KA. Macular surgery, tips, tricks and innovations (panelist). Florence Retina (FLOREtina) Meeting, Florence, Italy. April 27-30, 2017.

Drenser KA. The pediatric retina symposium (panelist). American Academy of Ophthalmology Meeting, New Orleans, LA, November 10-14, 2017.

Drenser KA. Update on management of diabetic macular edema. Retinal Update for the Contemporary Optometrist, Pontiac, MI, October 29, 2017.

Faia LJ. From studies to clinical use: Uveitis data and case review. Consortium of Research and Education (CORE) Allergan, Detroit, MI, October 11, 2017.

Faia LJ. Sutureless intrascleral fixation of secondary intraocular lenses in uveitic patients. 5th Annual Vit-Buckle Meeting, Las Vegas, NV, April 18, 2017.

Faia LJ. Uncommon killers: Ocular manifestations of systemic disease. Current Controversies in the Management of Retinal Disease, Grand Rapids, MI, September 9, 2017.

Faia LJ. Uveitis update: What's out there and what's on the horizon. Retinal Update for the Contemporary Optometrist, Pontiac, MI, October 29, 2017.

Ophthalmology

Invited Research Presentations: continued

Hasbrook MA. Multimodal imaging and histologic correlation of isolated metastasis of prostate adenocarcinoma to the choroid. Michigan Association of Physicians with Indian Heritage (MAPI) Annual Meeting, Troy, MI, March 5, 2017.

Hassan TS. 3-D course on heads-up vitreoretinal surgery. American Academy of Ophthalmology Meeting, New Orleans, LA, November 10-14, 2017.

Hassan TS. 3-Dimensional vitreoretinal techniques and tips (panelist). Florence Retina (FLOREtina) Meeting, Florence, Italy, April 27-30, 2017.

Hassan TS. A new age of sterility in the surgical setting. Atlantic Eye Symposium, Halifax, Nova Scotia, Canada, September 29-30, 2017.

Hassan TS. Does posturing after retinal detachment repair make any difference? Atlantic Eye Symposium, Halifax, Nova Scotia, Canada, September 29-30, 2017.

Hassan TS. Innovations and advances in vitreoretinal surgery: The future of in-office vitrectomy. Canadian Ophthalmologic Society Annual Meeting, Montreal, Quebec, Canada, June 16-18, 2017.

Hassan TS. Instruction with the experts. American Academy of Ophthalmology Meeting, New Orleans, LA, November 10-14, 2017.

Hassan TS. Leaders in retina: A controlled comparison of the Dexamethasone implant (Ozurdex) vs. intravitreal anti-VEGF injections for diabetic macular edema. The Canadian Ophthalmological Society (COS), Mt. Tremblant, Quebec, Canada, June 2-3, 2017.

Hassan TS. Management of recurrent macular holes. American Academy of Ophthalmology Meeting, New Orleans, LA, November 10-14, 2017.

Hassan TS. Simultaneous dexamethasone intravitreal implant and anti-VEGF therapy for neovascular AMD resistant to Anti-VEGF monotherapy. Atlantic Eye Symposium, Halifax, Nova Scotia, Canada, September 29-30, 2017.

Hassan TS. Surgical controversies in vitrectomy for retinal detachment: ILM peeling during retinal detachment: Is it necessary? 17th EuRetina Congress, Barcelona, Spain. Europe, September 7-10, 2017.

Hassan TS. The quest to treat hypotony after successful PVR repair. Inaugural Fernie Retina Meeting, Fernie, British Columbia, Canada, January 22-25, 2017.

Hassan TS. The simultaneous comparative use of intravitreal dexamethasone implant vs. intravitreal anti-VEGF therapy for recalcitrant chronic diabetic macular edema. 20th Annual Club Vit Meeting, Mykonos, Greece. Europe, June 28-July 2, 2017.

Hassan TS. Vitreoretinal surgical techniques: How do I do it? (3DVideo Panel). 35th Annual American Society of Retina Specialists (ASRS) Meeting, Boston, MA, August 15, 2017.

Ophthalmology

Invited Research Presentations: continued

Khandan S. Axenfeld rieger and surgical challenges. American Society of Cataract and Refractive Surgery (ASCRS), Los Angeles, CA, May 5-9, 2017.

***Khandan S, Siegel MJ.** Long term follow-up of combined phacoemulsification and endoscopic in the treatment of mild to moderate glaucoma. American Glaucoma Society Annual Meeting, Coronado, CA, March 2-5, 2017.

Korot E. Algorithmic analysis of vitreous hyperreflective foci in OCT scans of patients with uveitis as a correlate of inflammation and visual acuity. Association for Research in Vision and Ophthalmology (ARVO), Baltimore, MD, May 7-11, 2017.

Korot E. Use of avegant glyph as a head mounted virtual retinal projection display to perform vitreoretinal surgery. Michigan Society of Eye Physicians and Surgeons (MiSEPS) 49th Annual Conference, Grand Rapids, MI, August 4, 2017.

Mahmoud TH. Autologous retinal transplant for macular holes: Initial experience. American Academy of Ophthalmology Meeting, New Orleans, LA, November 10-14, 2017.

Mahmoud TH. VMT and macular holes. Updates on imaging and interventions. Autologous retinal transplants for macular holes. European School for Advanced Studies in Ophthalmology Meeting, Berlin, Germany, June 23, 2017.

Mahmoud TH. Subretinal air for submacular hemorrhage. US initial experience. Autologous retinal transplant for macular holes and diseases. Panel surgical cases. ILM retracting door techniques. Japan Advanced Vitreous Surgery Meeting, Tokyo Japan, September 25-26, 2017.

Mahmoud TH. Surgical management of diabetic macular edema. Panel PDR surgery. Diabetic Retinopathy Conference, Cairo, Egypt, July 16, 2017.

Nguyen T, Rollenhagen E, Mielke C, **Siegel MJ, Citron M.** IOP reduction: Visco 360 vs. ab-externo canaloplasty. St. John Macomb/Oakland Annual Research Meeting, Madison Heights, MI, March 24, 2017.

Page T. Pre-operative risk factors for vault in accommodative intraocular lenses. American Society of Cataract and Refractive Surgery Complicated Case Symposium, Los Angeles, CA, May 5-9, 2017.

Page T. Surgical technique and intraoperative events associated with vaulting of accommodative intraocular lenses. American Society of Cataract and Refractive Surgery Complicated Case Symposium, Los Angeles, CA, May 5-9, 2017.

Page T. Suture guided capsular tension ring insertion for the prevention of iatrogenic zonular dialysis. Harvard University Intensive Cataract Course. Cambridge, MA, May 5-9, 2017.

Page T. Suture guided CTR rescue technique in patient with z-syndrome and vitreous prolapse. American Society of Cataract and Refractive Surgery Complicated Case Symposium, Los Angeles, CA, May 5-9, 2017.

Ophthalmology

Invited Research Presentations: continued

Price JM. Uveitis-glaucoma-hyphema syndrome caused by Soemmering ring cataract. American Society of Cataract and Refractive Surgery (ASCRS), Los Angeles, CA, May 5-9, 2017.

Raheem M, St. Aubin D, **Siegel MJ.** Medical clearance practice patterns in ophthalmology. Kresge Eye Institute 62nd Annual Research Symposium, Detroit, MI, June 9, 2017.

Randhawa S. The different flavors of retinal detachment. Retinal Update for the Contemporary Optometrist, Pontiac, MI, October 29, 2017.

Rao R. Don't crowd me: Crowding phenomenon in adults. Midwest Afro-Asian Council of Ophthalmology (AACO) Annual Meeting, Detroit, MI, May 24, 2017.

Rolain MA. FLACS: A brief overview and discussion on incorporating this procedure into your practice, SUNY Department of Ophthalmology. Current Concepts in Ophthalmology Conference, Atlantic City, NJ, January 6-7, 2017.

Rolain MA. Speaker. An interesting case of Refractive Surprise SUNY Department of Ophthalmology. Current Concepts in Ophthalmology Conference, Atlantic City, NJ, January 6-7, 2017.

Rooney D. Retinal detachment prevention in opaque-cornea eyes receiving a permanent keratoprosthesis. American Society of Cataract and Refractive Surgery (ASCRS), Los Angeles, CA, May 5-9, 2017.

Ruby AJ. A video tour through the world of vitreoretinal surgery. Retinal Update for the Contemporary Optometrist. Pontiac, MI, October 29, 2017.

Ruby AJ. Heads up, vitreoretinal surgery. American Academy of Ophthalmology Meeting, New Orleans, LA, November 10-14, 2017.

Ruby AJ. Panel discussion/MDs and PAs working together. ASRS Business of Retina Meeting, Dallas, TX, April 1-2, 2017.

Smith TA. In the bag uveitis–glaucoma–hyphema syndrome: A case series. American Society of Cataract and Refractive Surgery (ASCRS), Los Angeles, CA, May 5-9, 2017.

Trese MT. Advances in diagnosis and management of pediatric retinal diseases. Telemedicine for Retinopathy of Prematurity: Why and How. American Academy of Pediatric Ophthalmology and Strabismus (AAPOS), Durham, NC, March 24-25, 2017.

Trese MT. Latest developments in pediatric retina. EuRetina Meeting, Barcelona, Spain, Europe, September 7-10, 2017.

Trese MT. Pediatric retinal degenerations and retinal detachment: How do we treat? Florence Retina (FLOREtina) Meeting, Florence, Italy, April 27-30, 2017.

Ophthalmology

Invited Research Presentations: continued

Trese MT. Pediatric symposium. American Society of Retinal Specialists (ASRS), Boston, MA, August 11-15, 2017.

Trese MT. Persistent fetal vasculature syndrome: Classical, eccentric stalk, multifocal and management. Telemedicine. American Academy of Ophthalmology Meeting, New Orleans, LA, November 11-14, 2017.

Trese MT. Retinopathy of prematurity. Association for Research in Vision and Ophthalmology (ARVO), Baltimore, MD, May 7-11, 2017.

Trese MT. Surgical management of persistent fetal vasculature syndrome. 20th Duke Advanced Vitreous Surgery (AVS) Course and 3rd Retina Fellows AVS (Favs) Course, Durham, NC, April 20-22, 2017.

Trese MT. Tumors and pediatrics. Association for Research in Vision and Ophthalmology (ARVO), Baltimore, MD, May 7-11, 2017.

Trese MT. Update on retinal vein occlusions. Retinal Update for the Contemporary Optometrist. Pontiac, MI, October 29, 2017.

Williams GA. Intrasceral IOL fixation techniques. Retinal Update for the Contemporary Optometrist, Pontiac, MI, October 29, 2017.

Williams GA. Retinal detachment outcomes in IRIS. American Academy of Ophthalmology Meeting, New Orleans, LA, November 10-14, 2017.

Wolfe JD. Creating the most efficient practice. Retina World Congress Meeting, Fort Lauderdale, FL, February 23-26, 2017.

Wolfe JD. Navigating insurance reimbursement. Retina World Congress Meeting, Fort Lauderdale, FL, February 23-26, 2017.

Wolfe JD. Optimal management of diabetic macular edema: Optimizing the management of retinal vascular diseases with anti-VEGF therapy and more. Retina Forum, Dallas, TX, August 5, 2017.

Wolfe JD. Options for secondary intraocular lens (IOL) placement: Sutured, sutureless, iris fixed, anterior chamber IOL. Retina World Congress Meeting, Fort Lauderdale, FL, February 23-26, 2017.

Wolfe JD. Senile retinoschisis: Observations from ultra-widefield imaging. 20th Annual Club Vit Meeting, Mykonos, Greece, Europe, June 28-July 2, 2017.

Wolfe JD. Sutureless scleral fixation of dislocated IOLs. Retina Charter Club Meeting. British Virgin Islands, January 2017.

Ophthalmology

Website Contributions, Videoclips, or other Multi-Media Contributions:

***Shah A, Smith TA, Siegel MJ.** Trabectome with and without OVD. Eyetube, August 1, 2017.
<http://eyetu.be/uubmvav>

Non Peer-Reviewed Publications:

Ruby AJ. Management of anti-VEGF inventory: Careful planning avoids unnecessary costs. Retinal Physician. 2017. Jun1;14:34-35.

Wolfe JD. Intraocular pressure elevations are not necessarily glaucoma: Perspectives on ozurdex treatment. Retina Today Supplement, May/June 2017.

ORTHOPAEDIC SURGERY

Peer-Reviewed Articles:

Bawa HS, **Moore DD**, Pelayo JC, Cipriani N, Mak G, Haydon RC. Pediatric chondrosarcoma of the sternum resected with thorascopic assistance. *Open Orthop J*. 2017 May 31;11:479-485.

Clohisy JC, Ackerman J, Baca G, Baty J, Beaulé PE, Kim YJ, et al, [**Zaltz I**]. Patient-reported outcomes of periacetabular osteotomy from the prospective ANCHOR cohort study. *J Bone Joint Surg Am*. 2017. 99(1):33-41.

Cvetanovich GL, Lizzio V, Meta F, Chan D, **Zaltz I**, Nho SJ, et al. Variability and comprehensiveness of North American online available physical therapy protocols following hip arthroscopy for femoroacetabular impingement and labral repair. *Arthroscopy*. 2017. 33(11):1998-2005.

Flierl MA, Culp BM, Okroj KT, Spinger BD, Levine BR, Della Valle CJ. Poor outcomes of irrigation and debridement in acute periprosthetic joint infection with antibiotic-impregnated calcium sulfate beads. *J Arthroplasty*. 2017. 32(8):2505-2507.

Frisch NB, Nahm NJ, **Khalil JG**, Les CM, Guthrie ST, Charters MA. Short versus long cephalomedullary nails for pertrochanteric hip fracture. *Orthopedics*. 2017. 40(2):83-88.

Haggart J, Newton MD, Hartner S, Ho A, Baker KC, Kurdziel MD, et al, [**Wiater JM**]. Wear rates of 32-mm and 40-mm glenospheres in a reverse total shoulder arthroplasty wear simulation model. *J Shoulder Elbow Surg*. 2017. 26(11):2029-2037. **Awarded: 2017 Neer Award.**

Ho A, Kurdziel MD, Koueiter DM, Wiater JM. Three-dimensional computed tomography measurement accuracy of varying Hill-Sachs lesion size. *J Shoulder Elbow Surg*, published online December 1, 2017.

Kirsch JM, Bedi A, Horner N, **Wiater JM**, Pauzenberger L, **Koueiter DM**, et al. Tranexamic acid in shoulder arthroplasty: A systematic review and meta-analysis. *JBJS Rev*. 2017. 5(9):e3.

Kurdziel MD, Salisbury M, Kaplan L, Maerz T, Baker KC. Exposure of articular chondrocytes to wear particles induces phagocytosis, differential inflammatory gene expression and reduced proliferation. *J Mater Sci Mater Med*. 2017. 28(7):106.

Lilly RJ, Koueiter DM, Graner KC, Nowinski GP, Sadowski J, Grant KD. Computer-assisted navigation for intramedullary nail fixation of intertrochanteric femur fractures: A randomized, controlled trial. *Injury*, published online December 7, 2017.

Linkous N, Acker WB, **Bicos J**. The proximal biceps tendon and anterior shoulder pain. *Int Med Rev*. 2017 Oct;3(10).

***Maerz T, Fleischer M, Newton MD, Davidson A, Salisbury M, Altman P**, et al, [**Kurdziel MD, Anderson K, Baker KC**]. Acute mobilization and migration of bone marrow-derived stem cells following anterior cruciate ligament rupture. *Osteoarthritis Cartilage*. 2017. 25(8):1335-1344.

Orthopaedic Surgery

Peer-Reviewed Articles: continued

Moore DD, *Moravek J, Baker E, Salisbury M, Baker KC, Wiater JM. Exploring failure of total shoulder arthroplasty systems through implant retrieval, radiographic, and clinical data analyses. *J Shoulder Elbow Surg*, published online May 3, 2017.

Newton MD, Hartner SE, Timmons S, Delaney ND, Pirrone MG, Baker KC, et al, [*Maerz T]. Contrast-enhanced μ CT of the intervertebral disc: A comparison of anionic and cationic contrast agents for biochemical and morphological characterization. *J Ortho Pres*. 2017. 35(5):1067-1075.

Newton MD, Osborne J, Gawronski K, Baker KC, *Maerz T. Articular cartilage surface roughness as an imaging-based morphological indicator of osteoarthritis: A preliminary investigation of Osteoarthritis Initiative subjects. *J Orthop Res*. 2017. 35(12):2755-2764.

Okeagu CN, Baker EA, Barreras NA, Vaupel ZM, Fortin PT, Baker KC. Review of mechanical, processing and immunologic factors associated with outcomes of fresh osteochondral allograft transplantation of the talus. *Foot Ankle Int*. 2017. 38(7):808-819.

Pangrazzi GJ, Baker EA, Shaheen PJ, Okeagu CN, Fortin PT. Single-surgeon experience and complications of a fixed-bearing total ankle arthroplasty. *Foot Ankle Int*, published online October 16, 2017.

Sankar WN, Duncan ST, Baca GR, Beaulé PE, Millis MB, Peters CL, et al, [**Zaltz I**]. Descriptive epidemiology of acetabular dysplasia: The Academic Network of Conservational Hip Outcomes Research (ANCHOR) periacetabular osteotomy. *J Am Acad Orthop Surg*. 2017. 25(2):150-159.

Shields E, Ho A, Wiater JM. Management of the subscapularis tendon during total shoulder arthroplasty. *J Shoulder Elbow Surg*. 2017. 26(4):723-731.

Shields EJW, Koueiter DM, *Maerz T, Schwark A, Wiater JM. Previous rotator cuff repair is associated with inferior clinical outcomes after reverse total shoulder arthroplasty. *Orthop J Sports Med*. 2017. 5(10):2325967117730311.

Shore BJ, Miller PE, **Zaltz I**, Schoenecker PL, Sankar WN. Determining hinge abduction in Legg-Calve-Perthes disease: Can we reliably make the diagnosis? *J Pediatr Orthop*, published online December 6, 2017.

Siljander MP, Baker EA, Baker KC, Salisbury MR, Thor CC, Verner JJ. Fretting and corrosion damage in retrieved metal-on-polyethylene modular total hip arthroplasty systems: What is the importance of femoral head size. *J Arthroplasty*, published online October 16, 2017.

Siljander MP, Sobh AH, Baker KC, Baker EA, Kaplan LM. Multidrug-resistant organisms in the setting of periprosthetic joint infection-diagnosis, prevention, and treatment. *J Arthroplasty*, published online August 3, 2017.

Siljander MP, Vara AD, Koueiter DM, Wiater BP, Wiater PJ. Novel anterior plating technique for patella fracture fixation. *Orthopedics*. 2017. 40(4):e739-e743.

Orthopaedic Surgery

Peer-Reviewed Articles: continued

Sobh AH, *Brown L, Moore DD. Intramuscular hemangioma after total hip arthroplasty: An iatrogenic etiology. *Arthroplasty Today*, published online December 2017.

Sobh AH, Siljander MP, Mells AJ, Koueiter DM, Moore DD, Karadsheh MS. Cost analysis, complications and discharge disposition associated with simultaneous vs. staged bilateral total knee arthroplasty. *J Arthroplasty*, published online September 13, 2017.

Vara AD, Koueiter DM, Pinkas DE, Gowda A, Wiater BP, Wiater JM. Intravenous tranexamic acid reduces total blood loss and reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. *J Shoulder Elbow Surg.* 2017. 26(8):1383-1389.

Wiater JM, Carpenter S, Koueiter DM, Marcantonio D, Wiater BP. Influence of body mass index on clinical outcomes in reverse total shoulder arthroplasty. *J Surg Orthop Adv.* 2017. 26(3):134-142.

Yousif MJ, **Bicos J.** Biomechanical comparison of single-versus double-row capsulolabral repair for shoulder instability: A simple review. *Orthop J Sports Med.* 2017 Dec 4;5(12):2325967117742355.

Abstracts with Associated Research Presentations:

Clohisy J, Baca G, Beaulé P, Kim YJ, Millis M, Podeszwa D, et al, [**Zaltz I**]. Clinical outcomes of periacetabular osteotomy at mid-term: A prospective multi-center cohort study. Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-28, 2017.

Geisinger J, Roberts R, Jones C, Davidson A, Salisbury M, *Maerz T, et al, [Park D, Fischgrund J. Baker KC]. Effect of local delivery of SDF-1 and postoperative stem cell mobilization on bone formation and interbody fusion in an ovine model. Annual Meeting of the Lumbar Spine Research Society, Chicago, IL, April 6-7, 2017.

Haggart JR, Newton MD, Ho A, Hartner S, Baker KC, Kurdziel MD, et al, [Wiater JM]. Wear rates of 32mm and 40mm glenospheres in a reverse total shoulder arthroplasty in vitro wear simulation model. Specialty Day Meeting of the American Shoulder and Elbow Surgeons, San Diego, CA. March 11-14, 2017.

***Maerz T, Newton MD, Fleischer M, Hartner SE, Baker KC.** Acute changes in articular cartilage morphology correspond with subchondral and epiphyseal bone remodeling following anterior cruciate ligament rupture. 42nd Annual Meeting of the Orthopaedic Research Society, San Diego, CA, March 19-22, 2017.

***Maerz T, Newton MD, Gawronski K, Remer L, Baker KC, Coustry F, et al.** Increased joint laxity and altered bone and cartilage morphology in a mutant oligomeric matrix protein (COMP) mouse model of pseudoachondroplasia. 42nd Annual Meeting of the Orthopaedic Research Society. San Diego, CA, March 19-22, 2017.

Orthopaedic Surgery

Abstracts with Associated Research Presentations: continued

***Maerz T**, Sherman E, **Newton MD**, Yilmaz A, Kumar P, Graham SF, et al, [**Baker KC**]. A combined metabolomic and morphological analysis of a preclinical model of ACL injury-induced post-traumatic osteoarthritis. 42nd Annual Meeting of the Orthopaedic Research Society, San Diego, CA, March 19-22, 2017.

Newton MD, **Hartner SE**, **Gawronski K**, Davenport E, Timmons S, **Baker KC**, et al, [***Maerz T**]. Nondestructive assessment of the biomechanical properties of the intervertebral disc using both cationic and anionic contrast-enhanced μ CT. 42nd Annual Meeting of the Orthopaedic Research Society, San Diego, CA. March 19-22, 2017.

Rhyne A, **Fischgrund J**, Sasso R, Bae Y, Truumees E, Yuan P, et al. Treatment of chronic low back pain via ablation of the basivertebral nerve: Results of the SMART trial. Annual Meeting of the Lumbar Spine Research Society, Chicago, IL, April 6-7, 2017.

Schneider AD, Jakus A, Smith JT, Katchko KM, Chun DS, Weiner JA, et al, [**Newton MD**, ***Maerz T**, **Baker KC**]. Development of a ceramic-demineralized bone matrix biomaterial ink for 3D-printing of hyperelastic bone composite scaffolds for spinal fusion. 42nd Annual Meeting of the Orthopaedic Research Society, San Diego, CA, March 19-22, 2017.

Shields EJ, **Koueiter D**, ***Maerz T**, **Schwark A**, **Wiater JM**. Previous rotator cuff repair is associated with inferior clinical outcomes after reverse total shoulder arthroplasty. Annual Meeting of the American Shoulder and Elbow Surgeons New Orleans, LA, October 11-14, 2017.

Smith JT, **Wilhelm SK**, **Baker EA**, **Wiater JM**, **Baker KC**. Serum bone turnover biomarkers in revision surgery for shoulder arthroplasty loosening. 42nd Annual Meeting of the Orthopaedic Research Society, San Diego, CA, March 19-22, 2017.

Vara AD, **Koueiter DM**, **Gowda A**, **Pinkas D**, **Wiater BP**, **Wiater JM**. Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized, controlled trial. Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 19-23, 2017. **Awarded: Dallas B. Phemister, MD Physician in Training.**

Wilhelm SK, **Smith JT**, **Baker EA**, **Wiater JM**, **Baker KC**. Circulating biomarkers of bone metabolism in shoulder arthroplasty patients undergoing revision surgery for implant loosening. Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 19-23, 2017.

Wright JO, **Baker EA**, **Okeagu C**, **Fleischer M**, **Salisbury MR**, **Newton MD**, et al, [***Maerz T**, **Fortin PT**]. Local delivery of SDF-1 β via titania nanotube surfaces to promote osseointegration. 42nd Annual Meeting of the Orthopaedic Research Society, San Diego, CA, March 19-22, 2017.

Zaltz I. Abnormal growth of the upper femur following the modified-Dunn procedure. Annual Meeting of the Pediatric Society of North America, Barcelona, Spain, May 3-6, 2017.

Orthopaedic Surgery

Abstracts with Associated Research Presentations: continued

Zaltz I. An analysis of femoral version in patients undergoing periacetabular osteotomy. Annual Meeting of the Pediatric Society of North America, Barcelona, Spain, May 3-6, 2017.

Zaltz I. Determining hinge abduction in legg-calves Perthes Disease: Can we confidently make the diagnosis? Annual Meeting of the Pediatric Society of North America, Barcelona, Spain, May 3-6, 2017.

Zaltz I. Do compensatory anterior pelvic tilt and lumbar lordosis decrease following bilateral periacetabular osteotomy? Annual Meeting of the Pediatric Society of North America, Barcelona, Spain, May 3-6, 2017.

PATHOLOGY and LABORATORY MEDICINE

Peer-Reviewed Articles:

Amitay-Laish I, **Sundram U**, Hoppe RT, Medeiros BC, Kim YH. Localized skin-limited blastic plasmacytoid dendritic cell neoplasm: A subset with possible durable remission without transplantation. *JAAD Case Rep.* 2017 Jul 19;3(4): 310-315.

Aneese AM, Manuballa V, **Amin M**, Cappell MS. Bladder urothelial carcinoma extending to rectal mucosa and presenting with rectal bleeding. *World J Gastrointest Endosc.* 2017 Jun 16;9(6):282-295.

Bryant JR, Gardner P, Yousif M, **Pui JC**, Hajjar RT, Haas EA. Aggressive digital papillary adenocarcinoma of the hand presenting as a felon. *Case Rep Orthop.* 2017; 2017:6456342.

Cappell MS, Stevens CE, **Amin M**. Systematic review of giant gastric lipomas reported since 1980 and report of two new cases in a review of 117110 esophagogastroduodenoscopies. *World J Gastroenterol.* 2017 Aug 14;23(30):5619-5633.

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Ducatman AM, Tacker DH, **Ducatman BS**, Long D, Perrotta PL, Lawther H, et al. Quality improvement intervention for reduction of redundant testing. *Acad Pathol*, published online May 28, 2017.

Edupuganti S, Xie C, Wyrzykowski M, **Wey E**, **Xie M**. Hemorrhagic complications in patients receiving direct oral anticoagulant therapy in the post clinical trial general practice. *Am J Clin Exp Med.* 2017; 5(3):64-68.

Ezekwudo DE, Ifabiyi T, Gbadamosi B, **Haberichter K**, Yu Z, **Amin M**, et al. Breast implant-associated anaplastic large cell lymphoma: A case report and review of the literature. *Case Rep Oncol Med*, published online October 31, 2017.

Faraj K, Edwards L, **Gupta A**, Seifman B. Completely isolated retroperitoneal enteric duplication cyst with adenocarcinoma transformation managed with robotic radical nephrectomy. *J Endourol Case Rep.* 2017 Mar 1;3(1):31-33.

Pathology and Laboratory Medicine

Peer-Reviewed Articles: continued

Ferrufino-Schmidt MC, Medeiros LJ, Liu H, Clemens MW, Hunt KK, **Amin MB**, et al. Clinicopathologic features and prognostic impact of lymph node involvement in patients with breast implant-associated anaplastic large cell lymphoma. *Am J Surg Pathol*, published online December 2, 2017.

Ganapini V, Jaurigue M, **Amin MB**, Ghaith G, Cappell MS. ERCP for diagnosis and extraction of choledochal phytobezoar causing right upper quadrant abdominal pain and cholestasis in a patient without prior sphincterotomy or biliary instrumentation. *Gastrointest Endosc*. 2017 Jun;85(6):1296-1298.

Gjeorgjievski M, Mogrovejo E, **Amin MB**, Cappell MS. Primary duodenal aspergillosis in a patient with alcoholic cirrhosis and poorly controlled diabetes mellitus. *ACG Case Rep J*. 2017 Nov; 3(4): e147.

*Goncalves LF, Berger JA, **Macknis JK**, Bauer ST, Bloom DA. Grebe Dysplasia: Prenatal diagnosis based on rendered 3-d ultrasound images of fetal limbs. *Ped Rad*. 2017 Jan;47(1): 108-112.

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Hajj-Hussein I, **Toushan M, Amin M, Blenc AM**. Integrative approach for teaching histology and histopathology of the gastrointestinal tract using an IBD case. *Histol Cytol Embryol*. 2017;1:1-5.

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Micale MA, Powers S*, Embrey B, Williams J, Burroughs M, **Huang JZ**. Significant cytogenomic evolution identified by SNP chromosome microarray analysis accompanies plasmablastic transformation of a hyperdiploid plasma cell myeloma. *J Hematopathol* 2017. 10:133.

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Pathology and Laboratory Medicine

Peer-Reviewed Articles: continued

Morace R, **Kumar T**, Tantisattamo E, Gibson J, Britton S, **Li W**, et al, [**Kanaan HD, Zhang PL, Boyanton BL Jr**]. Feasibility of BK virus real-time pcr testing in renal graft biopsies with negative SV40 staining. *Transplant Proc.* 2017;49:1294-1300.

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Ogunleye F, **Huang J**, Ibrahim M, Allen E, Brennan N, Yu Z, et al. Reply to SE Langabeer. *J Oncol Prac.* 2017 Apr 13(4):285-286.

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Orosey M, Desai T, **Amin M**, Cappell MS. Malignant gastrocolic fistula diagnosed by esophagogastroduodenoscopy and colonoscopy. *Minerva Gastroenterol Dietol.* 2017 Jun;63(2):165-167.

Pardal J, **Sundram U**, Selim MA, Hoang MP. GATA3 and MYB expression in cutaneous adnexal neoplasms. *Am J Derm.* 2017 Apr;39(4):279-286.

Ruiz-Cordero R, **Gupta A**, Jayakumar AR, Ciancio G, Nielsen P, Jorda M. Adrenal oncocytic neoplasm with paradoxical loss of important mitochondrial steroidogenic protein: The 18 kda translocator protein. *Case Rep Endo.* 2017;2017:1-7.

Toushan M, Atodaria A, Lynch SD, **Kanaan HD, Yu L, Amin MB**, et al, [**Zhang PL**]. Bilateral testicular infarction from IgA vasculitis of the spermatic cords. *Case Reports in Nephrology* Volume 2017, Article ID 9437965.

Wang J, Xu-Monette ZY, **Jabbar KJ**, Shen Q, Manyam GC, et al. AKT hyperactivation and the potential of AKT-targeted therapy in diffuse large b-cell lymphoma. *Am J Path.* 2017 Aug;187(8):1700-1716.

Ward N*, **Baqai J***, Zehnpfennig A, Fine N, **Huang J, Smith MD**. Bcl-2 maturation pattern in t-cells distinguishes thymic neoplasm/hyperplasia, t-lymphoblastic lymphoma, and reactive lymph nodes. *Cytometry B Clin Cytom*, published online July 17, 2017.

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Pathology and Laboratory Medicine

Peer-Reviewed Articles: continued

Yang H, **Yu L**. Cutaneous and superficial soft tissue CD34-positive neoplasms. Arch Pathol Lab Med. 2017 Aug;141(8):1092-1100.

Yu Z, Pang Y, Wang L, Ezekwudo DE, Ogunleye F, Gaikazian SS, et al, [**Micale M, Huang J, Blenc AM**]. Unusual presentation of a small-cell variant of anaplastic large-cell lymphoma case: When a septic picture is not sepsis. Case Rep Hematol, published online September 24, 2017.

Zhang X, Chen L, Xu Y, Zhang X, Shi Y, Wang C, et al, [**Zhang PL**]. Improving the cytological diagnosis of high-grade serous carcinoma in ascites with a panel of complementary biomarkers in cell blocks. Cytopathology, published online December 27, 2017.

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Book Chapter or Full Book Publications:

Tibbetts RJ, **Robinson-Dunn B**. Best practices in blood cultures. In: Dunne WM Jr, Burnham CAD, editors. The dark art of blood cultures. Washington DC: ASM Press, 2018. p.183-206.

Abstracts with Associated Research Presentations:

Abbott E, Shaffer K, Bayci AB, Hothem Z, Thibodeau B, Ahmed S, et al, [**Uzieblo A**]. Predicting lymph node positivity in melanoma patients. Society of Surgical Oncology 70th Annual Cancer Symposium, Seattle, WA, March 15-18, 2017.

Appleford C, Donev K, Qu Z. Metastatic anaplastic oligodendroglioma to the scapula: A rare but real diagnostic challenge. American Society for Clinical Pathology (ASCP) Annual Meeting, Chicago, IL, September 6-8, 2017.

Bassett M, Shetty M, Menias CO, **Amin M**, Jafri SZ. The urinary bladder: A multimodality review of uncommon pathology. 103rd Radiologic Society of North America (RSNA) Annual Meeting, Chicago, IL, November 26-December 1, 2017.

Bhatt M, Barry K, Wang AM, Silbergleit R, **Donev K**, Olson R. Spine prime time. 55th Annual American Society of Neuroradiology, Long Beach, CA, April 24-27, 2017.

Bhatt M, Wang AM, Krishnan A, Silbergleit R, Olson R, Cao N, et al, [**Donev K**]. Brain teasers...try to untangle! 55th Annual American Society of Neuroradiology, Long Beach, CA, April 24-27, 2017.

Chon C, **Gjorgova-Gjeorgjievski S, Haberichter KL, Boyanton BL Jr, Fennell T**. Acute myeloid leukemia with BCR-ABL1: A rare hematologic malignancy. Summer Internship Poster Presentation. OUWB School of Medicine, Rochester, MI, August 2017.

Pathology and Laboratory Medicine

Abstracts with Associated Research Presentations: continued

Cousineau C, Douglas-Nikitin V, Posey YF, Sykes E. Primary adrenal lymphoma presenting with severe hyponatremia. American Society for Clinical Pathology (ASCP) Annual Meeting, Chicago, IL, September 6-8, 2017.

Cousineau C, Li W. Assessing the mutation profile in colorectal carcinoma using next generation sequencing. American Society for Clinical Pathology (ASCP) Annual Meeting, Chicago, IL, September 6-8, 2017.

Cousineau C, Roszka JP, Lewinski KL, Wei Li W, Kannan HD, Zhang PL. There is high sensitivity and specific for the correlation between frozen and permanent sections in renal transplant biopsies. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, San Antonio, TX, March 4-10, 2017.

Cousineau C, Zhang PL, Qu Z. Reduced androgen receptor expression supports diagnosis of hepatocellular carcinoma. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, San Antonio, TX, March 4-10, 2017.

Edhi A, **Amin M**, Cappell MS. Primary intestinal lymphangiectasia diagnosed in an octogenarian: Diagnosis by ileal intubation and push enteroscopy after failed diagnosis by standard colonoscopy and EGD. Am J Gastroenterol. 2017 Oct; 112(1):s1340. Annual Convention of the American College of Gastroenterology, Orlando, FL, October 13-18, 2017.

Edupuganti S, Xie C, Wyrzykowski M, **Wey E, Xie M.** Hemorrhagic complications in patients receiving direct oral anticoagulant therapy in the post clinical trial general practice. Am J Clin Exp Med. 2017;5 (3):64-68. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, San Antonio, TX, March 4-10, 2017.

Gjorgova-Gjeorgjievski S, Zhang PL, Qu Z. Establishing the baseline levels of eosinophils in adult rectal mucosa. American Society for Clinical Pathology (ASCP) Annual Meeting, Chicago, IL, September 6-8, 2017.

Gupta A, Amin MB, Hafron JM, Dave CN, **Zhang PL.** Kidney injury molecule-1 expression helps to differentiate mixed germ cell neoplasms of testis from classic seminoma. Michigan Association of Physicians of Indian Heritage (MAPI), Troy, MI, March 5, 2017.

Gupta A, Li W. Clinicopathologic study of isolated colitis in peri-appendiceal orifice region: Further evidence of association with non-steroidal anti-inflammatory drugs. American Society for Clinical Pathology (ASCP) Annual Meeting, Chicago, IL, September 6-8, 2017.

Gupta A, Li W. Malignant transformation of a retroperitoneal completely isolated enteric duplication cyst. American Society for Clinical Pathology (ASCP) Annual Meeting, September 6-8, 2017, Chicago, IL, September 6-8, 2017.

Gupta A, Micale M, Bernacki K. Fluorescence in-situ hybridization analysis on cytologic smears: An accurate and efficient method in the diagnosis of melanotic Xp11 translocation renal cancer. College of American Pathologists (CAP) Annual Meeting, National Harbor, MD, October 8-11, 2017.

Pathology and Laboratory Medicine

Abstracts with Associated Research Presentations: continued

Gupta A, Zhang P, Amin MB, Li W. Completely isolated duplication cyst with malignant transformation/mucinous adenocarcinoma in the retroperitoneum. American Society for Clinical Pathology (ASCP) Annual Meeting, Chicago, IL, September 6-8, 2017.

Hader I, **Amin M**, Cappell MS. Case report of pathognomonic findings of severe colchicine effect in the esophagus, a rarely reported site of colchicine effect. Am J Gastroenterol. 2017 Oct; 112(1):s951-s952. Annual Convention of the American College of Gastroenterology, Orlando, FL, October 13-18, 2017.

Hader I, **Amin M**, Fisher A, Tasleem S, Cappell MS. Case report of acute liver failure secondary to hemophagocytic lymphohistiocytosis. Am J Gastroenterol. 2017 Oct; 112(1):s1275 2017 Annual Convention of the American College of Gastroenterology, Orlando, FL, October 13-18, 2017.

Hakim S, **Amin M**, Hader I, Cappell MS. Salmonella aortitis: A rare life-threatening complication of non-typhoid salmonella. Am J Gastroenterol. 2017 Oct; 112(1):s1359-s1360. Annual Convention of the American College of Gastroenterology, Orlando, FL, October 13-18, 2017.

Hakim S, Orosey M, **Amin M**, Cappell MS. Primary advanced gallbladder malignant melanoma successfully eradicated with immunotherapy and BRAF inhibitors. Am J Gastroenterol. 2017 Oct; 112(1):s733-734. Annual Convention of the American College of Gastroenterology, Orlando, FL, October 13-18, 2017. **Awarded: 2017 Presidential Poster**

Irani MS, Simpson P, Zhang L, **Toushan M**, Karafin M. Hypotension and citrate toxicity are more common in patients receiving plasma exchange where saline is used as partial replacement fluid with albumin. American Association of Blood Banks (AABB) Annual Meeting, San Diego, CA, October 5-10, 2017.

Lai Z, Zhang PL, Qu ZH, Hafez-Khayyata S. Groove pancreatitis: Case report. American Society for Clinical Pathology (ASCP) Annual Meeting, Chicago, IL, September 6-8, 2017.

***Landolfi E, Fletcher C, Millward P.** Survey assessing facilitating blood support for chronically transfused patients: Is a national RBC molecular registry a viable recourse? BBANYS Annual Meeting, Syracuse, NY, June 15, 2017.

***Landolfi E, Fletcher C, Millward P.** Implementation of a system-wide platelet inventory report optimizes platelet utilization and reduces unit wastage. American Association of Blood Banks (AABB) Annual Meeting, San Diego, CA, October 6-10, 2017.

Macumber A, **Simkowski KW.** Performance evaluation of the HIV Ag/Ab combo (CHIV) assay on the Siemens ADVIA Centaur XP System. Clin Chem. 2017 63(10). American Association for Clinical Chemistry (AACC) National Meeting, San Diego, CA, July 29-August 3, 2017.

Nguyen T, Gjorgova-Gjeorgjievski S, Smith MP. Anhydrous caffeine: Overdose in tablespoons. Arch Path Lab Med. 2017 Sep; 141(9):e2-e191. College of American Pathologists (CAP17) Annual Meeting, National Harbor, MD, October 8-11, 2017.

Pathology and Laboratory Medicine

Abstracts with Associated Research Presentations: continued

Otoupalova E, Dalal B, Meka S, Jayaschandran V, **Khayyata S**, Nair G. Left versus right: Does site and timing of surgical lung biopsy for interstitial lung disease influence outcomes? *Am J Resp and Crit Care Med.* 2017;195:A7704. American College of Physicians, Michigan Chapter, Williamsburg, MI, October 19-22, 2017.

Qu Z, Micale MA, Zhang PL. A web-based pathology reporting system enhances efficiency and promotes standardization in routine practice. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, San Antonio, TX, March 4-10, 2017.

***Roquiz W, Huang JZ.** Rapid diagnosis of aggressive mature BNHL based on graphic presentation and statistic descriptions of FSC parameters by flow cytometry. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, San Antonio, TX, March 4-10, 2017.

***Shen Y, Huang JZ, Liu B, Zhang PL.** GRP94, a chaperone protein, represents a new target for treating multiple myeloma. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, San Antonio, TX, March 4-10, 2017.

Sutherland E, Bhatt M, Shetty M, Basmaji C, **Amin M**, SZ Jafri. Atypical causes of splenic hemorrhage and rupture. The Society of Abdominal Radiology (SAR) Annual Scientific Meeting and Educational Course, Hollywood, FL, March 26-31, 2017.

Thapar K, Karabon P, **Smith MD.** Utility and application of laboratory consultation for antiphospholipid antibody: The William Beaumont Hospital experience. International Society of Laboratory Hematology Annual Meeting, Honolulu, HI, May 4-8, 2017.

Toushan M, Zhang PL, Wei Li W, Kanaan HD. Concurrent immune complex glomerulonephritis (GN) and ANCA-associated crescentic glomerulonephritis (CGN). American Society for Clinical Pathology (ASCP) Annual Meeting, Chicago, IL, September 6-8, 2017.

***Ward N, Zhang PL.** Low ratio of CD68/kidney injury molecule-1 (KIM-1) expression in the proximal tubules of renal biopsies is associated with worse renal recovery at six-month follow-up. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, San Antonio, TX, March 4-10, 2017.

Wey E. Pathology of aggressive b-cell lymphomas and therapeutic perspectives. 3rd Annual Beaumont Interdisciplinary Oncology Symposium, Troy, MI, March 4, 2017.

Wyrzykowski M, Gu J, **Xie M.** Commonly used antithrombotic agents in patients with prolonged partial thromboplastin time. American Society for Clinical Pathology (ASCP) Annual Meeting, Chicago, IL, September 6-8, 2017.

Xie M, Edupuganti S, Xie C, Wyrzykowski M, Wey E. Hemorrhagic complication and its laboratory evaluation in patients receiving direct oral anticoagulants. *Am J Clin Exp Med.* 2017; 5(3):64-68. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, San Antonio, TX, March 4-10, 2017.

Pathology and Laboratory Medicine

Abstracts with Associated Research Presentations: continued

Xie M, Wyrzykowski M. Laboratory assessment of hemorrhagic risk in patients with DOAC therapy associated hemorrhage. College of American Pathologists (CAP) Annual Meeting, National Harbor, MD, October 8-11, 2017.

Zhang PL. Angiotensin-2 expression is increased in macrophages during acute cellular rejection (ACR) of human allografts. Annual Meeting of American Society of Nephrology, New Orleans, LA, October 21-November 5, 2017.

Zhang PL, Herrera GA, Lewinski KL, Liu B. Pathologic findings in monoclonal glomerulopathy with features of cryoglobulinemic nephropathy in the kidneys of Vk*MYC transgenic model of multiple myeloma. Annual Meeting of American Society of Nephrology, New Orleans, LA, October 21-November 5, 2017.

Invited Research Presentations:

Ducatman AM, **Ducatman BS**, Perrotta PL, Tacker DH. Use of laboratory data to improve high value care in the diagnosis of myocardial infarction. Association of Pathology Chairs (APC) Annual Meeting, Washington, DC, July 26, 2017.

Ducatman BS. Academic pathology compensation models: The APC Survey Data. Southeast Association of Pathology Chairs Annual Meeting, St. Augustine, Florida, October 26, 2017.

Ducatman BS. Thyroid FNA: Overcoming the fear of follicles. West Virginia Association of Pathologists Annual Meeting, Morgantown WV, September 30, 2017.

Ducatman BS. Using pathology data to improve high-value healthcare. Michigan Society of Pathologists, Plymouth MI, December 2, 2017.

Robinson-Dunn BE. Identification and susceptibility testing of nontuberculous mycobacteria. Southwestern Association for Clinical Microbiology, St. Louis, MO, September 7, 2017.

Yu L. Artificial intelligence and medicine. National Supercomputer Center in Jinan, Jinan China, October 25, 2017.

Yu L. Advances in sweat gland neoplasms. Qianfoshan Hospital of Shandong Province, Jinan China, October 23, 2017.

Yu L. Artificial intelligence in medicine: Hype and myth, Academy of Chinese Medical Sciences, Institute of Dermatology, Nanjing, China, March 23, 2017.

Yu L. Future pathology, hot and practical topics in diagnostic pathology. 3rd Chinese American Pathologists Association Diagnostic Pathology Course, Chicago, IL, August 19, 2017.

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Invited Research Presentations: continued

Yu L. Melanocytic lesions. Jiangsu TCM Hospital, Nanjing, China, March 29, 2017.

Yu L. Practicing medicine in the era of artificial intelligence. 30th Anniversary Symposium, School of Medicine Nanjing University, Nanjing, China, May 16, 2017.

Website Contributions, Videoclips, or other Multi-Media Contributions:

Ducatman BS. The APC P and M survey. Live Webinar (recorded presentation also available on the APC website), September 27, 2017.

PEDIATRIC SERVICES

Peer-Reviewed Articles:

Abbot E, Chan J, *Boura J, **Novotny N**. In pursuit of the most cost effective laparoscopic appendectomy: The effect of disposable instruments on operative time and surgeon-controllable cost. *J Laparoendosc Adv Tech A*. 2017 Dec;27(12):1309-1313.

Amin SB, **Maisels MJ**, Watchko JF. Early lipid infusions and unbound bilirubin in preterm neonates: A cause for concern? *J Pediatr*. 2017 May; 184; 6-7.

Brown JR, Milgraum M, Riyaz FR, Jahnke MN, **Thottam PJ**. Successful placement of a BAHA implant in a patient with epidermolysis bullosa: A case report and review of the literature. *Ann Otol Rhinol Laryngol*. 2017 Nov;126(11):778-780.

Butala S, **Berman B**. Middle eastern adolescent with macrocytic anemia. *Glob Pediatr Health*. 2017 Feb 14;4:2333794X17691436.

Chang PW, Newman TB, **Maisels MJ**. Update on predicting severe hyperbilirubinemia and bilirubin neurotoxicity risks in neonates. *Curr Pediatr Rev*. 2017; 13(3): 181-187.

Davis J, **Novotny N**, Macknis J, Alpay-Savasan Z, *Goncalves LF. Diagnosis of neonatal neuroblastoma with postmortem magnetic resonance imaging. *Radiol Case Rep*. 2017 Mar;12(1):191-195.

Delgado M, Bonikowski M, Carranza J, **Dabrowski E**, Matthews D. Safety and efficacy of repeat treatment with abobotulinumtoxinA in ambulatory children with lower limb spasticity due to cerebral palsy. *J Child Neurol*. 2017 Nov;32(13):1058-1064.

del Mar Romero Lopez M, Pryce C, Maisels MJ. A newborn with a blueberry muffin rash, hepatosplenomegaly, thrombocytopenia and severe cholestatic jaundice at birth. *Clin Pediatr OA*. 2017 July 2(3).

Ebbesen F, Hansen TWR, **Maisels MJ**. Update on phototherapy in jaundiced neonates. *Curr Pediatr Rev*. 2017; 13(3):176-180.

Elias M, Al-Mudares F, Gonzalez I, Espinosa M. A cardiac mass in a neonate. *Glob Pediatr Health*. 2017 Nov 24;4:2333794X17741820.

Ellis DA, Carcone AI, Ondersma SJ, Naar-King S, **Dekelbab B**, Moltz K. Brief computer-delivered intervention to increase parental monitoring in families of African American adolescents with type 1 diabetes: A randomized controlled trial. *Telemed J E Health* 2017. Jun;23(6):493-502.

Flaherman VJ, **Maisels MJ**. AMB clinical protocol #22: Guidelines for management of jaundice in the breastfeeding infant 35 weeks or more of gestation - revised 2017. *Breastfeeding Medicine*. 2017 Jun 12(5):250-257.

Pediatric Services

Peer-Review Articles: continued

Ghanim MT, **Berman B**. Immune hemolytic anemia (paroxysmal cold hemoglobinuria) preceding Burkitt Lymphoma in a 12-year-old child. *J Pediatr Hematol Oncol*. 2017 Jan; 39(1); e25-e26.

Gobel M, Avula S, Duquette D, Gillary R, Fosse G, Swor RA, et al, [**Cutler N**]. Sudden cardiac arrest preparedness in Michigan: Partnering with project ADAM to develop a HEART safe schools state model. *Progress in Pediatric Cardiology*. 2017 Jun 1; 45:43-48.

James CA, Gonzalez I, Khandhar P, Freij BJ. Severe mitral regurgitation in a child with Henoch-Schölein pupura and pulmonary hemorrhage. *Glob Pediatr Health*. 2017 Sep 1;4:2333794X17726940.

Johns P, **Novotny N**. Barbed sutures in thoracoscopic diaphragm plication. *Videoscopy*, published online September 11, 2017.

Lausecker F, Tian X, Inoue K, Wang Z, Pedigo C, **Hassan H**, et al. Vinculin is required to maintain flomerular barrier integrity. *Kidney Int*, published online December 12, 2017.

Lee YA. White matter injury of prematurity: Its mechanisms and clinical features. *J Pathol Transl Med*. 2017 Sept; 51(5):449-455.

Marvicsin D, Jennings P, Ziegler-Bezaire D. What is new in diabetes technology. *J Nurse Practitioners*. 2017; Mar13(3):205-209.

May DKK, Ellis DA, Cano A, **Dekelbab B**. Improving diabetes-related parent-adolescent communication with individual feedback. *J Pediatr Psychol*. 2017 Nov 1;42(10):1114-1122.

Novotny N, Puentes MC, Leopold R, Ortega M, Godoy-Lenz J. The Burnia: Laparoscopic sutureless inguinal hernia repair in girls. *J Laparoendosc Adv Surgery Tech A*. 2017 Apr 27(4):430-433.

Ogunyemi D, Friedman P, Betcher K, Whitten A, Sugiyama N, Qu L, et al, [***Kohn A**]. Obstetrical correlates and perinatal consequences of neonatal hypoglycemia in term infants. *J Matern Fetal Neonatal Med*. 2017 Jun; 30(11); 1372-1377.

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Faught AM, Yamamoto T, Castillo R, **Castillo E**, *Zhang J, Miften M, et al. Evaluating which dose-function metrics are most critical for functional guided radiation therapy with CT ventilation imaging. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

*Foster L, Wallace M, **Dilworth JT**, *Firestone M, **Ye H, Chen PY**, et al, [**Gustafson G, Jawad MS**]. Toxicity profiles following whole breast irradiation plus sequential boost using hypofractionated or conventionally fractionated treatment. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Grills IS, Lee KC, Belderbos J, Hope AJ, Giuliani ME, Guckenberger M, et al. International collaborative propensity-based matched pair analysis of operable early stage lung cancer patients treated with stereotactic body radiation therapy compared to resection: Differences in recurrence and survival with prolonged follow-up. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Grills IS, Lee KC, *Hymas RV, **Ye H, Sura K, Johnson MC**, et al, [**Deraniyagala R, Stevens CW**]. Operable stage I non-small cell lung cancer treated with stereotactic radiotherapy (SBRT) compared to surgical lobectomy: Failure patterns and implications for management. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Hauck CR, Qin A, Liang J, Ye H, Krauss DJ, Grills IS, Yan D. Factors associated with organ geometric and treatment dose variations identified during PET-CT-based adaptive head and neck cancer radiotherapy. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Radiation Oncology

Abstracts with Associated Research Presentations: continued

Hauck C, Thibodeau B, Ahmed S, ***Johnson M**, **Wilson GD**. Targeted DNA sequencing of non-small cell lung cancer identifies mutations associated with brain metastases. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Kesarwani P, Kumar P, **Kant S**, **Prabhu A**, **Wilson GD**, Graham S, et al, [**Chinnaiyan P**]. GDC-0919 modulates tryptophan metabolism in glioblastoma and enhances radiation response. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Lack D, **Chen PY**, **Dilworth JT**, **Jawad MS**, **Gustafson GS**, **Liu Q**. Biological effective dose (BED) of two accelerated partial breast irradiation (APBI) techniques used in RTOG 0413/NSABP-39. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Lack D, **Liang J**, **Benedetti L**, **Knill C**, **Yan D**. Advanced detection of potential errors during patient treatment planning. American Association of Physicists in Medicine (AAPM) Annual Meeting, Denver, CO, July 30-August 3, 2017.

Lanni TB, **Stevens CW**, **Li X**, **An Q**, **Kabolizadeh P**, **Ding X**. Dose sparing effectiveness of spot-Scanning Proton Arc (SPArc) therapy versus intensity-modulated proton radiotherapy in oropharyngeal carcinoma: Potential for less toxicities. Particle Therapy Co-Operative Group-North America (PTCOG-NA) 4th Annual Conference, Chicago, IL, October 23-25, 2017.

Lanni TB, **Stevens CW**, Welsh R, Keena D, Akhtar A, Mezwa D. The effect of positive lung-RADS results in a lung cancer screening program: The Beaumont Health experience. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Li X, **Kabolizadeh P**, **Zhou J**, **Qin A**, **Yan D**, **Guerrero T**, et al, [**Grills IS**, **Stevens CW**, **Ding X**]. Mitigation of interplay effects using a novel robust, delivery-efficient and continuous spot scanning proton arc therapy for lung cancer. American Association of Physicists in Medicine (AAPM) Annual Meeting, Denver, CO July 30-August 3, 2017.

Liang J, **Zhou J**, **Zhou D**, **Qin A**, **Yan D**. Assess tumor intra-fraction motion and dose variation by using intra-fraction KV projection streaming. American Association of Physicists in Medicine (AAPM) Annual Meeting, Denver, CO July 30-August 3, 2017.

Lin HY, **Limbacher A**, Wallace M, **Ye H**, **Dilworth JT**, **Grills IS**, et al, [**Chen PY**]. Acute and chronic toxicities from multi-lumen versus single-lumen brachytherapy: Correlating clinical outcome with dosimetry. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Lin HY, **Ye H**, **Krauss DJ**. Muscle invasive bladder cancer survival after radical cystectomy or definitive chemoradiation: A National Cancer Data Base matched pair analysis. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Radiation Oncology

Abstracts with Associated Research Presentations: continued

Michael DB, Hanna A, Wilson TG, Fontanesi G, Buelow K, Martinez A, et al, [**Wilson GD**]. External radiation and amyvid treatment is associated with reduction of a β plaque burden. Society for Neuroscience, Washington, DC, November 11-15, 2017.

Myziuk N, Guerrero TM, Castillo E, Solis D, *Zhang J, Sakthivel G, et al. Pulmonary blood mass dynamics during tidal breathing measured from 4DCT. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

*Nguyen B, **Sura K**, Gemayel R, **Ye H, Sebastian E, Limbacher A**, et al, [**Blas KG, Seymour ZA, Krauss DJ**]. Correlating acute and chronic gastrointestinal toxicity and dose volume parameters using surrogate rectal contours in ultrasound based planning for high dose rate prostate brachytherapy. American Brachytherapy Society (ABS) Annual Meeting, Boston, MA, April 20-22, 2017.

Ogunleye FN, **Sura K**, Blankenship L, Ezekwudo D, Gbadamosi B, Jaiyesimi IA, et al, [**Kabolizadeh P**]. Treatment patterns for resected gastric cancer using the National Cancer Database. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL, June 2-6, 2017.

Prabhu A, Kesarwani P, Kant S, Graham SF, Chinnaiyan P. Histologically defined intratumoral sequencing uncovers evolutionary cues into conserved molecular events driving gliomagenesis. American Association for Cancer Research (AACR) Annual Meeting, Washington DC, April 1-5, 2017.

Qin A, Liang J, Yan D. A clinical treatment dose monitoring system based on CBCT. American Association of Physicists in Medicine (AAPM) Annual Meeting, Denver, CO, July 30-August 3, 2017.

Quinn T, Galoforo S, Wilson TG, Ahmed S, **Wilson GD**. Dual EGFR and PI3k/mTOR targeting of head and neck cancer in combination with radiation. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Sahebjam S, Forsyth P, Arrington J, Jaglal M, Tran ND, Etame AB, et al, [**Chinnaiyan P**]. A phase I trial of hypofractionated stereotactic irradiation (HFSRT) with pembrolizumab and bevacizumab in patients with recurrent high-grade gliomas. Annual Meeting of the Society for Neuro-Oncology (SNO), San Francisco, CA, November 16-19, 2017.

Sandler KA, Cook RR, Ciezki JP, Shaikh T, Stock RG, Merrick GS, et al, [**Krauss DJ**]. Clinical outcomes for patients with Gleason score 10 prostate adenocarcinoma: Results from a multi-institutional consortium study. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Sandler KA, Ciezki JP, Ross AE, Cook RR, Shaikh T, Stock RG, et al, [**Krauss DJ**]. Whole pelvis radiation therapy does not significantly improve prostate-cancer specific survival in patients with Gleason Score 9-10 prostate adenocarcinoma: An analysis of 942 patients treated in the modern era. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Radiation Oncology

Abstracts with Associated Research Presentations: continued

Siddiqui Z, Thibodeau B, Ahmed S, Dekhne N, Benitez P, Amin M, et al, [**Grills I, Wilson GD**]. Mutational landscape of radiation-induced angiosarcoma in breast cancer patients. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Stam B, **Grills IS**, Kwint M, Guckenberger M, Mantel F, Hope AJ. SBRT for central tumors in early stage NSCLC patients. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Sura K, Gemayel R, Nguyen B, **Ye H, Sebastian E, Limbacher A**, et al, [**Blas KG, Seymour ZA, Krauss DJ**]. Correlating acute and chronic genitourinary toxicity and dose volume parameters in ultrasound based planning for high dose rate prostate brachytherapy. American Brachytherapy Society (ABS) Annual Meeting, Boston, MA, April 20-22, 2017.

Sura K, Grills IS, Kabolizadeh P, Zhou J, Li X, Yan D, et al, [**Krauss DJ, Chinnaiyan P, Ding X**]. Feasibility of spot-scanning proton arc fractionated radiosurgery to the post-operative cavity for brain metastases. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Sura K, Li X, Maitz A, Grills IS, Qin A, Zhou J, et al, [**Stevens CW, Kabolizadeh P, Yan D, Chinnaiyan P, Ding X**]. Feasibility of spot-scanning proton arc radiosurgery of a single peripheral brain metastasis. 56th Annual Conference of the Particle Therapy Co-Operative Group (PTCOG), Japan, May 8-13, 2017.

Sura K, Olariu E, **Grills IS**, Tech KE, Krishnan A, Wang A, et al, [**Chinnaiyan P**]. Limitations of MR perfusion for predicting tumor progression after radiosurgery for brain metastases. Radiological Society of North America (RSNA) 103rd Scientific Assembly and Annual Meeting, Chicago, IL, November 26-December 1, 2017.

Sura K, Wilson LD, **Grills IS**. Comparison of self-reported data on student doctor network to objective data of the National Resident Matching Program for individuals applying to radiation oncology. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Sura K, Ye H, Vu CC, Robertson JM, Kabolizadeh P. How many lymph nodes is enough? Defining the optimal lymph node dissection in stage I-III gastric cancer using the National Cancer Database. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL, June 2-6, 2017.

Thompson A, Thapa R, Galoforo S, Hang X, **Buelow K, Wilson GD**. Targeting stem cells in head and neck cancer using superparamagnetic iron oxide nanoparticles. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Vu CC, Blas K, Lanni TB, Gustafson G, Krauss DJ. Cost-effectiveness of prostate boost with high dose rate brachytherapy versus intensity modulated radiation therapy in the treatment of intermediate-high risk prostate cancer. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Radiation Oncology

Abstracts with Associated Research Presentations: continued

Vu CC, Lanni TB, Nandalur SR. Trends in Medicare work relative value unit (wRVU) production in radiation oncology. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Vu CC, Sura K, Lanni TB, Gustafson GS, Krauss DJ. Cost-effectiveness of single-fraction high-dose rate brachytherapy versus intensity modulated radiation therapy for the treatment of low-intermediate risk prostate cancer. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Wang WG, Ye H, Chinnaiyan P. Practice patterns and survival outcomes of intracranial germinoma an analysis of the National Cancer Database. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Vinogradskiy Y, Faught A, **Castillo E**, Castillo R, Liu A, Miften M. Using 4DCT-ventilation to evaluate lung response for pediatric patients getting thoracic radiotherapy. American Association of Physicists in Medicine (AAPM) Annual Meeting, Denver, CO, July 30-August 3, 2017.

Xu Z, Mathieu D, Heroux F, Abbassy M, Barnett GH, Mohammadi AM, et al, **[Grills IS]**. Stereotactic radiosurgery for trigeminal neuralgia in patients with multiple sclerosis: A multicenter study. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Yan D, Chen S, Krauss DJ, Chen PY, Wilson GD. Assess tumor voxel dose response (SF₂) using multiple FDG PET images. 2017 European Society for Radiotherapy and Oncology (ESTRO) Annual Meeting, Vienna, Austria, May 5-9, 2017.

Yan D, Chen S, Krauss DJ, Chen PY, Wilson GD. Dose prescription function from tumor voxel dose response for adaptive dose painting by number. 2017 European Society for Radiotherapy and Oncology (ESTRO) Annual Meeting, Vienna, Austria, May 5-9, 2017.

Yan D, Chen S, Krauss DJ, Chen PY, Wilson GD. FDG-PET imaging and assessment of tumor dose response (SF₂) distribution. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Ye H, Krauss DJ, Dilworth JT, Steven CW. Using discrete-time survival analysis to examine hazard estimates of biochemical failure among prostate cancer patients. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Yorke A, *Zhang J, Vinogradskiy Y, Castillo E, Grills IS, Stevens CW, et al, [Guerrero TM]. Evaluation of automated treatment planning system for lung functional avoidance. American Association of Physicists in Medicine (AAPM) Annual Meeting, Denver, CO, July 2017

Zamdborg L, Castillo E, Guerrero TM. A deep neural network for automated normal structure segmentation derived from normal clinical operations. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Radiation Oncology

Abstracts with Associated Research Presentations: continued

*Zhang M, **Chen S, Ding X, Krauss DJ, Yan D**. Dosimetric accuracy for MRI based intensity modulated proton therapy for prostate cancer. American Association of Physicists in Medicine (AAPM) Annual Meeting, Denver, CO, July 30-August 3, 2017.

*Zhang J, Vinogradskiy Y, **Castillo E**, Faught A, **Stevens CW, Grills IS**, et al, [**Guerrero TM**]. Considerations for further pulmonary toxicity reduction with 4DCT derived functional avoidance intensity modulated proton therapy. American Association of Physicists in Medicine (AAPM) Annual Meeting, Denver, CO, July 30-August 3, 2017.

Zhou J, Kabolizadeh P, Grills IS, Li X, *Wang Y, Yan D, et al, [**Ding X**]. First feasibility study: Spot scanning proton arc stereotactic radiosurgery (SRS) for localized spine metastasis. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Zhou D, Liang J, Chen S, Yan D. Intra-treatment tumor position estimation: Feasibility and achievable accuracy. American Association of Physicists in Medicine (AAPM) Annual Meeting, Denver, CO, July 30-August 3, 2017.

Invited Research Presentations:

Castillo E. Computed tomography derived functional imaging: Improving patient outcomes with mathematics and image processing. Rice University, Department of Computational and Applied Mathematics Colloquium, Houston, TX, October 2017.

Castillo E. Making a mathematical diagnosis: How combining medical imaging with computational science can improve patient outcomes. Tapia Conference, Association for Computing Machinery (ACM) Richard Tapia Celebration of Diversity in Computing, Atlanta, GA, September 20-23, 2017.

Castillo E. 4DCT-derived functional imaging: Theory, implementation, and applications. University of Texas Health Science Center, San Antonio, TX, August 2017.

Chen PY. Proton beam therapy: Innovation and applications for pediatric and adolescent malignancies. Pediatric Grand Rounds, DeVos Children's Hospital Grand Rapids, Michigan, July 6, 2017.

Chinnaiyan P. Immunotherapy Introductory Presentation (Workshop Moderator). Immunotherapy Workshop, Co-sponsored by ASTRO, National Cancer Institute (NCI), Society for Immunotherapy of Cancer (SITC), Bethesda, MD, June 15-16, 2017.

D'Andrea L, Burcar L, Whitt G, Burkhard K, Wood R, Martinez L, et al, [**Stromberg J**]. A multi-disciplinary approach to breast cancer survivorship: Addressing post treatment concerns with referrals, resources and support. Michigan Cancer Consortium, Lansing, MI, November 8, 2017.

Radiation Oncology

Invited Research Presentations: continued

Ding X. Clinical commissioning, operation and challenges in the era of PBS and beyond. American Association of Physicists in Medicine (AAPM) Great Lakes Chapter Fall Meeting, Royal Oak, MI, November 2, 2017.

Ding X. Clinical commissioning and operation of IBA ProteusONE: Royal Oak's experience. IBA proton user meeting, ASTRO San Diego, CA, September 24-27, 2017.

Ding X. Clinical commissioning, measurements and dosimetry equipments for IBA ProteusONE. IBA dosimetry seminar. 59th American Society for Radiation Oncology (ASTRO) San Diego, CA, September 24-27, 2017.

Hamstra DA. Case based discussions: How does imaging play a role in prostate cancer patient management: The radiation oncology perspective. Radiologic Society of North America (RSNA) Annual Meeting Chicago, IL, November 26-December 1, 2017.

Hamstra DA. Co-Director and Moderator for GU BOOST Course. Radiologic Society of North America (RSNA) Annual Meeting, Chicago, IL, November 26-December 1, 2017.

Hamstra DA. GU 3: Emerging outcomes for aggressive prostate cancers treated with upfront radiotherapy. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Hamstra DA. SpaceOAR hydrogel: US clinical study three-year quality of life results. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Hamstra DA. The SpaceOAR Phase III Trial: A comprehensive review of patient reported quality of life. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Hamstra DA. Update in pediatric radiation oncology. The Department of Radiation Oncology, Georgetown University Medical Center, Washington, DC, October 2017.

Kilpatrick M, D'Andrea L, Stabile, L, Wood, R, **Stromberg J.** Development and implementation of an outpatient supportive care art series for oncology patients. Michigan Cancer Consortium, Lansing, MI, November 8, 2017.

Stevens CW. Protons and brachytherapy: More dose in less time with better outcomes. 3rd Annual Beaumont Interdisciplinary Oncology Symposium: Innovations in Cancer Care, Troy, MI, March 4, 2017.

Wilson GD. Immunotherapy introductory presentation (Workshop Organizer). Immunotherapy Workshop, Co-sponsored by ASTRO, National Cancer Institute (NCI), Society for Immunotherapy of Cancer (SITC), Bethesda, MD, June 15-16, 2017.

Radiation Oncology

Invited Research Presentations: continued

Wilson GD, Bristow R. Next generation chemoradiation. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Website Contributions, Videoclips, or other Multi-Media Contributions:

Ding X. Beaumont opens proton beam therapy center in Royal Oak, July 14, 2017. (crainsdetroit.com)

Ding X. IBA and the Beaumont Hospital's Cancer Institute in Royal Oak, Michigan announce partnership to develop the next generation proton therapy delivery technique, September 25, 2017. (iba-worldwide.com & medicalphysicsweb.org)

Non Peer-Reviewed Publications:

Hamstra DA. Don't bet against the elderly. Int. J. Radiat. Oncol. Biol. Phys. 2017 Sep 01;99(1):7.

Hamstra DA, Krauss DJ, Buyyounouski MK. What more can be learned from the ASCENDE-RT trial? Int J. Rad Onc Biol Phys. 2017. Jun 1;98(2):481-482 Letter to Editor

Krauss DJ. High dose rate brachytherapy for prostate cancer: Current techniques and applications to varying disease presentations. App Radiat Oncol. 2017 Sep; 6(3):12-17.

Wilson GD. Precision medicine in radiation oncology workshop. ASTRO News Blog, 2017 Winter edition.

Yu JB, **Hamstra DA.** Point: Which treatment modality for localized prostate cancer yields superior quality of life: Radiotherapy or prostatectomy? Oncology. 2017; 31(11):830-2. Invited Editorial.

RESEARCH INSTITUTE

RESEARCH ADMINISTRATION

RESEARCH INSTITUTE

Research Administration

Peer-Reviewed Articles:

Abbas AE, Khoury AR, Aggrawal A, Crile J, Lester SJ, ***Boura JA**. A novel echocardiographic hemodynamic classification of heart failure based on stroke volume index and left atrial pressure. *Echocardiography*. 2017 Oct;34(10):1417-1425.

Abbott EE, Chan JC, ***Boura JA**, Novotny NM. In pursuit of the most cost-effective pediatric laparoscopic appendectomy: The effect of disposable instrument choice on operative time and surgeon-controllable cost. *J Laparoendoscopic Adv Surg Tech*, published online December 1, 2017.

Falatko J, Dalal B, **Qu L**. Impact of anticoagulation in elderly patients with pulmonary embolism that undergo IVC filter placement: A retrospective cohort study. *Heart, Lung and Circulation* 2017 Dec 26(12):1317-1322.

Gbadamosi B, Ezekwudo DE, Ogunleye F, Bastola S, **Coffey MP**, Yu Z, et al. The clinical characteristics, genetic alterations and prognostic significance of acute myeloid leukemia (AML) with trisomy 8. *Blood*. 2017 130:5101.

George J, Abdulla RK, Yeow R, Aggarwal A, ***Boura JA**, *Wegner J, et al. Daily energy expenditure and associated healthcare costs in patients undergoing ambulatory electrocardiographic monitoring. *Am J Cardiol*. 2017;119(4):658-663.

Ginoya Meka S, **Qu L**, Sims M, Dalal B. Venous thromboembolism is an independent risk for higher morbidity and mortality in critically ill patients with respiratory viral infection. *Am J Resp Crit Care Med*. 2017 195:A6060.

Klaver AC, Coffey MP, Bennett DA, Loeffler DA. Specific serum antibody binding to phosphorylated and non-phosphorylated tau in non-cognitively impaired, mildly cognitively impaired, and Alzheimer's disease subjects: An exploratory study. *Transl Neurodegener*. 2017 Nov 24;6:32.

Loeffler DA, **Klaver AC, Coffey MP**, Aasly JO, LeWitt PA. Increased oxidative stress markers in cerebrospinal fluid from healthy subjects with Parkinson's Disease-associated LRRK2 gene mutations. *Front Aging Neurosci*. 2017 Apr 3;9:89.

Ogunyemi D, Friedman P, Betcher K, Whitten A, Sugiyama N, **Qu L**, et al. Obstetrical correlates and perinatal consequences of neonatal hypoglycemia in term infants. *J Matern Fetal Neonatal Med*. 2017 Jun; 30(11); 1372-1377.

Peters KM, *Killinger KA, Gilleran JP, Bartley J, Wolfert C, ***Boura JA**. Predictors of reoperation after sacral neuromodulation: A single institution evaluation of over 400 patients. *Neurourol Urodyn*. 2017 Feb;36(2):354-359.

Seltzer M, Menoch M, ***Chen C**. Opportunistic screening for exposure to bullying in the pediatric emergency department. *Glob Pediatr Health*. 2017;4:2333.

Research Administration

Peer-Reviewed Articles: continued

Swor RA, **Qu L**, Putman K, et al. Challenges of using probabilistic linkage methodology to characterize post-cardiac arrest care in Michigan. *Prehosp Emerg Care*. 2017:1-6.

Abstracts with Associated Research Presentations:

Brahmamdham P, Carveth, Maisels MJ, **Coffey MP**, Smyth M, Gendelman B. Factors influencing caregiver choice of medical versus surgical treatment of appendicitis. Canadian Association of Pediatric Surgeons, Baniff, Alberta Canada, October 5, 2017.

Fan A, *Killinger K, ***Boura JA**, Peters K. Neuromodulation for chronic urogenital pain: A comparison of pudendal and sacral nerve stimulation. North Central Section of American Urological Association Annual Meeting, Scottsdale, AZ, November 13-17, 2017.

Gilleran J, *Killinger K, Bartley J, *Gaines N, Nguyen L, ***Boura JA**, et al. Characteristics associated with neuromodulation device explantation for declining efficacy. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Ginoya Meka S, **Qu L**, Sims M, Dalal B. Venous thromboembolism is an independent risk factor for mortality in critically-ill patients with respiratory viral infections. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 5, 2017. American Thoracic Society (ATS) International Conference, Washington DC, May 19-24, 2017.

Grisby S, Pople B, **Coffey MP**, Shaffer K, Dekhne N. Impact of breast MRI use on surgical treatment of breast cancer. American Society of Breast Surgeons 18th Annual Meeting, Las Vegas, NV, April 26-30, 2017.

Jayaschandran V, Schuiteman E, *Otoupalova E, Ginoya Meka S, ***Boura JA**, Christensen P, et al. Driving pressure drives mortality in patients with acute respiratory distress syndrome. 47th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 23, 2017.

*Killinger KA, Fergus J, *Edwards L, ***Boura JA**, Bartley J, *Gupta P, et al. Coexisting depressive symptoms do not limit the benefits of chronic neuromodulation: A study of over 200 patients. *Neurourol Urodyn*, published online August 1, 2017.

Loeffler DA, **Klaver AC**, **Coffey MP**, Aasly JO, LeWitt PA. Decreased LAMP2 CSF concentrations in Parkinson's disease patients with LRRK2 mutations. Society for Neuroscience Annual Meeting, San Diego, CA, November 13, 2017.

Shaffer K, ***Boura JA**, Brahmamdham P. Trends in the management of pediatric empyema: An analysis of the KIDS inpatient database. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017.

Sirls L, Fan A, *Killinger K, ***Boura JA**. Neuromodulation for chronic urogenital pain: A comparison of pudendal and sacral nerve stimulation. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Research Administration

Abstracts with Associated Research Presentations: continued

Sirls L, Sirls E, *Killinger K, ***Boura JA**. A Review of over 100 patients undergoing percutaneous tibial nerve stimulation in an office setting: real world experience. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Invited Research Presentations:

Rajput J. Healthcare innovation in times of uncertainty. Crain's Annual HealthCare Summit, Detroit, MI, October 19, 2017.

Rajput J. Healthcare innovation and commercialization at Beaumont. Oakland County Medical Main Street Annual Meeting, Oakland Community College, Waterford, MI, November 3, 2017.

SUBSPECIALTY DIVISIONS OF SURGICAL SERVICES

BREAST CARE CENTER

GENERAL SURGERY

MULTI-ORGAN TRANSPLANT SURGERY

NEUROSURGERY

OTOLARYNGOLOGY

PEDIATRIC SURGERY

PLASTIC SURGERY

VASCULAR SURGERY

BREAST CARE CENTER

Abstracts with Associated Research Presentations:

Burcar L, DeLaere A, *Chant E, Pople B, Dekhne N. Breast cancer survivorship workshop series: Recognizing gaps in follow-up. Annual Interdisciplinary Breast Center Conference, Las Vegas, NV, March 11-15, 2017.

Edwards C, Washburn BJ, ***Dekhne M**, Meininger M, **Dekhne N.** Feasibility of nipple-sparing mastectomy: An experience at a community hospital. Miami Breast Conference, Miami, FL, March 9-12, 2017.

Ellis J, DeLaere A, Pople BS, Dekhne N. Experience with a nurse navigator-led, risk-based breast cancer survivorship care clinic. Cancer Survivorship Symposium: Advancing Care and Research, San Diego, CA, January 27-28, 2017.

***Grisby S, Pople BS, Dekhne N.** Outcomes of genetics referral in surgical decision making in newly diagnosed breast cancer patients. Michigan Chapter of the American College of Surgeons Annual Meeting, Boyne Falls, MI, May 17-19, 2017.

***Grisby S, Pople B, Ellis J, Burcar L, Dekhne N.** Breast cancer survivorship: Filling the gaps in breast cancer survivorship. American Society of Clinical Oncology (ASCO) Cancer Programs Conference: Creating a Culture of Quality, Chicago, IL, September 8-9, 2017.

***Grisby S, Shaffer K, Pople BS, Dekhne N.** Impact of breast MRI use on surgical treatment of breast cancer. American Society of Breast Surgeons Annual Meeting, Las Vegas, NV, April 26-30, 2017.

Shaffer K, ***Grisby S**, Danko M, **DeLaere A, *Chant E, Pople BS**, et al, [**Dekhne N**]. Patient satisfaction following nipple-sparing mastectomy and assessment of nipple-areolar sensation. American Society of Breast Surgeons Annual Meeting, Las Vegas, NV, April 26-30, 2017.

Invited Research Presentations:

Dekhne N. Medical advances in breast cancer: The power of knowing yourself. Beaumont Foundation, Townsend Hotel, Birmingham, MI, May 3, 2017.

Dekhne N. Surviving breast cancer: Survive and thrive, Beaumont comprehensive breast care. MSU Management Education Center, Troy, MI, September 16, 2017.

GENERAL SURGERY

Peer-Reviewed Articles:

Abbott EE, Chan JC, *Boura J, **Novotny NM**. In pursuit of the most cost-effective pediatric laparoscopic appendectomy: The effect of disposable instrument choice on operative time and surgeon-controllable cost. *J Laparoendoscopic Adv Surg Tech*, published online December 1, 2017.

***Baptiste DF**, MacGeorge EL, Venetis MK, Mouton A, Friley LB, Pastor R, et al. Motivations for contralateral prophylactic mastectomy as a function of socioeconomic status. *BMC Womens Health*. 2017 Feb 1;17(1):10.

Bataineh ZA, **Novotny NM**. A novel nonelectrosurgical technique for incising the pylorus in laparoscopic pyloromyotomy. *J Laparoendosc Adv Surg Tech A*, published online December 13, 2017.

Bryant JR, Boonipat T, **Chaiyasate K**. Tracheocutaneous fistula closure with turnover flap and polydioxanone plate. *Plast Reconstr Surg Glob Open*. 2017 Oct 10;5(10):e1515.

Carbonell, AM, Warren JA, Prabhu AS, Ballecer CD, **Janczyk RJ**, Herrera J, et al. Reducing length of stay using a robotic-assisted approach for retromuscular ventral hernia repair: A comparative analysis from the Americas Hernia Society Quality Collaborative. *Annals of Surgery*, published online March 27, 2017.

Davis J, **Novotny NM**, Macknis J, Alpay-Savasan Z, *Goncalves LF. Diagnosis of neonatal neuroblastoma with postmortem magnetic resonance imaging. *Radi Case Reps*. 2017 Mar;12(1):191-195.

Fox SS, **Janczyk R**, Warren JA, Carbonell AM 2nd, Poulouse BK, Rosen MJ, et al. An evaluation of parastomal hernia repair using the Americas Hernia. *Am Surg*. 2017 Aug 1;83(8):881-886.

Hamouri S, **Novotny NM**. Primary tracheal schwannoma a review of a rare entity: Current understanding of management and followup. *J Cardiothorac Surg*. 2017 Nov 28;12(1):105. doi: 10.1186/s13019-017-0677-2.

Halka JT, Vasyluk A, DeMare AM, Janczyk RJ, Iacco AA. Robotic and hybrid robotic transversus abdominis release may be performed with low length of stay and wound morbidity. *Am J Surg*. 2017 Nov 13. pii: S0002-9610(17)31089-9.

Hothem ZA, Baker D, Jenkins C, Douglas J, Callahan R, Shuell C, et al. Predictors of readmission in nonagenarians: Analysis of the ACS-NSQIP dataset. *J Surg Res*. 2017 Jun 1; 213:32-38.

Hothem Z, *Bayci A, *Thibodeau BJ, *Ketelsen BE, *Fortier LE, Uzieble AF, et al, [**Keidan RD**]. Using global gene expression to discriminate thin melanomas with poor outcomes. *Molec Cell Oncol*. 2017; 4(1):e1253527.

Novotny NM, Puentes MC, Leopold R, Ortega M, Godoy-Lenz J. The Burnia: Laparoscopic sutureless inguinal hernia repair in girls. *J Laparoendoscopic Adv Surg Tech*. 2017 Apr;27(4): 430-433.

General Surgery

Peer-Reviewed Articles: continued

Sevak S, Akay B, Bloom DA. An anomalous pancreatic ductal system causing a delayed diagnosis of duodenal atresia. *J Ped Surg Case Reps*. 2017 Nov;26:7-10.

Shaffer K, Abbott EE, Novotny NM. Delayed presentation of rare-earth magnets. *J Peds Child Health*. 2017 May;53(5):515-516.

Wo Y, Brisbois E, Wu J, Li Z, Major T, **Mohammed A**, et al. Reduction of thrombosis and bacterial infection via controlled nitric oxide (NO) release from S-Nitroso-N-Acetylpenicillamine (SNAP) impregnated CarboSil intravascular catheters. *ACS Biomater Sci Eng*. 2017; 3(3):349-359.

Book Chapter or Full Book Publications:

Abbott E, Long G. Inferior vena caval filter placement and retrieval. In: Hans SS, Shepard AD, Weaver MR, Bove P, Long GW, editors. *Endovascular and open vascular reconstruction: a practical approach*. Boca Raton, FL: CRC Press; 2017. p.131-136.

***Barnes W, Hothem Z, Novotny N**. Thoracoscopic sympathectomy. In: Walsh DS, Ponsky TA, Bruns NE, editors. *The SAGES manual of pediatric minimally invasive surgery*. Cham, Switzerland: Springer International; 2017. p.107-126.

Kao AM, Muncie CB, **Novotny NM**, Stallion A, Berch B, **Shaffer K**. Gastrointestinal hemorrhage. In: Powelson D, editor. *Pediatric surgery, NaT*. Charlottesville, VA: American Pediatric Surgical Association, 2017. Available from: Unbound Medicine collection.

Legbo J, Ameh E, **Novotny NM**: Necrotizing Fasciitis. In: EA Ameh, SW Bickler, K Lakhoo, BC Nwomeh, D Poenaru, eds. *Paediatric Surgery: A Comprehensive Text for Africa*, Chapter 21. Global HELP, Seattle, WA. 2017. ISBN-13 #978-1-60189-091-7

Mohammed A, NM Novotny: Thoracoscopic aortopexy. In: Walsh DS, Ponsky TA, Bruns NE, editors. *The SAGES manual of pediatric minimally invasive surgery*. Cham, Switzerland: Springer International; 2017. p.642-645.

Abstracts with Associated Research Presentations:

Abbott EA, Chan JC, **Novotny NM**. In pursuit of the most cost effective laparoscopic appendectomy: The effect of disposables on operative time and surgeon-controllable operative cost. International Pediatric Endosurgery Group 26th Annual Congress for Endosurgery in Children, London, England, July 19-22, 2017.

Abbott EA, Hothem Z, Thibodeau B, **Keidan R**. Predicting cancer risk in patients with atypical ductal hyperplasia at the genomic level K. Shaffer. 70th Society of Surgical Oncology Annual Cancer Symposium, Seattle, WA, March 15-18, 2017.

General Surgery

Abstracts with Associated Research Presentations: continued

Abbott EA, Shaffer K, Bayci A, Hothem Z, Thibodeau B, Ahmed S, et al, [Keidan R]. Predicting lymph node positivity in melanoma patients. 70th Society of Surgical Oncology Annual Cancer Symposium, Seattle, WA, March 15-18, 2017.

Al-Hadidi A, Mohammed A, Morden R. Pediatric thyroglossal duct cyst carcinoma. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017.

***Bayci AWL, Somerset AE, Hothem Z, Turkoglu O, Keidan R.** Metabolomic identification of diagnostic biomarkers for malignant melanoma. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017. American College of Surgeons (ACS) Clinical Congress, San Diego, CA, October 22-26, 2017. **Awarded: 2nd place award, Commission on Cancer of the ACS.**

Cirino JA, Luehmann NC, Barnes WR, Abbott EE, Czako P, Nagar S. Parathyroidectomy: Does surgical approach influence recurrence rates? 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017.

DeMare A, Halka J, Kawak S, Iacco A, Janczyk R. Robotic versus open transverse abdominis release: Initial experience. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017.

Edwards C, Washburn BJ, Dekhne M, Dekhne N, Meininger M. Immediate placement of implant after nipple sparing mastectomy provides acceptable cosmetic results while preserving oncological outcome: A single hospital experience. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017.

Edwards C, Washburn BJ, Dekhne M, Meininger M, Dekhne N. Feasibility of nipple-sparing mastectomy: An experience at a community hospital. 34th Annual Miami Breast Conference, Miami Beach, FL, March 9-12, 2017.

Grisby S, Pople B, Coffey M, Shaffer K, Dekhne N. Impact of breast MRI use on surgical treatment of breast cancer. American Society of Breast Surgeons 18th Annual Meeting, Las Vegas, NV, April 26-30, 2017.

Hothem Z, Adeyemo A, Cirino J, Shellnut J. Surgical outcomes in laparoscopic and robotic colorectal surgery: A single surgeon experience. The American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific and Tripartite Meeting, Seattle, WA, June 10-14, 2017.

Kaufman CS, Cross MJ, Goyal S, Barone J, Devisetty K, **Dekhne NS**, et al. Registry study of 337 bio-absorbable 3-D implants marking lumpectomy cavity benefit cosmesis while targeting radiation. 70th Society of Surgical Oncology Annual Cancer Symposium, Seattle, WA, March 15-18, 2017.

Shaffer K. Atypical ductal hyperplasia and DCIS: Mutational profiles of ADH and DCIS. 70th Society of Surgical Oncology Annual Cancer Symposium, Seattle, WA, March 15-18, 2017.

General Surgery

Abstracts with Associated Research Presentations: continued

Shaffer K. Patient satisfaction following nipple-sparing mastectomy and assessment of nipple-areolar sensation. American Society of Breast Surgeons 18th Annual Meeting, Las Vegas, NV, April 26-30, 2017.

Shaffer K, Abbott E, Hothem Z, Thibodeau B, Ahmed S, Swinford A, et al, [**Keidan R**]. Predicting cancer risk in patients with atypical ductal hyperplasia at the genomic level. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017.

Shaffer K, *Boura J, Brahmamdam P. Trends in the management of pediatric empyema: An analysis of the KIDS inpatient database. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017.

Shaffer K, *Jenkins C, Villalba M Jr, Keidan R, Donev K. Case report of gastric metastasis from a pleomorphic uterine sarcoma. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017.

Shaffer K, Edwards C, Pelton J, **Adeyemo A, Welsh R.** Accuracy of the ACS NSQIP risk calculator in predicting outcomes for urgent colectomies. The American Society of Colon and Rectal Surgeons (ASCRS) Annual Scientific and Tripartite Meeting, Seattle, WA, June 10-14, 2017. American College of Surgeons Quality and Safety Conference (ACS NSQIP), New York, NY, July 21-24, 2017.

Somerset AE, Ghaferi A, Bonham A, Cassidy R, **Krause K.** Bariatric surgery outcomes in patients with prior fundoplication. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017. **Awarded: 2nd place, Clinical, Laboratory and Translational Research.**

Somerset AE, Bonham A, **Chingelis DL.** Predictors of successful weight loss after sleeve gastrectomy. 47th Annual Residents' and Fellows' Research Forum, Beaumont Hospital, Royal Oak, MI, May 23, 2017.

Invited Research Presentations:

Abbott EA, Chan JC, **Novotny NM.** In pursuit of the most cost effective laparoscopic appendectomy: The effect of disposables on operative time and surgeon-controllable operative cost. Michigan Chapter American College of Surgeons 64th Annual Meeting, Boyne Falls, MI, May 17-19, 2017.

Aggarwal A. Wound application of nitrite enhances healing in diabetic mice. Detroit Surgical Association, Royal Oak, MI, May 23, 2017.

Aggarwal A, M Madigan, E Cody, E Tzeng. Wound application of nitrite enhances healing in diabetic mice. Michigan Chapter American College of Surgeons 64th Annual Meeting, Boyne Falls, MI, May 17-19, 2017. **Awarded: D. Emerick Szalagi Michigan Vascular Award.**

General Surgery

Invited Research Presentations: continued

Al-Hadidi A. Low cost homemade ultrasound phantoms for medical education in resource-limited field hospitals. Syrian American Medical Society 6th National Conference, Los Angeles, CA, February 18, 2017.

Al-Hadidi A, Novoty NM. Decision making in pediatric persistent Mullerian Duct syndrome. Remarkable Cases Colloquium, Michigan Chapter American College of Surgeons 64th Annual Meeting, Boyne Falls, MI, May 17-19, 2017.

***Bayci AWL, Somerset AE, Hothem Z, Turkoglu O, Keidan R.** Metabolomic identification of diagnostic biomarkers for malignant melanoma. 2nd Annual Michigan Summit on Quality Improvement and Patient Safety, Novi, MI, June 2, 2017.

***Bayci AWL, Somerset AE, Turkoglu O, Graham S, Bahado-Singh R, Keidan R.** Metabolomic identification of diagnostic biomarkers for malignant melanoma. Michigan Chapter American College of Surgeons 64th Annual Meeting, Boyne Falls, MI, May 17-19, 2017. **Awarded: Robert V. Danto Memorial Cancer Research Award.**

Cirino JA, Luehmann NC, *Barnes WR, Abbott EA, Czako P, Nagar S. Parathyroidectomy: Does surgical approach influence recurrence rates? Michigan Chapter American College of Surgeons 64th Annual Meeting, Boyne Falls, MI, May 17-19, 2017.

Cirino J, Luehmann NC, *Barnes W, Nagar S. Recurrence in primary hyperparathyroidism. Western Surgical Association 125th Annual Meeting, Paradise Valley AZ, November 4-7, 2017.

Edwards CT, Shaffer K, Pelton J, Adeyemo A, Welsh R. Accuracy of the ACS NSQIP risk calculator in predicting outcomes for urgent colectomies. Michigan Chapter American College of Surgeons 64th Annual Meeting, Boyne Falls, MI, May 17-19, 2017.

Grills IS, Lee KC Jr, **Abbott E**, Deraniyagala RL Jr, Stevens CW, **Welsh R**, et al. Operable stage I non-small cell lung cancer treated with Stereotactic Radiotherapy (SBRT) compared to surgical lobectomy: Failure patterns and implications for management. Int J Rad Onc Bio Phys. 2017 Oct 1;99(2):S17-S18. American Society for Radiation Oncology (ASTRO) 59th Annual Meeting Oral Scientific Sessions, San Diego, CA, September 24-27, 2017.

Grills IS, Lee KC Jr, **Abbott E**, Ye H, **Welsh R**, et al. International collaborative propensity-based matched pair analysis of operable early stage lung cancer patients treated with stereotactic body radiation therapy compared to resection: Differences in recurrence and survival with prolonged follow-up. Int J Rad Onc Bio Phys. 2017 Oct 1;99(2):E456-E457. American Society for Radiation Oncology (ASTRO) 59th Annual Meeting Oral Scientific Sessions, San Diego, CA, September 24-27, 2017.

Grisby S, Janfaza M, McAlister J, Dekhne N, Yadav S, Lowry H, Delaere A, Zakalik D. Outcomes of genetic referral on surgical decision making in newly diagnosed breast cancer patients. Michigan Chapter American College of Surgeons 64th Annual Meeting, Boyne Falls, MI, May 17-19, 2017.

General Surgery

Invited Research Presentations: continued

Halka JT, Demare AM, Iacco AA, Janczyk RJ. Robotic TAR is associated with significantly shorter length of stay for complex ventral hernia repairs. Michigan Chapter American College of Surgeons 64th Annual Meeting, Boyne Falls, MI, May 17-19, 2017.

Halka JT, Iacco A, Janczyk R, Vasyluk A. Robotic and hybrid robotic transversus abdominis release may be performed with low length of stay and wound morbidity. Central Surgical Association and Midwest Surgical Association Joint Annual Meeting, Chicago IL, July 29-August 1, 2017. **Awarded: MSA Best Surgeon in Training Paper.**

Luehmann N, Nagar S, Czako P. A case of locally advanced anaplastic thyroid cancer. American Thyroid Association meeting, Interesting Cases section, Victoria, BC, October 20, 2017.

Shaffer K, Abbott E, Hothem Z, Thibodeau B, S, Swinford A, Amin M, et al, [Keidan R]. Predicting cancer risk in patients with atypical ductal hyperplasia at the genomic level. Michigan Chapter American College of Surgeons 64th Annual Meeting, Boyne Falls, MI, May 17-19, 2017.

Somerset AE, *Bayci AWL, Turkoglu O, Hothem Z, Mandal R, Han B, et al, [Keidan R]. Metabolomic identification of diagnostic biomarkers for malignant melanoma. 13th Annual Conference of the Metabolomics Society, Brisbane, Australia, June 25-29, 2017.

Somerset AE, Ghaferi A, Bonham A, Cassidy R, Krause K. Bariatric surgery outcomes in patients with prior fundoplication. Michigan Chapter American College of Surgeons 64th Annual Meeting, Boyne Falls, MI, May 17-19, 2017. 2nd Annual Michigan Summit on Quality Improvement & Patient Safety, Novi, MI, June 2, 2017.

MULTI-ORGAN TRANSPLANTATION

Peer-Reviewed Articles:

Morace R, Kumar T, **Tantisattamo E**, Gibson J, Britton S, Li W, et al. Feasibility of BK virus real-time PCR testing in renal graft biopsies with negative SV40 staining. *Transplant Proc.* 2017 Jul-Aug;49(6):1294-1300.

Takahashi K, Go P, Stone CH, Safwan M, **Putchakayala KG**, Kane WJ, et al. Mycophenolate mofetil and pulmonary fibrosis after kidney transplantation: A case report. *Am J Case Rep.* 2017 Apr 14;18:399-404.

Takahashi K, Nagai S, **Putchakayala KG**, Safwan M, Gosho M, Li AY, et al. Prediction of biliary anastomotic stricture after deceased donor liver transplantation: The impact of platelet counts: A retrospective study. *Transpl Int.* 2017 Oct;30(10):1032-1040.

Takahashi K, Nagai S, **Putchakayala KG**, Safwan M, Li A, Kane W, et al. Prognostic impact of postoperative low platelet count after liver transplantation. *Clin Transplant.* 2017 Mar;31(3).

Takahashi K, Patel AK, Nagai S, Safwan M, **Putchakayala KG**, Kane WJ, et al. Perioperative Ketoralac use: A potential risk factor for renal dysfunction after live-donor nephrectomy. *Ann Transplant.* 2017 Sep 19;22:563-569.

Takahashi K, Prashar P, **Putchakayala KG**, Kane WJ, Denny JE, Kim DY, et al. Allograft loss from acute PAGE kidney secondary to trauma after kidney transplantation. *World J Transplant.* 2017 Feb 24;7(1):88-93.

Takahashi K, **Putchakayala KG**, Safwan M, Kim DY. Extrahepatic metastasis of hepatocellular carcinoma to the paravertebral muscle: A case report. *World J Hepatol.* 2017 Aug 8;9(22):973-978.

Invited Research Presentations:

Putchakayala KG. Graft-versus-host disease following deceased donor liver transplant American Transplant Congress, Chicago, IL, April 29-May 3, 2017.

Putchakayala KG. Hypercoagulability persists up to three months following partial hepatic resection. American Society of Transplant Surgeons (ASTS) Winter Symposium, Miami, FL, January 26-29, 2017.

Putchakayala KG. Implementation of operative bundles may decrease complications. American Society of Transplant Surgeons (ASTS) Winter Symposium, Miami, FL, January 26-29, 2017.

NEUROSURGERY

Peer-Reviewed Articles:

Beeravolu N, McKee C, Alamri A, Mikhael S, Brown C, **Perez-Cruet MJ**, et al. Isolation and characterization of mesenchymal stromal cells from human umbilical cord and fetal placenta. *J Vis Exp*. 2017 Apr 3;(122).

Carr DA, Volkov AA, Rhoiney DL, **Setty P**, Barrett RJ, Claybrooks R, et al. Management of thoracic disc herniations via posterior unilateral modified transact pedicle-sparing decompression with segmental instrumentation and interbody fusion. *Global Spine J*. 2017 Sept;7(6):506-513.

Faraj K, Perez-Cruet K, **Perez-Cruet MJ**. CREST calcinosis affecting the lumbar and cervical spine and the use of minimally-invasive surgery. *Cureus*. 2017 Apr 8;9(4):31145.

Lee IJ, Lee RJ, **Fahim DK**. Prognostic factors and survival outcome in patients with chordoma in the United States: A population-based analysis. *World Neurosurg*. 2017 Aug;104:346-55.

Marshall AL, **Setty P**, Hnatiuk M, ***Pieper DR**. Repair of frontoethmoidal encephalocele in the Philippines: An account of 30 cases between 2008-2013. *World Neurosurg*. 2017 Jul;103:19-27.

Morales-Ramirez DA, Valadez-Jimenez VM, Hernandez-Lopez XI, **Ysunza PA**. Acoustic analysis of voice and electroglottography in patients with laryngopharyngeal reflux. *J Voice*. 2017 17:30116-30119.

Pamplona MC, **Ysunza PA**. Total immersion speech camps for patients with cleft palate. *J Cleft Lip Palate and Craniofacial Anomalies*. 2017 4(1):132-138.

Pamplona MC, **Ysunza PA**, Morales S. Audiovisual materials are effective for enhancing the correction of articulation disorders in children with cleft palate. *Int J Pediatr Otorhinolaryngol*. 2017 93:17-23.

Roesch J, Cho JBC, **Fahim DK**, Gerszten PC, et al. Risk for surgical complications after previous stereotactic body radiotherapy for the spine. *Radiat Oncol*. 2017. Sep; 12(1):153.

Villafuerte-Gonzalez R, Valadez-Jimenez VM, Sierra-Ramirez JA, **Ysunza PA**, Chavarria-Villafuerte K, Hernandez-Lopez X. Acoustic analysis and glottography in elite vocal performers. *J Voice*. 2017 May;31:1:391e1-e7.

Book Chapter or Full Book Publications:

Brougham JR, **Fahim DK**, **Perez-Cruet MJ**. Spinal augmentation for vertebral compression fractures. In: Steinmetz MP, Benzel EC, editors. *Benzel's Spine surgery: Techniques, complication avoidance, and management*. 4th ed., Philadelphia: Elsevier; 2017. p.1514-1521.

Michael DB. American College of Surgeons. The Committee on Trauma. *Advanced trauma life support (ATLS) student course manual*. 10th edition, Chicago: American College of Surgeons; 2017.

Neurosurgery

Abstracts with Associated Research Presentations:

Fahim DK. Chordoma in the United States: Prognosis and survival analysis of 1598 patients. European Association of Neurological Surgeons Meeting, Venice, Italy, October 1-5, 2017.

Fahim DK. Multilevel Kyphoplasty under the same anesthetic. American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA, April 22-26, 2017.

Fahim DK. Prognosis and survival analysis of 1598 patients with chordoma. American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA, April 22-26, 2017.

Fahim DK. Safety and efficacy of single session multilevel kyphoplasty. European Association of Neurological Surgeons Meeting, Venice, Italy, October 1-5, 2017.

Fahim DK. The addition of radiofrequency tumor ablation in the treatment paradigm of patients with metastatic disease. American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA, April 22-26, 2017.

Fontanesi J, **Michael DB**, Maddens M, Hanna A, Wilson TG, Fontanesi G, et al. Combination radiation techniques may play a role in the treatment of Alzheimer's Dementia. Clinical Trials on Alzheimer's Disease (CTAD) Annual Meeting, Boston, MA, November 1-4, 2017.

Michael DB, Hanna A, Wilson TG, Fontanesi G, Buelow K, Martinez A, et al. External radiation and amyloid treatment is associated with reduction of $\text{A}\beta$ plaque burden. Society for Neuroscience, Washington, DC, November 11-15, 2017.

Perez-Cruet MJ. A novel system for facilitating minimally invasive transforaminal lumbar interbody fusion while reducing surgical cost. American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA, April 22-26, 2017.

Perez-Cruet MJ. Novel device to achieve intervertebral disc regeneration using human stem cell generated nucleus pulposus cells. Congress of Neurological Surgeons Meeting, Boston, MA, October 7-11, 2017.

Perez-Cruet MJ. Minimally invasive transforaminal lumbar interbody fusion using a novel autograft bone collector is a cost-saving alternative method for spinal fusion surgery. Congress of Neurological Surgeons Meeting, Boston, MA, October 7-11, 2017.

Perez-Cruet MJ. Potential of human NP-like cells derived from umbilical cord to treat degenerative disc disease: Novel mechanism for disc regeneration. Congress of Neurological Surgeons Meeting, Boston, MA, October 7-11, 2017.

Perez-Cruet MJ. Potential of human nucleus pulposus like cells derived from human umbilical cord to treat degenerative disc disease. American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA, April 22-26, 2017.

Perez-Cruet MJ. Treatment of elderly patients with lumbar levodextroscoliosis with minimally invasive spine surgery. American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA, April 22-26, 2017.

Neurosurgery

Abstracts with Associated Research Presentations: continued

Setty P. Residual and recurrent disease after endoscopic endonasal approach to midline anterior skull base meningiomas. 27th Annual North American Skull Base Society Meeting, New Orleans, LA, March 3-5, 2017.

Setty P. The role of staging in endoscopic endonasal approaches for large and giant anterior skull base meningiomas. 27th Annual North American Skull Base Society Meeting, New Orleans, LA, March 3-5, 2017.

Invited Research Presentations:

Michael DB. Case based discussions, traumatic brain injury; discussant. Congress of Neurological Surgeons Meeting, Boston, MA, October 7-11, 2017.

Michael DB. Cerebral trauma: State of the art treatment anticoagulants and osmotics. American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA, April 22-26, 2017.

Michael DB. Concussion: A tolerable head injury? Hawaiian Islands Trauma Symposium, Honolulu, HI, July 28-29, 2017.

Michael DB. Current management of severe traumatic brain injury. Hawaiian Islands Trauma Symposium, Honolulu, HI, July 28-29, 2017.

Michael DB. Management of cervical spine injury. Hawaiian Islands Trauma Symposium, Honolulu, HI, July 28-29, 2017.

Michael DB. Mechanisms of brain injury: What you don't know can hurt you. Hawaiian Islands Trauma Symposium, Honolulu, HI, July 28-29, 2017.

Michael DB. Mechanisms of TBI: Can we learn the meaning of the message by studying the chemistry of the ink. Congress of Neurological Surgeons Meeting, Boston, MA, October 7-11, 2017.

Michael DB. Neurotrauma critical care review and update for the practicing neurosurgeon. American Association of Neurological Surgeons Annual Meeting, Los Angeles, CA, April 22-26, 2017.

Michael DB. Pathophysiology of traumatic brain injury. AONeuro Neurotrauma Course, San Francisco, CA, March 25-26, 2017.

Perez-Cruet MJ. Human stem cell-based intervertebral disc regeneration. Winter Clinics, Snowmass, CO, February, 2017.

Perez-Cruet MJ. Minimally invasive thoracic spine surgery. Mazama Spine Summit, Winthrop, WA, January 27-29, 2017.

Neurosurgery

Invited Research Presentations: continued

Perez-Cruet MJ. Minimally invasive thoracic spine surgery: State of the art. Becker's 15th Annual Spine, Orthopedic, and Pain Management-Driven ASC Conference, Chicago, IL, June 22-24, 2017.

Perez-Cruet MJ. Minimally invasive transforaminal lumbar interbody fusion (TLIF): Improving spinal fusion and patient outcomes. 6th Annual Hackensack Meridan Health National Neuroscience Symposium, Eatontown, NJ, October 27, 2017. 8th Annual Minimally Invasive Neurological Society (MINS) Meeting, Royal Oak, MI, June 2, 2017.

Perez-Cruet MJ. Novel device to achieve intervertebral disc regeneration using human cord blood stem cells, Michigan Association for Neurological Surgeons (MANS) Meeting, Traverse City, MI, June 9-11, 2017.

Perez-Cruet MJ. Novel method for minimally invasive management of lumbar spondylolisthesis: Improving spinal fusion and patient outcomes. Michigan Medical Mainstreet, Rochester, MI, November 2017.

Perez-Cruet MJ. Posterior cervical foraminotomy. International Course for Percutaneous Endoscopic Spinal Surgery and Complementary minimal invasive Techniques (ISMIS) Meeting, Chicago, IL, January 18-20, 2017.

Ysunza PA. Anatomy and physiology of the velopharyngeal sphincter. Radiologic Anatomy of the Velopharyngeal Sphincter. Videonasopharyngoscopy of the Vocal Tract. Multiplanar Videofluoroscopy of the Vocal Tract. Live Demonstrations of Videonasopharyngoscopies. Live Demonstrations of Multiplanar Videofluoroscopies. Live Surgical Procedures for Correcting Velopharyngeal Insufficiency. Nasometry. Clinical Assessment of Velopharyngeal Insufficiency. International course on Controversies in the diagnosis and management of velopharyngeal Insufficiency. Mexican Association of Cleft Palate and Craniofacial Anomalies. Mexico City, Mexico, May 22-28, 2017.

Ysunza PA. Imaging procedures for the diagnosis and surgical planning of VPI. American Cleft Palate Association (ACPA) 74th Annual Meeting, Colorado Springs, CO, March 13-18, 2017.

Ysunza PA. Is "one for all and all for one" a good motto for VPI treatment? Michigan Speech, Language and Hearing Association (MSHA) Annual Conference, Troy, MI, March 23-25, 2017.

Ysunza PA. What do you see? What do you hear? Unrecorded endoscopic examinations. Medicine and Health Care in Movies. Beaumont Medical Staff Educational Symposium, Boyne, MI, June 22-25, 2017. Society for Ear, Nose and Throat Advances in Children (SENTAC) Scientific Meeting, Toronto, Ontario, Canada, November 30-December 3, 2017.

Non Peer-Reviewed Publications:

Michael DB. Chair's message. Spring 2017 edition of Neurotrauma and Critical Care News. American Association of Neurological Surgeons and Congress of Neurological Surgeons (CNS) Section on Neurotrauma & Critical Care Newsletter.

Neurosurgery

Non Peer-Reviewed Publications: continued

Michael DB. Chair's message. Fall 2017 edition of Neurotrauma and Critical Care News, the American Association of Neurological Surgeons and Congress of Neurological Surgeons (CNS) Section on Neurotrauma & Critical Care Newsletter.

Michael DB. Neurotrauma report. 2017 Summer Congress Quarterly, Congress of Neurological Surgeons.

OTOLARYNGOLOGY

Peer-Reviewed Articles:

Bobian MR, Shah N, Svider PF, **Hong RS**, Shkoukani MA, Folbe AJ, Eloy JA. Does formal research training lead to academic success in otolaryngology? *Laryngoscope*. 2017 Jan;127:E15-E21.

Evans M, Sugihara EM, **Chan EY**. Acquired external auditory canal atresia: A comparison of acellular dermal matrix and split thickness skin grafting techniques. *Otol Neurotol*. 2017 Sep;38(8):1149-1152.

Hojjat H, Svider PF, Davoodian P, **Hong RS**, Folbe AJ, Eloy JA, et al. To image or not to image? A cost-effectiveness analysis of MRI for patients with asymmetric sensorineural hearing loss. *Laryngoscope*. 2017 Apr;127(4):939-944.

McNulty B, Wise S, Cohen D, Bell J, **Bojrab D, LaRouere M**, et al, **[Babu S]**. Facial nerve Schwannomas mimicking as vestibular Schwannomas. *J Neurol Surg B*. 2017;78:283-287.

Rodgers B, Stucken E, Metrailler A, **Sargent E**. Factors influencing cochlear patency after translabyrinthine surgery. *Otolaryngol Head Neck Surg*. 2017 Aug;157(2):269-272.

Wang AC, Nelson AN, Pino C, Svider PF, **Hong RS**, Chan E. Management of sigmoid sinus associated pulsatile tinnitus: A systematic review of the literature. *Otol Neurotol*. 2017 Dec;38(10):1390-1396.

Abstracts with Associated Research Presentations:

Bojrab D, LaRouere M, Chen F, **Babu S**, Bojrab DI, **Hong RS**. Endolymphatic sac decompression with intra-sac dexamethasone injection in Meniere's disease. Combined Otolaryngological Societies Meeting, San Diego, CA, April 26-30, 2017.

Green T, Koons J, **Hong RS**. Policy vs. patient safety and the annulment of medical clearance for hearing aids: Are we 'closing the book' too soon? Michigan Otolaryngological Society 34th Annual Meeting, Bellaire, MI, July 29, 2017.

Naumann I. Petrous apex lesions: Diagnosis and approaches. European Academy of Otolaryngology and Neuro-Otology, Izmir, Turkey, January 18-21, 2017.

PEDIATRIC SURGERY

Peer-Reviewed Articles:

Sevak S, **Akay B**, *Bloom DA. Anamolous pancreatic ductal system causing a delayed diagnosis of duodenal atresia. J Pediatr Surg Case Reps. 2017 Nov;26:7-10.

Abstracts with Associated Research Presentations:

*Cholyway R, **Akay B**. Management of intussusception after successful enema reduction. Robert J. Lucas Surgical Research Symposium, Royal Oak, MI, March 9, 2017.

Leuhmann N, Cirino J, **Akay B**. Implementation of pediatric cervical spine clearance pathway: Initial results. International Trauma Conference, Quebec City, Canada, November 4-5, 2017.

PLASTIC SURGERY

Peer-Reviewed Articles:

Bryant JR, Boonipat T, **Chaiyasate K**. Tracheocutaneous fistula closure with turnover flap and polydioxanone plate. *Plast Reconstr Surg Glob Open*. 2017 Oct 10;5(10):e1515.

Gardner P, Flis D, **Chaiyasate K**. Utilization of liposuction for delayed morel-lavallée lesion: A case report and review. *Case Rep Surg*, published online September 11, 2017.

Lohasammakul S, Turbpaiboon C, Ratanalekha R, Lohsiriwat V, **Chaiyasate K**, Roham Ali, et al. Anatomy of superficial inferior epigastric vessels: revival of superficial inferior epigastric (SIEA) flap. *Eur J Plastic Surg*. 2017 Aug 22;1-8.

Yu JL, Nguyen DC, **Chaiyasate K**, Gangopadhyay N, Sachanandani N, Woo AS. Single z-plasty versus double-opposing z-plasty: A cadaveric study of palatal lengthening. *J Craniofac Surg*. 2017 Mar;28(2):343-346.

Invited Research Presentations:

Chaiyasate K. Cleft lip revision: Masters tricks and tips. Michigan Cleft Palate Association Conference, Grand Rapids, MI, September 2017.

Genova R, Andrede P, **Chaiyasate K**. The use of rigid external distraction (RED) device in the management of acute comminuted maxillofacial fractures. *Clinical and Scientific Innovations for Oral and Maxillofacial Surgeons Conference*, Rosemont, IL, April 28-30, 2017.

Genova R, Oliver L, **Chaiyasate K**. Reconstruction of medial canthus defect with tunneled forehead flap: Two cases study. *Robert J Lucas Surgical Society Symposium*, Detroit, MI, March 9, 2017.

Genova R, Oliver L, **Chaiyasate K**. Surgical treatment of head and neck venous malformation (VM): A case series and new combination of therapies. *Midwestern Association of Plastic Surgeons 56th Annual Scientific Meeting*, Chicago, IL April 15, 2017.

PULMONARY and CRITICAL CARE MEDICINE

Peer-Reviewed Articles:

Alweis R, Collichio F, Milne C, **Dalal B**, Williams C, Sulistio M, et al. Guidelines for a standardized fellowship letter of recommendation: AAIM position statement paper. *Am J Med.* 2017 May;130(5):606-611.

Cornett P, Williams C, Alweis R, McConville J, Frank M, **Dalal B**, et al. Problematic communications during 2016 fellowship recruitment in internal medicine. *J Community Hosp Intern Med Perspect.* 2017 Oct 18;7(5):277-281.

Falatko J, **Dalal B**, Qu L. Impact of anticoagulation in elderly patients with pulmonary embolism that undergo IVC filter placement: A retrospective cohort study. *Heart, Lung and Circulation* 2017 Dec 26(12):1317-1322.

Garg L, Akbar G, Agrawal S, Agarwal M, Khaddour L, **Dalal B**, et al. Drug-induced pulmonary arterial hypertension: A review. *Heart Fail Rev.* 2017;(3):289-297.

Meka, SG, Shelden D, Mertens A, ***Christensen P**, Patel M. A hol(e)y predicament. *Respirol Case Rep.* 2017 Apr 20;5(4):e00237.

Nair GB, Niederman MS. Using ventilator-associated pneumonia rates as a health care quality indicator: A contentious concept. *Semin Respir Crit Care Med.* 2017 Jun;38(3):237-244.

Otoupalova E, **Dalal B**, Renard B. Right heart thrombus in transit: A series of two cases. *Crit Ultrasound J.* 2017 Dec;9(1):14.

Saini P, Lkada E, **Patel V**, Zaw M, Dubrovsky B, George L, et al. Continuous positive airway pressure usage in hospitalized patients with known obstructive sleep apnea: Discrepancy between admission pressure settings and laboratory-determined settings. *Sleep Breath.* 2017 May;21(2):347-353.

Schuiteman E, Verrill T, **Mina N, Dalal B**. Constrictive pericarditis induced shunting through a PFO: Persistence despite pericardiectomy. *Respir Med Case Rep.* 2017 May 30;22:28-30.

Book Chapter or Full Book Publications:

Gierer J, Gualdoni J, **Bozyk PD**. Principles of nutrition in the critically ill patient. In: Hyzy RC, editor. *Evidence-based critical care: a case study approach.* Cham, Switzerland: Springer; 2017. p.575-579.

Johnson P, **Bozyk PD**. Diagnosis and management of Clostridium difficile infection (CDI) In: Hyzy RC, editor. *Evidence-based critical care: a case study approach.* Cham, Switzerland: Springer; 2017. p.569-574.

Koneru H, **Bozyk PD**. Tumor lysis syndrome. In: Hyzy RC, editor. *Evidence-based critical care: a case study approach.* Cham, Switzerland: Springer; 2017. p.641-646.

Pulmonary and Critical Care Medicine

Book Chapter or Full Book Publications: continued

Nair GB, Niederman, MS. Acute infectious pneumonia. In: Irwin RS, Lilly CM, Mayo PH, editors. Rippe and Irwin's intensive care medicine. 8th edition. Philadelphia: Lippincott Williams & Wilkins; 2017. p.1686-1710.

Abstracts with Associated Research Presentations:

Iftikhar H, Patel B, **Nair GB**. Stress induced stress-case of mast cell activation syndrome. American College of Physicians (ACP), Acme, MI, October 19-22, 2017.

Lanni T, Stevens C, Welsh, R, **Keena D**, Mezwa D. The effect of positive lung-RADS results in a lung cancer screening program: The Beaumont Health experience. American Society of Radiation Oncology Meeting, San Diego, CA, September 24-27, 2017.

Invited Research Presentations:

Enrique S, Swami A, ***Christensen P**, **Nair GB**. Tis NOT the season: A case of leptospirosis presenting as septic shock during winter. American College of Physicians (ACP) Michigan Chapter Residents Day, Mt. Pleasant, MI, May 5, 2017.

Ginoya Meka S, **Dalal B**, Otoupalova E, Hafez-Khayyata S, **Nair GB**. To or not to biopsy: Risk of surgical lung biopsy in patients with honeycombing on CT scan of chest. American College of Physicians (ACP) Michigan Chapter Residents Day, Mt. Pleasant, MI, May 5, 2017.

Ginoya Meka S, Qu L, Sims M, **Dalal B**. Venous thromboembolism is independent risk factor for higher mortality in critically-ill patients with respiratory viral infection. American Thoracic Society (ATS) International Conference, Washington DC, MD, May 19-24, 2017.

Iftikhar H, Patel B, **Nair GB**. Stress induced stress-case of mast cell activation syndrome. ACP Michigan, Mt. Pleasant, MI, May 5, 2017.

Jayaschandran V, ***Christensen P**, **Dalal B**. Predicting mortality in ARDS. American College of Chest Physicians Annual Meeting, Toronto, ON, October 1, 2017.

Jayaschandran V, ***Christensen P**, **Dalal B**. Validation of APPS tool to predict mortality in moderate and severe acute respiratory distress syndrome. Chest International, Basel Switzerland, June 17, 2017.

Jayaschandran V, **Dalal B**. Comparison of PH in patients with ESRD. American Medical Association (AMA) Research Symposium, Honolulu, HI, November 9-11, 2017.

Jayaschandran V, **Keena D**. Severe metabolic acidosis following therapeutic dose of acetaminophen. Society of Critical Care Medicine 46th Critical Care Congress, Honolulu, HI January 21-25, 2017.

Pulmonary and Critical Care Medicine

Invited Research Presentations: continued

Jayaschandran V, **Patel V**. Neurofibroma as pleural based mass. Michigan Thoracic Society, Novi, MI, April 27, 2017.

Jayaschandran V, Schuiteman E, Otoupalova E, Ginoya S, **Dalal B**. Obesity-acute respiratory distress syndrome paradox: Truth or myth. American College of Physicians (ACP) Michigan Chapter, Novi, MI, May 1, 2017.

Lanni T, Stevens C, Welsh R, **Keena D**, Mezwa D. The effect of positive lung-RADS results in a lung cancer screening program: The Beaumont Health Experience. American Society Radiation Oncology, San Diego, CA, September 1, 2017.

Levitin M, **Patel V**. Primary signet ring cell carcinoma of the lung: A rare malignancy with a poor prognosis. American College of Physicians (ACP) Michigan Chapter Residents Day, Mt. Pleasant, MI, May 5, 2017.

Mitra A, **Patel V**. Tissue plasminogen activator-induced angioedema in ischemic stroke patient. American College of Chest Physicians Annual Meeting, Toronto, ON, October 1, 2017.

Otoupalova, E, **Keena, D**. Not all pneumonia is what it seems: A tale of two bronchoscopies case report. Society of Critical Care Medicine 46th Critical Care Congress, Honolulu, HI January 21-25, 2017.

Otoupalova E, Meka S, Jaychandran V, Khayyata H, **Dalal B**, **Nair B**. Left versus right: Does site and timing of surgical lung biopsy for interstitial lung disease influence outcomes? American Thoracic Society (ATS) International Conference, Washington DC, MD, May 19-24, 2017.

Pow T, **Dalal B**, Hanson I. Pre-procedural aortic insufficiency increases mortality in patients undergoing transcatheter aortic valve replacement. Global Health Symposium, Detroit, MI, October 20, 2017.

Schuiteman E, Meka S, Otoupalova E, Szela J, Jayaschandran V, **Bozyk P**, et al. More than meets the eye: An invasive trichophyton infection in an immunocompetent host. Society of Critical Care Medicine 46th Critical Care Congress, Honolulu, HI January 21-25, 2017.

Sczepanski, M, **Patel V**. Alteplase induced angioedema: A case of a life-threatening adverse effect to a life-saving medication. American College of Physicians (ACP) Michigan Chapter Residents Day, Mt. Pleasant, MI, May 5, 2017.

Willner C, **Keena, D**. A pressing matter of drug toxicity. American College of Chest Physicians Annual Meeting, Toronto, ON, October 1, 2017.

THORACIC SURGERY

Peer-Reviewed Articles:

Hothem Z, Baker D, *Jenkins C, Douglas J, Callahan R, Shuell C, et al. Predictors of readmission in nonagenarians: Analysis of the American College of Surgeons National Surgical Quality Improvement Project dataset. J Surg Res. 2017 Jun 1;213:32-38.

Invited Research Presentations:

Chang A, **Welsh R**. General thoracic surgery: Data review. Michigan Society of Thoracic and Cardiovascular Surgeons Annual Meeting, Acme, MI, July 27, 2017.

Edwards CT, Shaffer K, Pelton J, **Adeyemo A, Welsh R**. Accuracy of the ACS NSQIP risk calculator in predicting outcomes for urgent colectomies. Michigan Chapter American College of Surgeons 64th Annual Meeting, May 17-19, 2017, Boyne Falls, MI

Grills IS, Lee KC Jr, Belderbos J, Hope AJ, Giuliani ME, Guckenberger M, et al, [**Abbott E, Welsh R**]. International collaborative propensity-based matched pair analysis of operable early stage lung cancer patients treated with stereotactic body radiation therapy compared to resection: Differences in recurrence and survival with prolonged follow-up. Int. J. Radiat. Oncol. Biol. Phys. 2017. Oct 1;99(1):E456- E457. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

Grills IS, Lee KC Jr, *Hymas RV, Ye H, Sura K, Johnson MC, et al, [**Abbott E, Welsh R**]. Operable stage I non-small cell lung cancer treated with stereotactic radiotherapy (SBRT) compared to surgical lobectomy: Failure patterns and implications for management. Int. J. Radiat. Oncol. Biol. Phys. 2017 Oct 1;99(1):S17-S18. 59th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Diego, CA, September 24-27, 2017.

VASCULAR SURGERY

Peer-Reviewed Articles:

***Bannazadeh M**, ***Jenkins C**, Forsyth A, Kramer J, **Aggarwal A**, **Somerset A**, et al. Outcomes for concomitant common iliac artery aneurysms after EVAR. J Vasc Surg. 2017 Nov;66(5):1390-1397.

Catanescu I, **Long G**, **Bove P**, Khoury M, **Brown OW**, **Rimar S**, **Uzieblo M**, et al. Rupture of abdominal aortic aneurysm in patients with and without antecedent endovascular repair. Ann Vasc Surg. 2017 Feb;39:99-104.

Hothem Z, Baker D, Jenkins C, Douglas J, Callahan R, Shuell CC, et al, [**Long GW**]. Predictors of readmission in nonagenarians: Analysis of the ACS-NSQIP Dataset. J Surg Res. 2017 Jun 1;213:32-38.

Loeffler JW, Obara H, Fujimura N, **Bove PG**, Newton DH, Zettervall SL, et al. Medical therapy and intervention do not improve uncomplicated isolated mesenteric artery dissection outcomes over observation alone. J Vasc Surg. 2017 Jul;66(1):202-208.

Book Chapter or Full Book Publications:

Abbott E, **Long GW**. Inferior vena caval filter placement and retrieval. In: Hans SS, Shepard AD, Weaver MR, **Bove P**, **Long GW**, editors. Endovascular and open vascular reconstruction: A practical approach. Boca Raton, FL: CRC Press; 2017. p.131-136.

***Barnes W**, **Long G**. Explantation of aortic endograft. In: Hans SS, Shepard AD, Weaver MR, **Bove PG**, **Long GW**, editors. Endovascular and open vascular reconstruction: A practical approach. Boca Raton, FL: CRC Press; 2017. p.125-130.

Bove PG. Endovascular repair of infrarenal abdominal aortic aneurysms. In: Hans SS, Shepard AD, Weaver MR, **Bove PG**, **Long GW**, editors. Endovascular and open vascular reconstruction: A practical approach. Boca Raton, FL: CRC Press; 2017. p.49-54.

Brown OW. Aneurysms: A bubble in the vascular system. In: Franklin BA, Dixon SR, editors. The Heart-healthy handbook. Monterey CA: Healthy Learning; 2017. p.295.

Hans SS, Shepard A, Weaver M, **Bove PG**, **Long GW**, editors. Endovascular and open vascular reconstruction: A practical approach. Boca Raton FL: CRC Press; 2017.

Hothem Z, **Long GW**. Endovascular repair of popliteal aneurysms. In: Hans SS, Shepard AD, Weaver MR, **Bove PG**, **Long GW**, editors. Endovascular and open vascular reconstruction: A practical approach. Boca Raton, FL: CRC Press; 2017. p.69-74.

Sevak S, **Long GW**. Endovascular repair of iliac artery aneurysms. In: Hans SS, Shepard AD, Weaver MR, **Bove PG**, **Long GW**, editors. Endovascular and open vascular reconstruction: A practical approach. Boca Raton, FL: CRC Press; 2017. p.55-62.

Vascular Surgery

Book Chapter or Full Book Publications: continued

Silver SM, Mohammad F. Extra-anatomic reconstruction for aortoiliac occlusive disease. In: Hans SS, Shepard AD, Weaver MR, **Bove PG, Long GW**, editors. Endovascular and open vascular reconstruction: A practical approach. Boca Raton, FL: CRC Press; 2017. p.301-306.

Uzieblo MR. Aortobifemoral bypass graft. In: Hans SS, Shepard AD, Weaver MR, **Bove P, Long GW**, editors. Endovascular and open vascular reconstruction: A practical approach. Boca Raton, FL: CRC Press; 2017. p.289-294.

Abstracts with Associated Research Presentations:

Nguyen D, **Shanley C**, Ragheb S. Immunohistochemical analysis of potential biomarkers of plaque instability in carotid atherosclerosis patients. American College of Physicians (ACP) Internal Medicine Meeting, San Diego, CA, March 30-April 1, 2017. **Awarded: National Finalist Medical Student Research Competition.**

Invited Research Presentations:

Brown OW. Case presentations. Sanctuary of Endovascular Therapies, Kiawah Island, SC, February 23, 2017.

Brown OW. Endovascular procedures and liability for all. Sanctuary of Endovascular Therapies, Kiawah Island, SC, February 23, 2017.

Brown OW. How electronic medical records have increased medical malpractice litigation: What precautions can diminish the problem. Vascular and Endovascular Issues (VEITH) Symposium, New York, NY, November 14-18, 2017.

Brown OW. Medical malpractice: What every surgeon should know. Impact of government regulations on surgeons. University of Toledo, Grand Rounds, Toledo, OH, January 25, 2017.

Brown OW. Medico legal challenges of using social media in vascular surgery: How to protect ourselves and our patients out there at the wild web. Eastern Vascular, Savannah, GA, October 7, 2017.

Brown OW. Training vascular access surgeons: Fellowship or apprenticeship. Vascular and Endovascular Issues (VEITH) Symposium, New York, NY, November 14-18, 2017.

Brown OW. Why vascular surgery must have its own independent RRC and American Board of Medical Specialties (ABMS) approved board: How can the specialty get it, Vascular and Endovascular Issues (VEITH) Symposium, New York, NY, November 14-18, 2017.

UROLOGY

Peer-Reviewed Articles:

Albitar M, Ma W, Lund L, Shahbaba B, Uchio E, Feddersen S, et al, [**Moylan D**]. A multi-center prospective study to validate an algorithm using urine and plasma biomarkers for predicting Gleason $\geq 3+4$ prostate cancer on biopsy. *J Cancer*. 2017 Aug 2;8(13):2554-2560.

Al-Katib S, **Shetty M, Jafri SM**, Jafri SZ. Radiologic assessment of native renal vasculature: A multimodality review. *Radiographics*. 2017 Jan-Feb;37(1):136-156.

Allen G, Yu H, Juang A, Vuong D, Kamer S, Carbonell L, et al, [**Hafron JM**]. Screening for prostate cancer: A clinical update for primary care providers using a novel, serum-based prostate cancer risk assessment multiplexed autoantibody assay. *Biomed Res Rev*. 2017;1(1):1-6.

Arcila-Ruiz MJ, Assimos DG, Brucker BM, **Chancellor MB**, Druskin SC, Curtis Nickel J, et al. Best of the 2017 AUA Annual Meeting: Highlights from the 2017 American Urological Association Annual Meeting, May 12-16, 2017, Boston, MA. *Rev Urol*. 2017;19(3):169-179.

Burks FN, Hu JC, **Telang D**, Liu A, Hawken S, Montgomery Z, et al. Michigan urological surgery improvement repeat prostate biopsy practice patterns in a statewide quality improvement collaborative. *J Urol*. 2017 Aug;198(2):322-328.

Chancellor MB. OnabotulinumtoxinA for overactive bladder and urinary incontinence. *J Urol*. 2017 Feb;197(2S):S224-S225.

Chancellor MB, Bartolone SN, *Veerecke A, Lamb LE. Crowdsourcing disease biomarker discovery research: The IP4IC study. *J Urol*. 2017 Dec; S0022-347(17)78037-8.

Cher ML, Dhir A, Auffenberg GB, Linsell S, Gao Y, **Rosenberg B**, et al, [**Jafri SM**]. Appropriateness criteria for active surveillance of prostate cancer. *J Urol*. 2017 Jan;197(1):67-74.

Chuang YC, Tyagi P, Wang HJ, Huang CC, Lin CC, **Chancellor MB**. Urodynamic and molecular characteristics of detrusor underactivity in a rat cryoinjury model and effects of low energy shock wave therapy. *Neurourol Urodyn*, published online August 2, 2017.

Dewulf K, Abraham N, **Lamb LE**, Griebeling TL, Yoshimura N, Tyagi P, et al, [***Veerecke A, Bartolone SN, Zwaans BMM, Diokno AC, Chancellor MB**]. Addressing challenges in underactive bladder: Recommendations and insights from the Congress on Underactive Bladder (CURE-UAB). *Int Urol Nephrol*. 2017 May;49(5):777-785.

Faraj K, **Dave CN**, Patel K, **Seifman B**, Vartanian S, **Frontera R**, et al, [**Hafron J, Schervish EW**]. A retrospective comparative outcomes and cost analysis of office based ultrasound guided renal mass biopsy performed by urologists and standard hospital biopsies for small renal masses. *Urol Prac*, published online August 7, 2017.

Faraj K, ***Edwards L**, Gupta A, **Seifman B**. Completely isolated retroperitoneal enteric duplication cyst with adenocarcinoma transformation managed with robotic radical nephrectomy. *J Endourol Case Reports*. 2017;3(1):31-33.

Urology

Peer-Reviewed Articles: continued

***Gaines N, *Gupta P, *Khourdaji A, *Ehlert M**, Parikh K, Kohli H, et al, [**Sirls LT**]. Radiographic misdiagnoses after periurethral bulking agents. Female Pelvic Med Reconstr Surg, published online June, 2017.

***Gaines N, Odom BD, *Killinger KA, Peters KM**. Pudendal neuromodulation as a treatment for persistent genital arousal disorder-a case series. Female Pelvic Med Reconstr Surg, published online June 27, 2017.

Griffiths DJ, Grodstein F, Hall RK, Huang AJ, Johnson TM, Lavelle JP, et al, [**Diokno A**]. Report and research agenda of the American Geriatrics Society and National Institute on Aging bedside-to-bench conference on urinary incontinence in older adults: A translational research agenda for a complex geriatric syndrome. J Am Geriatr Soc, published online December 4, 2017.

***Gupta P, *Ehlert M, Bartley J, Gilleran J, *Killinger KA, *Boura JA**, et al, [**Nagaraju P, Fischer M**]. Perioperative outcomes, complications, and efficacy of robotic-assisted prolapse repair: A single institution study of 196 patients. Female Pelvic Med Reconstr Surg. 2017 Sep.

Hafron JM, Yu H, Juang A, Vuong D, Kamer S, Carbonell L, et al. New developments in prostate cancer screening using a novel cancer-specific, non-PSA biomarker assay derived from autoantibody signatures. J Med Therap. 2017;1(4):1-5.

***Killinger KA**, Fergus J, ***Edwards L, *Boura JA, Bartley J, *Gupta P**, et al, [**Tomakowsky J, Gilleran J, Peters KM**]. Coexisting depressive symptoms do not limit the benefits of chronic neuromodulation: A study of over 200 patients. Neurourol Urodyn, published online August 1, 2017.

***Killinger KA, *Gupta P, Gilleran J, Bartley J, *Ehlert M, *Boura JA**, et al, [**Peters KM**]. The impact of baseline functional bladder capacity on short-term neuromodulation outcomes. Urol. 2017 Apr;102:68-72.

Klein E, Chait A, **Hafron JM, Kernen KM**, Manickam K, Stephen AJ, et al. The single-parameter, structure-based IsoPSA assay demonstrates improved diagnostic accuracy for detection of any prostate cancer and high-grade prostate cancer compared to a concentration-based assay of total prostate-specific antigen: A preliminary report. Eur Urol. 2017 Dec;72(6):942-949.

Lamb LE, Janicki JJ, **Bartolone SN, Peters KM, Chancellor MB**. Development of an interstitial cystitis risk score for bladder permeability. PLoS One. 2017 Oct 31;12(10):e0185686.

Lapides J, **Diokno AC**, Silber SJ, Lowe BS. Clean, intermittent self-catheterization in the treatment of urinary tract disease. J Urol. 2017 Feb;197(2S):S122-S124.

Majima T, Tyagi P, Dogishi K, Kashyap M, Funahashi Y, Gotoh M, et al, [**Chancellor MB**]. Effect of intravesical liposome-based nerve growth factor antisense therapy on bladder overactivity and nociception in a rat model of cystitis induced by hydrogen peroxide. Hum Gene Ther. 2017 Jul;28(7):598-609.

Urology

Peer-Reviewed Articles: continued

Moses RA, Selph JP, Voelzke BB, Piotrowski J, Eswara JR, Erickson BA, et al, [**Burks FN**]. An American Association for the Surgery of Trauma (AAST) prospective multi-center research protocol: Outcomes of urethral realignment versus suprapubic cystostomy after pelvic fracture urethral injury. *Transl Androl and Urol*. 2017 Nov.

Nguyen LN, Choudhury L, **Gillera JP**. Outcomes for intermittent neuromodulation as a treatment for overactive bladder. *Current Bladder Dysfunction Reports*. 2017 Mar;12(1):68-73.

Nguyen LN, **Han E**, **Wilson A**, **Gillera JP**. Clinical factors to decide between sacral neuromodulation and onabotulinum toxin A: When is one clearly better? *Current Bladder Dysfunction Reports*. 2017 Dec;12(4):328-336.

Peters KM, ***Killinger KA**, **Gillera JP**, **Bartley J**, **Wolfert C**, *Boura JA. Predictors of reoperation after sacral neuromodulation: A single institution evaluation of over 400 patients. *Neurourol Urodyn*. 2017 Feb;36(2):354-359.

Sampselle CM, Newman DK, Miller JM, Kirk K, DiCamillo MA, Wagner TH, et al, [**Diokno AC**]. A randomized controlled trial to compare 2 scalable interventions for lower urinary tract symptom prevention: Main outcomes of the TULIP Study. *J Urol*. 2017 Jun;197(6):1480-1486.

*Tyagi P, ***Killinger KA**, ***McLennan G**, *Jayabalan N, **Chancellor MB**, **Peters KM**. Urine chemokine levels correlate with treatment response to phosphodiesterase 4 inhibitor in prostatitis. *World J Clinical Urol*. 2017 Mar;6(1):18-26.

Vaughan CP, Markland AD, Smith PP, Burgio KL, Kuchel GA, et al, [**Diokno AC**, **Hafron JM**]. Risk assessment for high-grade prostate cancer using a novel cancer specific biomarker assay derived from autoantibody signatures. *Biomed Res Clin Prac*, 2017;2(3):1-7.

Wang X, **Hafron JM**, Yu H, Juang A, Vuong D, Kamer S, et al. Improved risk assessment using a novel cancer specific biomarker assay derived from autoantibody signatures for men with non-aggressive prostate cancer who are not receiving treatment. *Biomed Res Rev*. 2017;1(1):1-6.

Wenzler DL, Gulli F, **Cooney M**, **Chancellor MB**, **Gillera G**, **Peters KM**. Treatment of ulcerative compared to non-ulcerative interstitial cystitis with hyperbaric oxygen: A pilot study. *Ther Adv Urol*. 2017 Sep 29;9(12):263-270.

Book Chapters or Full Book Publications:

Gillera JP, **Gaines N**. Posterior colporrhaphy (with or without perineorrhaphy). In: Zimmern PE, De EJB, editors. *Native tissue repair for incontinence and prolapse*. Cham: Springer; 2017. p. 167-177.

Smith CP, **Chancellor MB**. Botulinum toxin endoscopic injection for pelvic pain. In: Moldwin RM, editor. *Urological and gynaecological chronic pelvic pain: current therapies*. Cham: Springer; 2017. p. 325-337.

Urology

Abstracts with Associated Research Presentations:

Bonekamp D, Wolf MB, Kassam Z, Brahm G, Nandalur K, Haider K, et al, [**Hafron J, Relle J**]. MRI-guided transurethral ultrasound ablation of localized prostate cancer. 4th Symposium on Focused Ultrasound Therapy, Leipzig, Germany, October 25-27, 2017.

Bowlus J, Cooney M, Kosovich L, Schonhoff A, Shea E, Waldvogel A, et al, [**Hasenau D, *Killinger K**]. Enhancing research patients' safety: Conflicts of interest management and procedural time outs. Beaumont Health Nurses Week, May 2017 and Beaumont Health Nursing Research & Evidence Based Practice Conference, Livonia, MI, November 9, 2017.

Carr L, Tu L, Robert M, Quinlan D, Carlson K, Herschorn S, et al, [**Chancellor MB**]. A randomized, double-blind, multi-center placebo-controlled study of autologous muscle derived cells for urinary sphincter repair (AMDC-USR). Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Carty J**, Ziadni M, Lumley M, ***Holmes H, Tomakowsky J**, Schubiner H, et al, [Dove-Medows E, Peters KM**]. The effects of a stress and emotion interview for women with urologic pain: A randomized trial. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Chancellor MB, Bartolone SN, Janicki J, **Zwaans BMM, *Verneecke A, Peters KM**, et al, [**Lamb LE**]. The power of crowdsourcing: Novel method for discovery of urine biomarkers. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Chin J, Hatiboglu G, **Relle J**, M Billia M, Siddiqui K, Kuru T, et al, [**Hafron J**]. 24-Month outcomes of a prospective phase I study of MRI-guided transurethral ultrasound ablation in patients with localized prostate cancer (PCa). Canadian Urological Association (CUA) 72nd Annual Meeting, Toronto, Canada, June 24-27, 2017.

Chin J, **Relle J**, Billia M, Popeneciu V, Kuru T, **Hafron J**, et al. MRI-guided transurethral ultrasound ablation in patients with localized prostate cancer: Primary outcomes of a prospective phase I study. Video presented at: American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Chin J, **Relle J**, Billia M, Siddiqui K, Kuru T, Hatiboglu G, et al, [**Hafron J**]. MRI-guided transurethral ultrasound ablation in patients with localized prostate cancer: 24-month outcomes of a prospective phase I clinical trial. 32nd Annual European Association of Urology (EAU) Congress, London, England, March 24-28, 2017.

Dauw C, Hollingsworth J, Hechuan H, Dupree J, **Seifman B**, Kadlec A, et al. Hospital variation in the rate of emergency department visits after ambulatory stone surgery. North Central Section of American Urological Association Annual Meeting, Scottsdale, AZ, November 13-17, 2017.

Dave C, Gupta A, Amin M, Zhang P, **Hafron J**. Kidney injury molecule-1 staining helps to differentiate mixed germ cell neoplasms of testis from classic seminomas. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Urology

Abstracts with Associated Research Presentations: continued

Diokno AC, Low LK, Newman DK, Burgio K, Griebing TL, Maddens M, et al, [***Robinson A**]. Is group learning behavioral modification program effective and safe in reducing geriatric urinary incontinence? A multi-center randomized controlled trial. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Diokno AC, Bowlus J, Shea E, Bartolone S, Lamb LE, Chancellor MB. Autologous muscle derived cells for underactive bladder (AMDC-UAB). 3rd International Congress of Underactive Bladder (CURE-UAB), Washington, DC, March 9-10, 2017.

Fan A, ***Killinger KA**, *Boura J, **Peters KM**. Neuromodulation for chronic urogenital pain: A comparison of pudendal and sacral nerve stimulation. North Central Section of American Urological Association Annual Meeting, Scottsdale, AZ, November 13-17, 2017.

Faraj K, **Seifman B, Schervish EW**. A comparative analysis of office and hospital based renal mass core biopsies for the management of small renal masses. National Comprehensive Cancer Network (NCCN) Annual Conference, Orlando, FL, March 23-25, 2017.

Faraj K, **Dave C**, Patel K, Vartanian S, Frontera R, Nelson R, et al, [**Schervish E, Seifman B**]. A comparison of office based ultrasound guided renal mass biopsy performed by urologists and standard hospital biopsies for t1a small renal masses. North Central Section of American Urological Association Annual Meeting, Scottsdale, AZ, November 13-17, 2017.

Freedland S, Singh S, Kapphahn K, Howard L, Ohrnberger J, **Hafron J**. A novel serum based multiplexed 21 autoantibody assay to predict high-grade prostate cancer at initial biopsy. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Gaines N**, Henrichsen J, **Nguyen L, Sirls LT, Gilleran J, Bartley J**, et al, (Killinger KA, Peters KM**). Pelvic floor physical therapy significantly improves pain and voiding symptoms in women with pelvic pain. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Gilleran J, *Killinger K, Bartley J, *Gaines N, Nguyen L, *Boura JA, et al, [**Peters KM**]. Characteristics associated with neuromodulation device explantation for declining efficacy. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Gilleran J. Characteristics and outcomes of women presenting to a multidisciplinary women's urology clinic. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Gilleran J. Pelvic floor physical therapy significantly improves pain and voiding symptoms in women with pelvic pain. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Gilleran J, Yunker A, ***Gaines N, Peters KM, Nguyen L, *Killinger KA**, et al, [**Bartley J, Sirls L**]. Adverse events after intradetrusor onabotulinum toxin A injection in idiopathic detrusor overactivity. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Urology

Abstracts with Associated Research Presentations: continued

Gilleran J, Nguyen L, *Killinger KA, Bartley J, *Gaines N, Sirls LT, et al, [Peters KM]. Clinical and urodynamic factors associated with subsequent botulinum toxin A injection after neuromodulation. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Griebing T, **Diokno AC**, Newman D, Burgio K, Low L, Sampsel C, et al. Quality control in the design and implementation of a multi-site, prospective, randomized controlled trial of group behavioral treatment for urinary incontinence in older women (the gladiolus research team). International Continence Society (ICS) Annual Meeting, Florence, Italy, September 12-15, 2017.

Hafron J, Ohrnberger J, Arthurs J, **Kernen K**, Howard L, Freedland S, et al. Clinical use of Apify® a novel serum based prostate cancer risk assessment multiplexed autoantibody assay. Second Global Summit on Precision Diagnosis for Prostate Cancer, Boston, MA, October 13-14, 2017.

Hafron J, Westermann C, Kirsh G, **Sarle R**. Health economic impact of the Oncotype Dx GPS results predicting aggressive disease in men with newly diagnosed prostate cancer. North Central Section of American Urological Association Annual Meeting, Scottsdale, AZ, November 13-17, 2017.

Hatiboglu G, Chin J, **Relle J**, Billia M, Kuru T, Popeneciu IV, et al, [**Hafron J**]. 24-Month outcomes of a prospective phase I study of MRI-guided transurethral ultrasound ablation in patients with localized prostate cancer. Deutschen Gesellschaft für Urologie (DGU) Dresden, Germany, September 20-23, 2017.

Henrichsen J, ***Gaines N, Bartley J, Nguyen L, Gupta P, *Killinger KA**, et al. [**Gilleran J, Peters KM, Sirls LT**]. Efficacy of physical therapy in the treatment of female pelvic pain. North Central Section of American Urological Association Annual Meeting, Scottsdale, AZ, November 13-17, 2017.

Keihani S, Xu Y, Presson AP, Smith BP, Reilly PM, Luo-Owen X, et al, [**Burks FN**]. Nephrectomy after high-grade renal trauma: results from the American Association for Surgery of Trauma (AAST) genitourinary trauma study. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Klein E, Chait A, **Hafron J, Kernen K**, Manickam K, Stephenson A, et al. IsoPSA: Direct clinical performance comparison between expression and structure as a basis for defining a biomarker for prostate cancer. North Central Section of American Urological Association Annual Meeting, Scottsdale, AZ, November 13-17, 2017.

Klein E, Stovsky M, **Hafron J, Kernen K**, Manickam K, Zhu H, et al. IsoPSA: Interim clinical performance evaluation of a novel structure-based biomarker for prostate cancer in a multicenter prospective trial for Gleason ≥ 7 . American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Urology

Abstracts with Associated Research Presentations: continued

Lamb LE, Bartolone SN, Conway MJ, Tree M, Lossia O, Dunbar G, et al, [**Chancellor MB**]. Urine based rapid molecular diagnosis of Zika virus. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017. **Awarded: AUA Best of Posters, Selected for AUA Press Conference, AUA and Beaumont Press Release**

Lamb LE, Janicki J, **Bartolone SN, Zwaans BMM, Peters KM**, et al, [**Chancellor MB**]. Development of the ulcerative interstitial cystitis risk score (ICUS): A urine-based multiple protein assay to predict ulcerative interstitial cystitis. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017. **Awarded: AUA Best of Posters Award**

Miller B, Keihani S, Smith BP, Reilly PM, Luo-Owen X, Mukherjee K, et al, [**Burks FN**]. Compliance with AUA guidelines with excretory phase imaging for evaluation of high-grade renal trauma: Results from the American Association for Surgery of Trauma (AAST) genitourinary trauma study. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Newman D, **Diokno AC**, Low L, Goode P, Burgio K, Griebing T, et al. A multi-site prospective randomized controlled trial of group-administered behavioral treatment in reducing urinary incontinence in older adult women. International Continence Society (ICS) Annual Meeting, Florence, Italy, September 12-15, 2017.

Nguyen L, *Gaines N, Gruner M, ***Killinger KA**, Jankowski M, **Sirls LT**, et al, [**Peters KM**]. Additional treatments, satisfaction, and quality of life in women after transvaginal and abdominal pelvic organ prolapse repair. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Nguyen L, *Gaines N, McMaster-Gurney A, **Fischer M, *Killinger KA, Gilleran J**, et al, [**Bartley J, Sirls LT**]. Advance male sling: Are surgical volume and experience associated with outcome? Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Nguyen L, *Gaines N, Gurney-McMaster A, **Fischer M, *Killinger KA, Gilleran J**, et al, [**Bartley J, Sirls LT**]. Are pad weight testing and surgical tunneling of sling associated with AdVance male sling outcomes? Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Nguyen L, *Gaines N, Gurney-McMaster A, **Fischer M, *Killinger KA, Bartley J**, et al, [**Gilleran J, Sirls LT**]. Interventions for stress urinary incontinence after AdVance male sling. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Nguyen L, *Killinger KA, *Gaines N, *Gupta P, Sirls LT, Gilleran J, et al, [**Bartley J, Peters KM**]. Characteristics and outcomes of women presenting to a multidisciplinary women's urology clinic. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Urology

Abstracts with Associated Research Presentations: continued

Peters KM. Neuromodulation for chronic urogenital pain: A comparison of pudendal and sacral nerve stimulation. Société Internationale d'Urologie (SIU), Annual Congress, Lisbon, Portugal, October 19-22, 2017. **Awarded: Best Poster**

Peters KM, Cutie C, Radecki D. Safety, tolerability, and preliminary efficacy of LIRIS® 400 mg in women with interstitial cystitis. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Peters KM, Johnston MA, Small S, Taylor R, ***Killinger KA, Sirls LT.** Kegels in a bottle: Preliminary results of a selective androgen receptor modulator (GTX-024) for the treatment of stress urinary incontinence in women. Société Internationale d'Urologie (SIU), Annual Congress, Lisbon, Portugal, October 19-22, 2017. **Awarded: Best Poster**

Sirls LT, Fan A, ***Killinger KA,** *Boura JA. Neuromodulation for chronic urogenital pain: A comparison of pudendal and sacral nerve stimulation. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Sirls LT, Peters KA. A cadaver model describing a novel retrograde approach for percutaneous placement of an implantable tibial nerve stimulation lead. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Sirls LT, Sirls E, ***Killinger KA,** *Boura JA. A Review of over 100 patients undergoing percutaneous tibial nerve stimulation in an office setting: Real world experience. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Sorena K, Xu Y, Presson A, Hotaling J, Raminder N, Piotrowski J, et al, **[Burks, F].** Contemporary management of high-grade renal trauma: Results from the American Association for the Surgery of Trauma (AAST) genitourinary trauma study. American Association for the Surgery of Trauma (AAST) and Clinical Congress of Acute Care Surgery, Annual Meeting, Baltimore, MD, September 13-16, 2017.

Walker Z, Duncan A, Bellomo T, Budd K, Polina A, **Hafron J,** et al. Comparison study of effects of Zerumbone and AG in human renal cell carcinoma of the activation of the Janus kinase pathway and cell survival. Federation of American Societies for Experimental Biology (FASEB), Chicago, IL, April 22-26, 2017.

Wilson A, Kearney D. Obstructive uropathy secondary to an ingested foreign body: A case report. North Central Section of American Urological Association Annual Meeting, Scottsdale, AZ, November 13-17, 2017.

Zimberg S, Richardson T, Sylvester J, Given R, Kipper M, Mantz C, et al, **[Hafron J].** Treatment patterns, patient characteristics, and preliminary safety in the Radium-223 (Ra-223) REASSURE observational study. American Society for Radiation Oncology Annual Meeting, San Diego, CA, September 24-27, 2017.

Urology

Abstracts with Associated Research Presentations: continued

Zwaans BMM, Bartolone S, Nicholai H, Chancellor MB, Lamb LE. Decreased vascular endothelial growth factor in radiation cystitis. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Invited Research Presentations:

Chancellor MB. CME Course: Botulinum toxin: Why use, how to do it, what are the results. American Urological Association (AUA) Annual Meeting, Boston, MA, May 12-16, 2017.

Chancellor MB. Keynote Speaker: New paradigm in OAB treatment. Mexico Urology Congress, Mexico City, Mexico, July 30, 2017.

Chancellor MB. Keynote Speaker: The International CURE-UAB initiative. Taiwan Continence Society, Taichung, Taiwan, Sept 30-Oct 2, 2017.

Chancellor MB. Special Lecture: Cystitis in cancer survivors: The unmet need of hemorrhagic radiation cystitis. Taiwan Continence Society, Taichung, Taiwan, Sept 30-Oct 2, 2017.

Gilleran J. Characteristics and outcomes of women presenting to a multidisciplinary women's urology clinic. Meeting of American Urological Association, Boston, MA, May 12-16, 2017.

Gilleran J. Characteristics associated with neuromodulation device explant for declining efficacy. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Gilleran J. Clinical and urodynamic factors associated with subsequent botulinum toxin A injection after neuromodulation. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Scottsdale, AZ, February 28-March 4, 2017.

Gilleran J. Pelvic floor physical therapy significantly improves pain and voiding symptoms in women with pelvic pain. Meeting of American Urological Association, Boston, MA, May 12-16, 2017.

Gilleran J. Third line therapies for overactive bladder in a geriatric population seen at a tertiary care specialty clinic. Meeting of American Urological Association, Boston, MA, May 12-16, 2017.

Hafron J. Active surveillance of renal masses. Management of advanced kidney cancer: Updates for the practicing physician. University of Michigan Comprehensive Cancer Center, Dearborn, MI, March 2017.

Hafron J. BCG refractory bladder cancer. Large Urology Group Practice Association (LUGPA) National Meeting, Chicago, IL, November 10-11, 2017.

Hafron J. Preserving our future through innovation. Large Urology Group Practice Association (LUGPA) National Meeting, Chicago, IL, November 10-11, 2017.

Urology

Invited Research Presentations: continued

Lamb LE. Driving interstitial cystitis research through crowdsourcing. Great Lakes Biorepository Research Network Annual Meeting. Beaumont Hospital, Royal Oak, MI, November 3, 2017.

Lamb LE. Mouse models for lower urinary tract symptoms. Society for Basic Urologic Research (SBUR) Annual Meeting. Tampa, FL, November 11, 2017.

Peters KM. Neuromodulation for chronic urogenital pain: A comparison of pudendal and sacral nerve stimulation. Meeting of American Urological Association, Boston, MA, May 12-16, 2017.

Peters KM. Pudendal neuromodulation: Improving outcomes with increased afferent stimulation. International Neuromodulation Society (INS), World Congress, Edinburgh, Scotland, UK, May 27-June 1, 2017.

Peters KM. The role of the peripheral nervous system on the development and management of pelvic pain. International Pelvic Pain Society (IPPS), Annual Meeting, Washington, DC, October 12-15, 2017.

Sirls LT. Additional treatments, satisfaction, and quality of life in women after transvaginal and abdominal pelvic organ prolapse repair. American Urological Association Meeting, Boston, MA, May 12-16, 2017.

Sirls LT. A cadaver model describing a novel retrograde approach for percutaneous placement of an implantable tibial nerve stimulation lead. American Urological Association Meeting, Boston, MA, May 12-16, 2017.

Website Contributions, Videoclips, or other Multi-Media Contributions:

Tapper A. Nonseminomatous testicular tumors. Medscape Drugs & Diseases. Updated October 31, 2017. <https://emedicine.medscape.com/article/454477-overview>

Tapper A. Suprapubic aspiration. Medscape Drugs & Diseases. Updated May 31, 2017. <https://emedicine.medscape.com/article/82964-overview>

Non Peer-Reviewed Publications:

Chancellor MB. Editorial comment. J Urol. 2017 Jun;197(6):1495.

BEAUMONT HOSPITAL
Farmington Hills

DERMATOLOGY

Abstracts with Associated Research Presentations:

Hirschman D, Beard C, Lipkin HD. Primary cutaneous apocrine carcinoma of the scalp: A case presentation and discussion. Michigan State Medical Society Annual Meeting, Novi, MI October 25, 2017.

PATHOLOGY

Peer-Reviewed Articles:

Bryant JR, Gardner P, Yousif M, **Pui JC**, Hajjar RT, Haas EA. Aggressive digital papillary adenocarcinoma of the hand presenting as a felon. Case Rep Orthop. 2017;2017:6456342.

Abstracts with Associated Research Presentations:

Khan L, Solomon M, **Pui JC**. Modified rhomboid flap for reconstruction of heel melanoma: A case report. American Podiatric Medical Association (APMA) Annual Scientific Meeting (The National), Nashville, TN, July 27-30, 2017.

RADIOLOGY

Abstracts with Associated Research Presentations:

Boyd S, Cameron-Morrison J, McKnight T. Rare parotid myxofibrosarcoma: Discussion of radiologic-pathological correlation. Head and Neck Imaging in the City of Lights, Las Vegas, NV, September 16-20, 2017.

Jeranko C. Multilobar bronchial atresia: A case report and review of the literature. American Osteopathic College of Radiology Annual Meeting, Las Vegas, NV, April 3-7, 2017.

Knapp D, Antypas E. Isolated ureter injury in the setting of blunt abdominal trauma: Diagnosis and interventional radiology management. American Osteopathic College of Radiology Annual Conference, Las Vegas, NV, April 3-7, 2017. **Awarded: 3rd Place.**

Luu N, Mizzi A. A correlation between dense breasts and higher breast cancer stages. Alvin Yarrows Research Day, Farmington Hills, MI, April 27, 2017.

McKnight T, Cameron-Morrison J, White G, Neumann M, Lepoudre C, Boyd S, et al. Accuracy of 4D CT parathyroid scans in the community setting: Correlation with the presence or absence of classic CT imaging features. Alvin Yarrows Research Day, Farmington Hills, MI, April 27, 2017.

Puthoff G, Borovicka K, Widmaier P, Jarski R. Are we waiting too long? Review of the new ACS breast screening guidelines in biopsy proven breast cancer patients who underwent screening mammography at a community hospital breast center in Farmington Hills, Michigan. American Osteopathic College of Radiology Annual Meeting, Las Vegas, NV, April 3-7, 2017.

Invited Research Presentations:

McKnight T. Nuclear and interactive case review. Botsford Medical Imaging Osteopathic Radiology Oral Board Review, Farmington Hills, MI, February 25-26, 2017.

Saenz R. CT bowel wall thickening. American Osteopathic College of Radiology Annual Meeting, Las Vegas, NV, April 3-7, 2017.

Saenz R. GI radiology review. MSK radiology review, GI hot seat and self -assessments, Botsford Medical Imaging Osteopathic Radiology Oral Board Review, Farmington Hills, MI, February 25-26, 2017.

Saenz R. Office-based x-ray: What you should know. Symposium for Primary Care Medicine, Novi, MI, November 3-4, 2017.

Website Contributions, Videoclips, or other Multi-Media Contributions:

Ali R, Kamienecki K, Mizzi A. Chest x-ray virtual workshop proctor. Symposium for Primary Care Medicine, Novi, MI, November 3-4, 2017.

Radiology

Website Contributions, Videoclips, or other Multi-Media Contributions: continued

Saenz R. Chest x-ray virtual workshop. Symposium for Primary Care Medicine, Novi, MI, November 3-4, 2017.

Saenz R. CT bowel wall thickening webinar. American Osteopathic College of Radiology, October 2017.

BEAUMONT HOSPITAL
Dearborn, Taylor, Trenton, Wayne

ANESTHESIOLOGY

Peer-Reviewed Articles:

Lee LO, Bateman BT, Kheterpal S, Klumpner TT, Housey M, Aziz MF, et al, [Wilczak J]. Risk of epidural hematoma after neuraxial techniques in thrombocytopenic parturients: A report from the multicenter perioperative outcomes group. *Anesthesiology*. 2017 Jun;126(6):1053-1063.

CARDIOVASCULAR DISEASE

Peer-Reviewed Articles:

Hoffmann U, Ferencik M, Udelson JE, Picard MH, Truong QA, Patel MR, et al, [Nahhas G]. Prognostic value of noninvasive cardiovascular testing in patients with stable chest pain: Insights from the PROMISE Trial (Prospective Multicenter Imaging Study for Evaluation of Chest Pain). Circulation. 2017 Jun 13;135(24):2320-2332.

DIAGNOSTIC RADIOLOGY

Peer-Reviewed Articles:

Altawan A, **Golchian D**, Bazzi M, Iltas J, Patel B. Deep vein thrombosis post radiofrequency ablation of the saphenous and perforator veins: Is duplex ultrasound necessary within five days? J Vasc Ultrasound. 2017 41:11-12.

Altawan A, **Golchian D**, Iltas J, Patel B, Bazzi M. Upper extremity arterial testing: The diagnostic criteria for the physiologic examination. J Vasc Ultrasound. 2017 41(2):71-73.

Awan LB, Bhandarkar G, Kim J, Lin T. Primary mammary angiosarcoma in a male. Applied Radiology. 2017 46(10):33-35.

Disharoon M, Kozlowski KF, **Kaniowski JM**. Case 242: Radiation-induced angiosarcoma. Radiology. 2017 Jun;283(3):909-916.

SUBSPECIALTY DIVISIONS OF INTERNAL MEDICINE

CLINICAL NUTRITION

DERMATOLOGY

GENERAL INTERNAL MEDICINE

GERIATRICS

MEDICAL EDUCATION

CLINICAL NUTRITION

Peer-Reviewed Articles:

Phillips W, **Whiddon C**, Wehausen D. A step-by-step guide to implementing a malnutrition coding program for adult inpatients. Support Line. 2017;39(3):2-9.

DERMATOLOGY

Peer-Reviewed Articles:

Daveluy SD. What's eating you? Minute brown scavenger beetle. *Cutis*. 2017 Aug;100(2):92-93.

Hadjicharralambous E, **Diamond S, Mehregan D.** Papular acantholytic dyskeratosis of vulva in setting of Hailey-Hailey. *Int J Dermatol*. 2017 Jun;56(6):e126-e128.

Ward RE, Ali SA, Kuhar M. Epithelioid malignant mesothelioma metastatic to the skin: A case report and review of the literature. *J Cutan Pathol*. 2017 Dec;44(12):1057-1063.

GENERAL INTERNAL MEDICINE

Peer-Reviewed Articles:

Baker M, Weidendorf D, Swaminathan L. Cardiac resynchronization therapy-does one size fit all?: A teachable moment. JCI Insight. 2017 Oct;177(10):1513-1514.

Swaminathan L, Flanders S, Rogers M, Calleja Y, Snyder A, Thyagarajan R, et al, [Bercea P]. Improving PICC use and outcomes in hospitalised patients: An interrupted time series study using MAGIC criteria. BMJ Qual Saf, published online November 13, 2017.

Zakharia K, Tabibian A, Lindor KD, Tabibian JH. Complications, symptoms, quality of life and pregnancy in cholestatic liver disease. Liver Int, published online October 3, 2017.

GERIATRICS

Peer-Reviewed Articles:

Andres AM, Tucker KC, Thomas A, Taylor DJ, **Sengstock D**. Mitophagy and mitochondrial biogenesis in atrial tissue of patients undergoing heart surgery with cardiopulmonary bypass. JCI Insight. 2017 Feb. 23;2(4):e89303.

MEDICAL EDUCATION

Peer-Reviewed Articles:

White NM, **Zhao SG**, Zhang J, Rozycki EB, Dang HX, McFadden SD, et al. Multi-institutional analysis shows that low PCAT-14 expression associates with poor outcomes in prostate cancer. *Eur Urol.* 2017 Feb;71(2):257-266.

OBSTETRICAL / GYNECOLOGICAL SERVICES

Peer-Reviewed Articles:

Huang B, Faucette AN, Pawlitz MD, Pei B, Goyert JW, Zhou JZ, et al, [**Nichols RA, Jones TB**]. Interleukin-33-induced expression of PIBF1 by decidual B cells protects against preterm labor. Nat Med. 2017 Jan;23(1):128-135.

Mariona F, Burnett M, Zoma M, Blake J, Khouri H. Early unexpected diagnosis of fetal life-limiting malformation; antenatal palliative care and parental decision. J Matern Fetal Neonatal Med. 2017 Nov 2:1-8.

Mariona F, Plymel T, Zoma M. Utilization of placenta examination in extremely obese pregnant women: Would it assist in improving prenatal care? Obstet Gynecol. 2017; 129:120S-120S.

Mariona FG. Does maternal obesity impact pregnancy-related deaths? Michigan experience. J Matern Fetal Neonatal Med. 2017 May;30(9):1060-1065.

OPHTHALMOLOGY

Peer-Reviewed Articles:

Thanos A, Todorich B, **Hypes SM**, Yonekawa Y, Thomas B, Randhawa S, et al. Retinal vascular tortuosity and exudative retinopathy in a family with dyskeratosis congenita masquerading as familial exudative vitreoretinopathy. Retin Cases Brief Rep. 2017 Winter;11 Suppl 1:S187-S190.

PATHOLOGY

Peer-Reviewed Articles:

Zhang KJ, **Schaldenbrand M, Turfah F.** Multiorgan Echinococcus infection: Treatment of an immigrant in the United States. ID Cases. 2017 May 29;9:38-41.

PHYSICAL MEDICINE AND REHABILITATION

Peer-Reviewed Articles:

Ho J. Right lower-extremity radiculopathy from a solitary plasmacytoma. *Am J Phys Med Rehabil.* 2017 96(2):e32-e33.

Merz ZC, **Roskos PT**, Gfeller JD, Bucholz RD. Impact of psychiatric symptomatology on neuropsychological assessment performance in persons with TBI: A comparison of OEF/OIF veteran and civilian samples. *Brain Inj.* 2017;31(11):1422-1428.

Meythaler JM, Peduzzi JD. Baclofen solution for low-volume therapeutic delivery. *Neuromodulation.* 2017 Jun;20(4):392-396.

Nelson F, **Bokhari O**, Oravec D, Kim W, Flynn M, Lumley C, et al. The use of tomosynthesis in the global study of knee subchondral insufficiency fractures. *Acad Radiol.* 2017 Feb;24(2):175-183.

Piersol CV, **Canton K**, Connor SE, Giller I, Lipman S, Sager S. Effectiveness of interventions for caregivers of people with Alzheimer's Disease and related major neurocognitive disorders: A systematic review. *Americ J Occup Ther.* 2017 Sept/Oct; 71(5):7105180020p1-7105180020p10.

RADIATION ONCOLOGY

Peer-Reviewed Articles:

Dess R T, Hartman H E, Aghdam N, Jackson WC, Soni PD, Abugharib AE, et al, [**Hamstra DA**]. Erectile function after stereotactic body radiotherapy for localized prostate cancer. *BJU Int*, published online August 17, 2017.

Hamstra DA, Krauss D, Buyyounouski MK. In regard to Morris et al. What more can be learned from the ASCENDE-RT trial? *Int J Radiat Oncol Biol Phys*. 2017 Jun;98(2):481-482.

Hamstra DA. Don't bet against the elderly. *Int J Radiat Oncol Biol Phys*. 2017 Sep 1; 99(1):7.

Karsh L, Gross E, Pieczonka CM, Aliotta PJ, Skomra CJ, Ponsky LE, et al, [**Hamstra, DA**]. Absorbable hydrogel spacer use in prostate radiotherapy: A comprehensive review of phase 3 clinical trial published data. *Urology*, published online November 23, 2017.

Yu JB, **Hamstra D**. Point: Which treatment modality for localized prostate cancer yields superior quality of life: Radiotherapy or prostatectomy? *Oncology*. 2017 Nov 15; 31(11):830-835.

SUBSPECIALTY DIVISIONS OF SURGICAL SERVICES

GENERAL SURGERY

ORTHOPAEDIC SURGERY

PODIATRIC SURGERY

GENERAL SURGERY

Peer-Reviewed Articles:

Jacobs BN, Cain-Nielsen AH, Jakubus, JL, Mikhail JN, **Fath JJ**, Regenbogen SE, et al. Unfractionated heparin versus low-molecular-weight heparin for venous thromboembolism prophylaxis in trauma. *Nat Med.* 2017 Jul;83(1):151-158.

Quach GT, Frisby J, **Kralovich K**, **Bohra M**. First necrotizing fasciitis caused by haemophilus influenza serotype a. *J Investig Med High Impact Case Rep.* Oct 25;5(4):2324709617736791.

ORTHOPAEDIC SURGERY

Peer-Reviewed Articles:

Lombardo DJ, Jelsema T, Gambone A, Weisman M, Petersen-Fitts G, Whaley JD, et al, [Sabesan VJ]. Extremity fractures associated with ATVs and dirt bikes: A 10-year national epidemiologic study. *Musculoskelet Surg.* 2017 Aug;101(2):145-151.

Sabesan V, Whaley J, Petersen-Fitts G, Sherwood A, Sweet M, Lima DJL, et al. The effect of Medicaid payer status on patient outcomes following repair of massive rotator cuff tears. *Musculoskelet Surg*, published online November 28, 2017.

Sabesan VJ, Lombardo D, Petersen-Fitts G, Weisman M, Ramthun K, Whaley J. National trends in proximal humerus fracture treatment patterns. *Aging Clin Exp Res.* 2017 Dec;29(6):1277-1283.

Sabesan VJ, Petersen-Fitts G, Lombardo D, Briggs D, Whaley J. Medicaid payer status is linked to increased rates of complications after treatment of proximal humerus fractures. *J Shoulder Elbow Surg.* 2017 Jun;26(6):948-953.

Sabesan VJ, Shahriar R, Petersen-Fitts GR, Whaley JD, Bou-Akl T, Sweet M, et al, [Milia M]. A prospective randomized controlled trial to identify the optimal postoperative pain management in shoulder arthroplasty: Liposomal bupivacaine versus continuous interscalene catheter. *J Shoulder Elbow Surg.* 2017 Oct;26(10):1810-1817.

Weisman MHS, Holmes JR, Irwin TA, Talusan PG. Venous thromboembolic prophylaxis in foot and ankle surgery: A review of current literature and practice. *Foot Ankle Spec.* 2017 Aug;10(4):343-351.

Yousif MJ, Faruqi TA. C2 solitary bone plasmacytoma curettage and vertebral augmentation in an 83-year-old female: Case report and review of surgical treatment approaches in the spine. *Case Rep Orthop*, published online December 17, 2017.

PODIATRIC SURGERY

Peer-Reviewed Articles:

Douthett SM, Plaskey NK, Fallat LM, Kish J. Retrospective analysis of the kin osteotomy. J Foot Ankle Surg, published online September 30, 2017.

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