

Research Institute

Report of
Accomplishments

2016

**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

Beaumont Health, serving southern Michigan and beyond, recognizes the inherent value of research as a

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BEAUMONT HOSPITAL
Royal Oak, Troy, Grosse Pointe

ANESTHESIOLOGY AND PERIOPERATIVE MEDICINE

Peer-Reviewed Articles:

Benzon HT, Asher YG, **Hartrick CT**. Back pain and neuraxial anesthesia. *Anesth Analg* 2016. Jun 1;122(6):2047-2058.

Hartrick CT, Knapke DM, Ding L, Danesi H, Jones JB. Fentanyl iontophoretic transdermal

BIOBANK

Peer-Reviewed Articles:

Alghamdi S, Khan I, **Thibodeau BJ**, McKee C, Beeravolu N, **Wilson GD**, et al. BET protein inhibitor JQ1 inhibits growth and modulates WNT signaling in mesenchymal stem cells. Stem Cell Res Ther. 2016 Feb 1;7(1):22.

*Baschnagel AM, *Tonlaar N, Eskandari M, Kumar T, Williams L, Hanna A, et al, [**Pruetz BL, Wilson GD**]. Combined CD44, c-MET, and EGFR expression in p16-positive and p16-negative head and neck squamous cell carcinomas. J Oral Pathol Med, published online July 21, 2016.

Beeravolu N, Khan I, McKee C, Dinda S, **Thibodeau B, Wilson GD**, et al. Isolation and

BioBank

Abstracts with Associated Research Presentations: continued

Thibodeau BJ, Stone B, Baschnagel AM, **Fortier LE**, Almradi A, **Wilson GD**, et al. Gene expression profiling in long and short-term survivors after resection for pancreatic cancer. 50th

Cardiovascular Disease

Peer-Reviewed Articles: continued

Cardiovascular Disease

Peer-Reviewed Articles: continued

Oliver-McNeil S, Templin TN, **Haines DE**. Preoperative ICD risk score variables predict 30-day readmission after implantable cardioverter defibrillator implantation in patients with heart failure. *Heart Lung* 2016. Jan-Feb;45(1):29-33.

Patel HJ, Herbert MA, Paone G, Heiser JC, **Shannon FL**, Theurer PF, et al. The midterm impact of transcatheter aortic valve replacement on surgical aortic valve replacement in Michigan. *Ann Thorac Surg* 2016. Sep;102(3):728-734.

Perdoncin E, Seth M, **Dixon SR**, Cannon L, Khandelwal A, Riba A, et al. The comparative efficacy of bivalirudin is markedly attenuated by use of radial access: Insights from Blue Cross Blue Shield of Michigan Cardiovascular Consortium. *Eur Heart J* 2016 Jun 21; 37(24):1902-1909.

Raff GL, **Chinnaiyan KM**. Sex-specific associations between coronary artery plaque extent and risk of major adverse cardiovascular events. *JACC Cardiovasc Imaging*. 2016 Apr;9(4):364-72.

Cardiovascular Disease

Peer-Reviewed Articles: continued

Sallis RE, Baggish AL, **Franklin BA**, Whitehead JR. The call for a physical activity vital sign in clinical practice. *Am J Med.* 2016 Sep;129(9):903-905.

Safian RD, Hanzel GS. Management of vascular access after TAVR: Let's keep it simple. *Catheter Cardiovasc Interv.* 2016 Aug;88(2):285-6.

Sallis RE, Matuszak JM, Baggish AL, **Franklin BA**, Chodzko-Zajko W, Fletcher BJ, et al. Ca2.9(FIJ9.1(M)

Cardiovascular Disease

Abstracts with Associated Research Presentations: continued

Wei L, Shannon F, **Hanzel GS, Sakwa M, Abbas A, Safian RD**, et al, [**Almany S**]. Fascia iliaca compartment block and none to light sedation as an alternative minimalist approach to sedation

COLON and RECTAL SURGERY

Peer-Reviewed Articles:

*Honaker M, Scouten S, Sacksner J, Ziegler M, Wasvary H. A medial to lateral approach

DIAGNOSTIC RADIOLOGY and MOLECULAR IMAGING

Peer-Reviewed Articles:

***Alapati SK, Krishnan A**, Arani K, **Silbergleit R**, Dulai M. The Meckel's cave: What hides within? Neurographics. 2016 Jan 1;6(1):20-32.

Alchammas J, *Al-Faham Z, Roumayah Y, *Wong OC. The evaluation of lupus myocarditis with N-13 ammonia and 18F-FDG PET scan. J Nucl Med Technol. 2016 Sep;44(3):210-1.

***Al-Faham Z, *Jolepalem P, Rydberg J,*Wong CY**. Optimizing 18F-FDG uptake time prior to imaging improves the accuracy of PET/CT in liver lesions. J Nucl Med Technol. 2016 Jun; 4(2):70-2.

***Al-Faham Z, *Jolepalem P, *Wong CY**. The evaluation of cardiac sarcoidosis with 18F-FDG PET. J Nucl Med Technol. 2016 Jun;44(2):92-3.

***Al-Faham Z, Kassir MA, *Wood D, Balon HR**. Appearance of meningioma on Tc99m-HMPAO SPECT brain scan: Correlation with MRI. J Nucl Med Technol. 2016 Jun;44(2): 90-91.

Al-Katib S, Sokhandon F, Farah M. MRI for appendicitis in pregnancy: Is seeing believing? Clinical outcomes in cases of appendix nonvisualization. Abdom Radiol (NY). 2016 Dec;41(12);2455-2459.

Brandenburg S, Kilanowski S. Subacute combined degeneration from nitrous oxide abuse. American College of Radiology Case in Point, published online May 16, 2016.

Chehab M, Friedlander JA, Handel J, Vartanian S, Krishnan A, * Wong CY, et al, [**Korman H, Seifman B, Ciacci J**]. Percutaneous cryoablation vs. partial nephrectomy: Cost

Diagnostic Radiology and Molecular Imaging

Peer-Reviewed Articles: continued

Krishnan A, Kaza RK, Vummidi DR. Cross-sectional imaging review of tuberous sclerosis. Radiologic Clinics of North America. 2016 May;54(3):423-40.

***Margiewicz S, Krishnan A**, Al Jabber A, Rontal D, Zakalik K. Frontal sinus meningo-encephalocele with extension through the nasal drainage pathway and into the nasopharynx. Neurographics. 2016 January/February;6(1):39-42.

Osetek A, Khayyata S, **Ebersole J, Ciacci J**. Endovascular colorectal adenocarcinoma metastasis. J Vasc Interv Radiol. 2016 Dec;27(12):1845.

Reich S, Langlas T, Kilanowski S. Catamenial pneumothorax. American College of Radiology Case in Point, published online April 8, 2016.

Rimmke N, Maerz T, Cooper R, **Yadavalli S**, Anderson K. Arthroscopic suture bridge rotator cuff repair: Functional outcome, repair integrity, and preoperative factors related to postoperative outcome. Phys Sportsmed. 2016 May;44 (2):126-32.

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 (NY), published online December 20, 2016.

Vikram R, Beland MD, Blaufox MD, Moreno CC, Gore JL, Harvin HJ, et al, [**Weinfeld RM**]. ACR appropriateness criteria. Renal cell carcinoma staging. J Am Coll Radiol. 2016 May;13(5):518-25.

Ysunza PA, **Bloom D**, Chaiyasate K, Rontal M, **VanHulle R, Gibson D**, et al. Velopharyngeal videofluoroscopy: Providing useful clinical information in the era of reduced dose radiation and safety. International J Pediatr Otorhinolarygol. 2016 89 Oct;127-32.

Book Chapter or Full Book Publications:

Araujo Jr E, Maegher S, **Goncalves LF**. Fetal malformations detected by three dimensional ultrasound. In: Araujo Jr E, Martins WDP, editors. Advanced topics on three-dimensional ultrasound in obstetrics and gynecology. Shaijah, UAE: Bentham Science Publications; 2016. p.191-214.

Krishnan A, Sijbeek R. Neurosarcoidosis of the spine. In: Gupta S, Sciubba DM, Mikhael MM, Nicolaou S, editors.

Diagnostic Radiology and Molecular Imaging

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

***Kramer J, Barry K, Wang AM, Krishnan A, Wilseck J.** Pathology spectrum of the medulla oblongata: A neuroimaging review. American Society of Neuroradiology (ASNR) 54th Annual Meeting, Washington, DC, May 23-26, 2016.

Krishnan A, Marin H, *Margiewicz S, Silbergleit R, Ceulemans R, Wilseck J, et al. Medullary edema and enhancement: A characteristic but unusual manifestation of dural arteriovenous fistulas on MRI. American Society of Neuroradiology (ASNR) 54th Annual Meeting, Washington, DC, May 23-26, 2016.

***Lack B, Friedlander J, Emerson S, Farah M.** Reducing radiation dose in fluoroscopic guided enteric tube placement. 46th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, May 24, 2016.

Mansoor B, Greene R, Kirsch M. Complications of percutaneous radiological gastrostomy

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

Patel K, Wilseck J. The spinal epidural space: Review of anatomy and case examples of common and uncommon lesions. American Society of Spine Radiology (ASSR) Annual Symposium, Bonita Springs, FL, February 18-21, 2016.

Patel K, Wilseck J. Spectrum of head and neck sarcomas: A pictorial review. American Society of Head and Neck Radiology (ASHNR) Annual Symposium, Washington, DC, September 7-11, 2016.

Patel K, Copelan A, Kazanji B, Ciacci J. Predictors of active extravasation during mesenteric angiography in patients with acute gastrointestinal hemorrhage. American Society of Emergency Radiology (ASER) 28th Annual Meeting, San Francisco, CA, September 14-17, 2016.

***Patel S, Doshi S.** How to assess for ulnar neuritis at the elbow. American Roentgen Ray Society (ARRS) Annual Meeting, Los Angeles, CA, April 17-22, 2016.

***Patel S, *Reich S, Yadavalli S.** Ergonomics in the reading room: Creating a healthy work environment for the radiologist. Association of University Radiologists (AUR) 64th Annual Meeting, San Diego, CA, March 29-April 1, 2016.

***Patel S, Yadavalli S, *Zintsmaster MP.** Ultrasound imaging of the hand and wrist. Society of Skeletal Radiology (SSR) 39th Annual Meeting, New Orleans, LA, March 13-16, 2016.

Rahman S, Noujaim S, Chaiyasate K. Craniosynostosis: Diagnosis, pitfalls, and management.

EMERGENCY MEDICINE

Peer-Reviewed Articles:

Auvergne L, Bortsov AV, Ulirsch JC, Peak DA, Jones JS, **Swor RA**, et al. Association of epidemiologic factors and genetic variants influencing hypothalamic-pituitary-adrenocortical axis function with postconcussive symptoms after minor motor vehicle collision. *Psychosom Med*. 2016 Jan;78(1):68-78.

Bahado-Singh RO, Graham SF, Turkoglu O, Beauchamp K, Bjordahl TC, Han B, et al. [**Kowalenko T**]. Identification of candidate biomarkers of brain damage in a mouse model of closed head injury: A metabolomic pilot study. *Metabolomics*. 2016; 12(3):1-13.

Bahl A,

Emergency Medicine

Peer-Reviewed Articles: continued

Nishijima DK, Laurie AI, Weiss RE, Yagapen AN, Malveau SE, **Clark CL**, et al. Reliability of clinical assessments in older adults with syncope or near syncope. *Acad Emerg Med* 2016. Sep;23(9):1014-21.

Pandurangadu A, Tucker J, Bagan M, **Bahl A**. Patient satisfaction with nurse placed ultrasound guided peripheral IV. *Emerg Med*. 2016 May;6:32.

Pappas AJ, Knight SW, McLean KZ, **Bork S**, Kurz MC, **Sawyer KN**. Thrombus-in-transit: A case for a multidisciplinary hospital-based pulmonary embolism system of care. *J Emerg Med*. 2016 Sep;51(3):298-302.

Platts-Mills TF, Flannigan SA, Bortsov AV, Smith S, Domeier RM, **Swor RA**, et al. Persistent pain among older adults discharged home from the emergency department after motor vehicle crash: A prospective cohort study. *Ann Emerg Med*. 2016 Feb;67(2):166-176.e1.

Platts-Mills TF, Nicholson RJ, Richmond NL, Patel KV, Simonsick EM, **Swor RA**, et al. Restricted activity and persistent pain following motor vehicle collision among older adults: A multicenter prospective cohort study. *BMC Geriatr*. 2016 Apr 19;16:86.

Rose J*, **Berger DA**. Elderly woman with chest pain. *Ann Emerg Med*. 2016 Sept; 68(3): e67-e68.

Sawyer KN, Brown F, Christensen R, Damino C, Newman MM, Kurz MC. Surviving sudden cardiac arrest: A pilot qualitative survey study of survivors. *The Hypothermia Temp Manag*. 2016 Jun;6(2):76-84.

Sefa N, Sawyer KN. Smith-modified Sgarbossa criteria and paced rhythms: A case report. *J Emerg Med*. 2016 Sep 8; pii: S0736-4679(16)30383-3.

Sefa N, Pandurangadu V, Mann A, **Bahl A**. Nontraumatic splenic rupture. *Emer Med*. 2016 Oct;48(10):456-59.

Tsalik EL, Henao R, Jaehne AK, Rivers EP, **Otero RM**, Zaas AK, et al. Host gene expression classifiers diagnose acute respiratory illness etiology. *Sci Transl Med*. 2016 Jan 20;8(322):322ra11.

Wheatley M, Baugh C, Osborne A, **Clark C**, Shayne P, Ross M. A model longitudinal observation medicine curriculum for an emergency medicine residency. *Acad Emerg Med*. 2016 Apr;23(4) 482-92.

Willenbring BD, Lerner EB, Brasel K, Cushman JT, Guse CE, Shah MN, et al, [**Swor RA**]. Evaluation of a consensus-based criterion standard definition of trauma center need for use in field triage research. *Prehosp Emerg Care*. 2016;20(1):1-5.

Zanyk-Mclean K, Paternoster R, **Sawyer KN**, Shiviets 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*, published online November 18, 2016.

Emergency Medicine

Book Chapter or Full Book Publications:

Peacock WF, **Clark CL**, editors. Short stay management of atrial fibrillation. Switzerland:

Emergency Medicine

Invited Research Presentations:

Peacock WF, Char D, **Clark CL** Singer AJ, Rafique Z, Rasmussen H, et al. Burden of hyperkalemia and treatment patterns in the ED. American College of Emergency Physicians Research Forum, Las Vegas, NV, October 16-19, 2016.

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

Adas J, Borschke F, Walters BL. Dr. Seldinger and his wire. MCEP News and Views. <https://www.mcep.org/imis15/mcepdocs/Newsletters/NovDec16newsletter.pdf>. December 2016.

Non Peer-Reviewed Publications:

Bahl A. Carotid flow time and blood loss. ACEP Emergency Ultrasound Newsletter. February 2016.

Sefa N, Stahl A, Pandurangadu V, Fringer R, Bahl A. Non-traumatic splenic rupture. MCEP News and Views. March 2016;26(2).

FAMILY MEDICINE

Peer-Reviewed Articles:

Coyne KS, Currie BM, Brodsky D, Asmus M, Krichbaum M, Mulhem E, et al. Psychometric validation of the electronic chronic pain questions (eCPQ) in a primary care setting. *Curr Med Res Opin*, published online November 10, 2016.

Invited Research Presentations:

Lick D, Biggs W, Graham T. Teaching residents to teach: Enhancing the “near-peer” experience. American Academy of Family Physicians Program Directors Workshop, Kansas City, MO, April 1-3, 2016.

Lick D, Oleszkowicz A. Organized chaos: Making faculty meetings more effective. American Academy of Family Physicians Program Directors Workshop, Kansas City, MO, April 1-3, 2016.

Lick D, Rosbolt J, Ripley T

SUBSPECIALTY DIVISIONS OF INTERNAL MEDICINE

ALLERGY

GASTROENTEROLOGY and HEPATOLOGY

ALLERGY

Peer-Reviewed Articles:

Koppisetty S, Skrzynski AK, **Lauter CB**, Sims MD. Human metapneumovirus: A rare cause of acute meningoencephalitis. J Clin Infect Dis. 2016;24(4):193-244.

Lauter CB, Koppisetty S. Recurrent idiopathic anaphylaxis in a woman after suspected food poisoning. J Allergy Clin Immunol 2016;137(2):AB53.

Abstracts with Associated Research Presentations:

Lauter CB, Koppisetty S. Recurrent idiopathic anaphylaxis in a woman after suspected food poisoning. American Academy of Allergy, Asthma and Immunology Meeting, Los Angeles, CA, March 4-7, 2016.

GASTROENTEROLOGY and HEPATOLOGY

Peer-Reviewed Articles:

Cappell MS

Gastroenterology and Hepatology

Peer-Reviewed Articles: continued

Gjeorgjievski M, *Manickam P, **Ghaith G, Cappell MS**. Safety and efficacy of endoscopic therapy for nonmalignant duodenal duplication cysts: Case report and comprehensive review of 28 cases reported in the literature. *Medicine (Baltimore)*. 2016 May;95(22):e3799.

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*. 2106 Nov 9; 3(4):e147.

Hakim S, Amin M, **Cappell MSB**, Nandalur K. Limited, local, extracolonic spread of mucinous appendiceal adenocarcinoma after perforation and malignant cecal-to-sigmoid fistulization: Case report & literature review. *World J Gastroenterol*. 2016 Oct 14; 22(38):8624-30.

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*, published online October 6, 2016.

*Nojkov B,

Gastroenterology and Hepatology

Abstracts with Associated Research Presentations: continued

Hakim S, Gjeorgjievski M, **Mogrovejo E**, Orosey M, **Cappell MS**. Simultaneous esophageal and recto-sigmoid poorly differentiated adenocarcinoma with different MLH1 stain. American College of Gastroenterology Annual Meeting, Las Vegas, NV, October 14-29, 2016.

Hakim S, Gjeorgjievski M, *Puauar Gjeorg.8(r)3.8(g.O)-2or.-9(a)k91.(ca)-4.7(n)]TJ E8pp(g)6o.8(r)29(

GENERAL INTERNAL MEDICINE

Peer-Reviewed Articles:

Chopra V, Smith S, **Swaminathan L**, Boldenow T, Kaatz S, Bernstein SJ, et al, [Flanders S]. Variations in peripherally inserted central catheter use and outcomes in Michigan hospitals. JAMA Intern Med. 2016 Apr;176(4):548-51.

Gjeorgjievski M, Cappell M. Portal hypertensive gastropathy: A systematic review of the pathophysiology, clinical presentation, natural history and therapy. World J Hepatol. 2016 Feb 8; 8(4):231-262.

Gjeorgjievski M, Manickam P, Ghaith G, Cappell M. Safety and efficacy of endoscopic therapy for nonalcoholic steatohepatitis. World J Hepatol. 2016 Feb 8; 8(4):231-262.

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General Internal Medicine

Peer-Reviewed Articles: continued

Yadav S, *Kazanji N, *KC N, *Paudel S, *Falatko J, Shoichet S, Maddens M, Barnes MA. Comparison of accuracy of physical examination findings in initial progress notes between paper chart and a newly implemented electronic health record. J Am Med Inform Assoc, published online June 29, 2016.

Abstracts with Associated Research Presentations:

Alhafez B, Mertens A, Ospina, L. Thyroid storm presenting as acute heart failure. American Association for Clinical Endocrinologists (AACE) Annual Meeting, Orlando, FL, May 25-29, 2016.

Alhafez B. Improving care for diabetes patients in the internal medicine clinic: A quality improvement study. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Alhalabi O, Gniado E, Ospina L. The vitamin D activating lymphoma. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

Alhalabi O. Prescribing patterns of rasburicase and glucose-6-phosphate dehydrogenase (G6PD) testing in a large community health system. 46th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, May 24, 2016.

Alhalabi O. Multiple sclerosis, severe hypertension, and proteinuria: Should this combination alarm you? American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Alhalabi O, Chisti M. Painful ascites due to aggressive malignancy: A prognostic dilemma. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Alhalabi O, Yadav S, Jaiyesimi I. Prescribing patterns of rasburicase and glucose-6-phosphate-dehydrogenase (G6PD) testing in a large community health system. J Clin Oncol 34, 2016 (suppl; abstr e18206).

Anese A, Sultan R, Gjeorgjievski M, Stecevic V. Plasma cell dyscrasia and upper gastrointestinal bleeding. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

Anese A. The assessment of the evidence based medicine curriculum. 46th Annual Residents'

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Fisher A. Medically managed choledochoduodenal fistula. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Fisher A, Gjeorgjievski M, Cappell M. Gastrointestinal stromal tumor: Searching for the bleed. Annual College of Gastroenterology (ACG) Annual Scientific Meeting, Las Vegas, NV, October 14-19, 2016.

Garg L, Pow T, Gallagher M, Abbas A, Hanzel G, Safian R, et al. Iliopsoas area as an objective frailty assessment tool for TAVR. 46th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, May 24, 2016.

Ginoya Meka S, Marinos A, Berghea R. It's never too late! A case of late-onset multiple sclerosis. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

Ginoya Meka S. A grapefruit-sized cyst weighing on the heart. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Ginoya Meka S, Sheldon D, Christensen P. A holey predicament. American College of Chest Physicians (CHEST), Los Angeles, CA, October 22-26, 2016.

Ginoya Meka S, Bozyk P. Tick tock: A race against the diagnostic clock! American College of Chest Physicians (CHEST), Los Angeles, CA, October 22-26, 2016.

Ginoya Meka S, Otoupalova E, Patel V, Cichewicz A, Dalal B. Rituximab: Friend or foe for pulmonary arterial hypertension? American College of Chest Physicians (CHEST), Los Angeles, CA, October 22-26, 2016.

Gjeorgjievski M, Jayaschandran V, Orosey M, Mogrovejo E, Cappell M. Gastrointestinal stromal tumor causing massive gastrointestinal bleeding. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

Gjeorgjievski M. Invasive adenocarcinoma arising in a congenital enteric duplication cyst. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Gjeorgjievski M. Choledochoduodenal fistula in a patient with a percutaneous endoscopic gastrostomy. Annual College of Gastroenterology (ACG) Annual Scientific Meeting, Las Vegas, NV, October 14-19, 2016.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Keeney S, Khanal P. Anchoring bias in a case of recurrent abdominal pain. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Keeney S, Makki I, *Khaddam S, *Falatko J. Improved short-term outcomes in malignancy-associated PE with anticoagulation after IVC filter placement: A retrospective cohort. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016. **Awarded: 1st Place Oral Research.**

***Khaddam S.** Cardiomyopathy in ANCA negative Churg-Strauss. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

Khanal P, Sage R, Levinson J. Hepatic abscess in primary sclerosing cholangitis mimicking inflammatory bowel disease exacerbation. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

***Khoury Abdulla R, Silverman L.** When mitral regurgitation is not just another leaky valve. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

Khoury J. When leukemic cells form isolated mediastinal mass. American eb29.9(sic6.9(n)a)-i vgd6. Ame

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Lynch S, Fadlallah R. Blowing bubbles into your brain: Life-threatening or life-saving event? American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Maditz R. Preventing pregnancy and gaining calcium deposits. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Makki I. Rapid opioid detoxification gone wrong. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Matka M. Spontaneous group b streptococcus osteomyelitis pubis: A case report. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Mercado-Alamo M, Otoupalova E, Marinescu V, Dixon S. Fat embolism syndrome: A rare cause of obstructive shock. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

Mercado-Alamo M, Tagami T, Makris A. Superior vena cava syndrome: A rare complication of permanent pacemaker implantation. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

Mertens A, Verrill T, Gallaher M. A (VF) storm is coming: Differentiating between Brugada Syndrome and Brugada Pattern. American College of Physicians (ACP) National Internal Medicine Meeting, Washington, DC, May 3-7, 2016.

Mertens A, Isaac D, Bozyk P. It's not all in the numbers: An unusual presentation of pulmonary leukostasis without hyper leukocytosis. American College of Physicians (ACP) National Internal Medicine Meeting, Washington, DC, May 3-7, 2016.

Mertens A, Verrill T, Kerner N. Asymptomatic quadricuspid aortic valve in a 79 year old female. 46th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, May 24, 2016. **Awarded: 2nd Place Case Reports Category**

Ogunleye F, Ibrahim M, Blankenship L, **Yadav S**, Ifabiyi T, Douglas V, et al. Analysis of genomic aberrations and its impact on survival in patients with chronic lymphocytic leukemia (CLL) at the William Beaumont Hospital Cancer Center. Blood 2016;128:5580

Orosey M, Johnson P, *Garg L. Neurosyphilis: An uncommon cause of altered mental status. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

Orosey M. A rare case of gastrocolic fistula-emphasizing the importance of surveillance colonoscopy. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Orosey M. An unusual presentation of a left gastric artery pseudoaneurysm. American College of Physicians (ACP) National Internal Medicine Meeting, Washington, DC, May 3-7, 2016.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Orosey M. Colonic perforation from colonic mucormycosis in an immunocompetent patient. American College of Physicians (ACP) National Internal Medicine Meeting, Washington, DC, May 3-7, 2016.

Orosey M. Gallbladder carcinoma presenting with manubrium metastasis: A rare phenomenon. American College of Physicians (ACP) National Internal Medicine Meeting, Washington, DC, May 3-7, 2016.

Osman M. Acute disseminated encephalomyelitis secondary to mycoplasma pneumonia in an adult. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Otoupalova E. A small bite with big consequences: A unique cause of rash and fever. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016.

Otoupalova E, Ginoya Meka S, Schuiteman E, Dalal B. A case of unilateral wheezing: A surprise in the right lower lobe. American College of Chest Physicians (CHEST), Los Angeles, CA, October 22-26, 2016.

Otoupalova E, Ginoya Meka S, Dalal B, Dogra S. Recurrent chylothorax: A clinical mystery. American College of Chest Physicians (CHEST), Los Angeles, CA, October 22-26, 2016.

Schuiteman E, Otoupalova E, Ginoya Meka S, Verrill T, Mina N, Dalal B. Constriction-created catastrophe. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, September 29-October 2, 2016. **Awarded: 1st Place Oral Clinical Vignette.** American College of Chest Physicians (CHEST), Los Angeles, CA, October 22-26, 2016.

Sczepanski M. Honey, I can't read: An uncommon yet crucial cause of stroke in a middle-aged man. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, April 29, 2016.

Sczepanski M.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Soltero Mariscal E. Recurrent lung infiltrates and anemia. A case of pulmonary hemosiderosis in an adult patient. American College of Physicians (ACP) Michigan Chapter Scientific Meeting,

GERIATRICS

Peer-Reviewed Articles:

Marples B, McGee M, Callan S, Bowen SE, Thibodeau BJ, **Maddens M**, et al. Cranial irradiation significantly reduces beta amyloid plaques in the brain and improves cognition in a murine model of Alzheimer's Disease (AD). *Radiother Oncol.* 2016 Mar;118(3):579-80.

Abstracts with Associated Research Presentations:

Yilmaz A, Geedes T, Wilson G, Bahado-Singh RO, **Imam K, Maddens M**. Metabolomic biomarkers in saliva for the diagnosis of Alzheimer's Disease. *Metabolomics Society Meeting*, Dublin, Ireland, June 27-30, 2016.

HEMATOLOGY / ONCOLOGY

Peer-Reviewed Articles:

Chisti MM, Leo N, Shang Y, Klamerus JFA, **Jaiyesimi IA**, Zeng X. Characterization of self-assembled monolayers (SAM) of peptide mimotopes of CD20 antigen [ba7(o15)-145(z)9.1(e)-3.1(n)-3

Hematology / Oncology

Invited Research Presentations:

Glick A, Yadav S, Ogunleye F, Rana J, Marinos A, Otoupalova E, et al, [Jaiyesimi I]. Correlation between histological grade and estrogen receptor percentage with oncotype DX recurrence score in early stage breast cancer. 46th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, May 24, 2016.

Ibrahim M, Ogulneye F, Jaiyesimi I, Huben M. Cold hands, warm heart: A case of paroxysmal cold hemoglobinuria. 46th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, May 24, 2016.

Ibrahim M, Roye J, Ogunleye F, Jaiyesimi I. Representation of minorities in cancer clinical trials conducted at William Beaumont Hospital. Michigan Summit on Quality Improvement and Patient Safety Conference, Troy, MI, June 3, 2016.

Jinna S, **Rana J**, Huang J, **Stender M.** Follicular dendritic cell sarcoma: CHOP or not to CHOP. 46th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, May 24, 2016.

Marinos A, **Glick A, Jaiyesimi I.** Case report: From lymphoid to myeloid neoplasm: Hematological malignancy with eosinophilia in a young patient. 46th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, May 24, 2016.

Ogunleye F, Huang J, **Ibrahim M**, Allen E, Brennan N, **Jaiyesimi I.** Diagnostic significance of screening for BCR-ABL1 by PCR in patients with neutrophilia: The Beaumont Hospital experience. 46th

Infectious Diseases

Abstracts with Associated Research Presentations: continued

Lauter CB, Koppisetty S. Recurrent idiopathic anaphylaxis in a woman after suspected food

Neurology

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

Menkes DL. The brachial plexus: Anatomy and structure, clinical localization and electrodiagnostic features, [2nd Edition]. NeuroLearn: American Academy of Neurology, January 29, 2016.

http://tools.aan.com/education/webcme/index.cfm?event=neurolearn:info&PROGRAM_ID=196

NUTRITION and PREVENTIVE MEDICINE

Abstracts with Associated Research Presentations:

Lynch A, **Zalesin KC**. The use of dietary and weight monitoring behaviors among bariatric surgery patients: A 12-month follow-up study examining relationships with weight loss. Food and Nutrition Conference and Expo, Boston, MA, October 18, 2016.

Lloyd E, **Miller WM**. Demographic characteristics, motivators and feedback of participants attending health system-based cooking classes for children. 5th Annual William Davidson Medical Education Week, Oakland University Credit Union Dean's Choice Award Finalist, Royal Oak, MI, May 23, 2016.

OBSTETRICAL / GYNECOLOGICAL SERVICES

Peer-Reviewed Articles:

Arias M, Chevallier O, **Graham SF**, Gasull A, Crooks SRH, Danaher M, et al. Metabolomics reveals novel biomarkers of illegal 5-nitroimidazole treatment in pigs. Further evidence of drug toxicity uncovered. Food Chem. 2016 May 15;

Obstetrical / Gynecological Services

OPHTHALMOLOGY

Ophthalmology

Peer-Reviewed Articles: continued

*Shah AR, *Abbey AM, *Yonekawa Y, **Khandan S, Wolfe JD, Trese MT**, et al, [**Williams GA, Capone A Jr**].

Ophthalmology

Peer-Reviewed Articles: continued

*Yonekawa Y, ***Todorich B, Trese MT**. Optical coherence tomography angiography findings in Coats' disease. Ophthalmology. 2016 Sep;123(9):1964.

*Yonekawa Y, Wu Wei-Chi, Kusaka S, *Robinson J, Tsujioka D, Kang Kai, et al, [**Drenser KA**]. Immediate sequential bilateral pediatric vitreoretinal surgery: An international multicenter study. Ophthalmology. 2016 Aug;123(8):1802-8.

*Yonekawa Y, Mammo D, *Thomas B, **Wolfe JD, Hassan TS**. A comparison of intraoperative

Ophthalmology

Orthopaedic Surgery

Peer-Reviewed Articles: continued

Newton MD, Hartner SE, Timmons S, Delaney ND, Pirrone MG, Baker KC, *Maerz T.

Contrast-enhanced μ CT of the intervertebral disc: A comparison of anionic and cationic contrast agents for biochemical and morphological characterization. J Orthop Res published online July 26, 2016.

Osborne JD, *Gowda AL, Wiater BP, Wiater JM. Rotator cuff rehabilitation: Current theories and practice. Phys Sportsmed. 2016;44(1):85-92.

Orthopaedic Surgery

Abstracts with Associated Research Presentations: continued

***Koreckij T, Salisbury M, *Davidson AA, Newton MD, *Maerz T, Fischgrund JS, et al, [Park DK, Baker KC].** In vitro evaluation of a novel chitosan-hydroxyapatite-stromal cell derived factor 1a bone scaffold. Orthopaedic Research Society Annual Meeting, Orland, FL, March 4-8, 2016.

Kurdziel MD, Newton MD, *Gowda AL, Baker KC, Wiater JM. Quantitative evaluation of retrieved reverse total shoulder arthroplasty liner surface deviation and volumetric wear. Orthopaedic Research Society Annual Meeting, Orlando, FL, March 4-8, 2016.

Luczak SB, Koueiter DM, Kurdziel MD, Moore DD. Does insurance status affect the presentation of giant cell tumors of bone? Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 17-19, 2016. Musculoskeletal Tumor Society Annual Meeting, Detroit, MI, October 5-7, 2016.

***Maerz T, *Davidson AA, Newton MD, Planalp M, Baker KC.** Longitudinal characterization of degenerative changes to the vertebral motion segment following puncture of the annulus fibrosus. Orthopaedic Research Society Annual Meeting, Orlando, FL, March 4-8, 2016.

***Maerz T, Davidson A, Newton MD, Salisbury M, Fleischer MM, Altman P, et al, [Kurdziel MD, Baker KC].** Systemic mesenchymal stem cell mobilization and migration following anterior cruciate ligament (ACL) rupture. Orthopaedic Research Society Annual Meeting, Orlando, FL, March 5-8, 2016.

***Maerz T, Kurdziel MD, Newton MD, Altman P, Anderson K, Baker KC.** Stem cell mobilization and changes in articular cartilage morphology following anterior cruciate ligament rupture. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 17-19, 2016

***Maerz T, Kurdziel MD, Newton MD, Altman P, Anderson K, Matthew H, et al, [Baker KC].** Subchondral and epiphyseal bone remodeling following anterior cruciate ligament rupture. American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL, March 5-8, 2016.

***Maerz T, Kurdziel MD, Newton MD, Altman P, Anderson K, Matthew H, et al, [Baker KC].** Stem cell mobilization and changes in articular cartilage morphology following anterior cruciate ligament rupture. American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL, March 5-8, 2016.

***Maerz T, Newton MD, *Davidson AA, Planalp M, Fischgrund JS, Baker KC.** Longitudinal characterization of vertebral body remodeling following puncture of the annulus fibrosus as a model of intervertebral disc degeneration. Lumbar Spine Research Society Annual Meeting, Chicago, IL, April 14-15, 2016.

Newton MD, Gawronski K, Baker KC, *Maerz T. Cartilage thickness and surface roughness patterns in healthy and osteoarthritis knees: 3D analysis of Osteoarthritis Initiative subjects using mesh parameterization. Orthopaedic Research Society Annual Meeting, Orlando, FL, March 4-8, 2016.

Orthopaedic Surgery

PATHOLOGY and LABORATORY MEDICINE

Peer-Reviewed Articles:

Boyanton BL Jr, Darnell EM, Prada AE, Hansz DM, **Robinson-Dunn B**. Evaluation of the lyra direct strep assay to detect group A streptococcus and group C and G beta-hemolytic streptococcus from pharyngeal specimens. *J Clin Microbiol*. 2016 Jan;54(1):175-7.

Boyanton BL Jr, Freij BJ, **Robinson-Dunn B**, Makin J, Runge JK, Luna RA. Neonatal *pasteurella multocida* subsp. *septica* meningitis traced to household cats: Molecular linkage analysis using repetitive-sequence-based PCR. *J Clin Microbiol*. 2016 Jan;54(1):230-2.

***Chang BN**, **Smith MP**. A case of unusual drug screening results. *Clinical Chemistry*, published online September 29, 2016.

David JA, **Huang JZ**. Diagnostic utility of flow cytometry analysis of reactive T cells in nodular lymphocyte-predominant Hodgkin lymphoma. *Am J Clin Pathol*. 2016 Jan;145(1):107-15.

Edupuganti S, Xie C, **Huang JZ**, **Chen X**, **Wey E**, **Xie M**. Clinicopathological features of primary bone marrow mature T and NK cell neoplasms. *J J Cancer Sci Res*. 2016; 2(7):046.

Gjeorgjievski M, Makki I, Khanal P, **Amin MB**, **Blenc AM**, Desai T, et al. Early, isolated duodenal mucosa-associated lymphoid tissue lymphoma presenting without symptoms or grossly apparent endoscopic lesions and diagnosed by random duodenal biopsies. *Case Rep Gastroenterol*. 2016 Jun 27;10(2):323-31.

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*, published online September 27, 2016.

Haberichter K, **Crisan D**, **Micale MA**. ALK-negative anaplastic large T-cell lymphoma with a complex karyotype and DUSP22 gene rearrangement. *CAP Today* 2016;30(9), 49-54.

Kermanshahi TR, Pai R. Mucinous and signet ring cell differentiation affect patterns of metastasis in colorectal carcinoma and influence survival. *Int J Surg Pathol*, published online August 29, 2016.

Micale MA, Embrey B IV, **Macknis JK**, Harper ED, Aughton DJ. Constitutional 560.49 kb chromosome 2p24.3 duplication including the MYCN gene identified by SNP chromosome microarray analysis in a child with multiple congenital anomalies and bilateral Wilm's tumor. *Eur J Med Genet*. 2016 Oct 26;59(12):618-23.

Millward PA, Ma A, Hay SN, Brecher ME, Bandarenko N. Management of Gardner-Diamond syndrome with therapeutic plasma exchange. *J Clin Apher*, published online August 17, 2016.

O'Meara C, Carpenter C, **Boyanton BL Jr**, Spurlin D. Cutaneous alternariosis in a patient with myelodysplastic syndrome: Successful treatment with topical silver chloride gel. *Infect Dis Clin Pract*. 2016 Mar 16;24(2):112-14.

Pathology and Laboratory Medicine

Peer-Reviewed Articles: continued

Park DS, Wong DJ, Ooi CC, Kurtz DM, Vermesh O, Aalipour A, et al, [**Schwartz EJ**]. Molecular profiling of single circulating tumor cells from lung cancer patients. Proc. Natl. Acad. Sci. 2016 Dec 27;113:E8379-E8386.

Smith MP, Bluth M. Common interferences in drug testing. Clin Lab Med. 2016 Dec;36(4):663-671.

Smith MP, Bluth M. Forensic toxicology: An introduction. Clin Lab Med. Dec;36(4):753-759.

Sun J, Shen R, Schrock M, **Liu J**,

Pathology and Laboratory Medicine

Book Chapter or Full Book Publications: continued

Kumar T, Sovoda R, Gibson J, Britton S, Shaw AJ, **Boyanton BL Jr**, et al, [**Huang JZ**, ***Chen N**]. Molecular methodologies and molecular pathology of hematolymphoid neoplasms. In: Cheng, L, Bostwick, DG, eds, Essentials of Anatomic Pathology. 4th ed. Springer, 2016.

Smith MD, Chandler WL. Fibrinolysis system physiology. An algorithmic approach to hemostasis testing. 2nd ed. Kandice Kottke-Marchant. Illinois: College of American Pathologists, 2016. 33-42.

Smith MD, Moser KA. Heparin induced thrombocytopenia. An algorithmic approach to hemostasis testing. 2nd ed. Kandice Kottke-Marchant. Illinois: College of American Pathologists, 2016. 317-326.

Sykes E, Posey Y

Pathology and Laboratory Medicine

Abstracts with Associated Research Presentations: continued

Gabbard A, Boyanton BL Jr, Huang J

Pathology and Laboratory Medicine

Abstracts with Associated Research Presentations: continued

Nguyen T, Zhang PL, Qu ZH. Expression of program death ligand 1 (PD-L1) is 11.1% of hepatocellular carcinoma cases. American Society of Clinical Pathology (ASCP) Annual Meeting, Las Vegas, NV, September 14-16, 2016.

Ogunleye F, Ibbrahim M, Blackenship L, Yadav S, **Micale MA**, Douglas V, et al. Analysis of genomic aberrations and its impact on survival in patients with chronic lymphocytic leukemia (CLL) at Beaumont Hospital Cancer Center. American Society of Hematology (ASH) Meeting on Hematologic Malignancies, Chicago, IL, September 16-17, 2016.

***Singh R, Chen C, Huang J, Smith MD.** Plasma cell myeloma: Impact of bone marrow erythropoiesis on prognostic markers. College of American Pathologists (CAP) Annual Meeting,

Pathology and Laboratory Medicine

Invited Research Presentations:

Skrzynski AK, *Russo V, **Boyanton BL Jr**, Band JD. An under-diagnosed cause of morbidity

PEDIATRIC SERVICES

Peer-Reviewed Articles:

Bangiyev JN, Govil N, Sheyn A, Hauper M, **Thottam PJ**. Novel application of steroid eluting stents in choanal atresia repair: A case series. Ann Otol Rhinol Laryngol, published online October 7, 2016.

Bhutani VK, Poland R, **Maisels MJ**. Clinical trials of tin mesoporphyrin to prevent neonatal hyperbilirubinemia. J Perinatology. 2016 Jul;36(7):537-9.

Boyanton BL Jr,

Pediatric Services

PHYSICAL MEDICINE AND REHABILITATION

Peer-Reviewed Articles:

Ysunza A, Diez-Urdanivia S, Perez-Gil SE. Capacitación-acción participativa: Una experiencia de 24 años en las comunidades rurales de Oaxaca, México. Glob Health Promot, published online June 8, 2016.

Ysunza A, Bloom D, Chaiyasate K, Rontal M, VanHullen R, Shaheen K, et al. Velopharyngeal videofluoroscopy: Providing useful information in the era of reduced radiation and safety. Int J Pediatr Otorhinolaryngol. 2016 Oct; 89:127-132.

Abstracts with Associated Research Presentations:

Ysunza A. Videofluoroscopy: Increasing compliance and decreasing risk while providing useful information. American Cleft Palate Association 73rd

RADIATION ONCOLOGY

Radiation Oncology

Peer-Reviewed Articles: continued

Dabjan MB, Buck CM, Jackson IL, Vujaskovic Z, ***Marples B**, Down JD. A survey of changing trends in modeling radiation lung injury in mice: Bringing out the good, the bad, and the uncertain. *Lab Invest*. 2016 Sep; 96(9):936-49.

Ding D, Starke RM, Kano H, Mathieu D, Huang P, Kondziolka D, et al, [**Grills IS**]. Radiosurgery for cerebral arteriovenous malformations in a randomized trial of unruptured brain arteriovenous malformations (ARUBA)-eligible patients: A multicenter study. *Stroke*. 2016 Feb;47(2):342-9.

Ding D, Starke RM, Kano H, Lee JY, Mathieu D, Pierce J, et al, [**Grills IS**]. Stereotactic radiosurgery for Spetzler-Martin grade III arteriovenous malformations: An international multicenter study. *J Neurosurg*, published online April 15, 2016.

Ding X, Li X, Zhang J, Kabolizadeh P, Stevens CW, Yan D. Spot-scanning proton arc (SPArc) therapy: The first robust and delivery-efficient spot-scanning proton arc therapy. *Int J Radiat Oncol Biol Phys*. 2016 Dec 1;96(5):1107-1116.

***Gang L, Hong Q, Xiaoqiang L, Stevens C, Yan D, Ding X**. Evaluation of single field uniform dose (SFUD) proton pencil beam scanning (PBS) planning strategy for lung mobile tumor using a digital phantom. *Int J Med Phys Clin Eng Rad Onc*. 2016;5:213-220.

Hashmi A, Guckenberger M, Kersh R, Gerszten PC, Mantel F, **Grills IS**, et al. Re-irradiation stereotactic body radiotherapy for spinal metastases: A multi-institutional outcome analysis. *J Neurosurg Spine*. 2016 Nov; 25(5):646-653.

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. *Molecular and Cellular Oncology*. 2016 Nov 8;4(1):e1253527.

Jawad M, Fahim D, Gerszten P, Flickinger J, Sahgal A, **Grills IS**, et al. Vertebral compression fractures after stereotactic body radiation therapy: A large, multi-institutional, multi-national evaluation. *J Neurosurg Spine*. 2016 Feb 19:1-9.

Jawad MS, Dilworth JT, Gustafson GS, Ye H, Wallace M, et al, [**Chen PY, Krauss DJ**]. Outcomes associated with 3 treatment schedules of high-dose-rate brachytherapy monotherapy for favorable-risk prostate cancer. *Int J Radiat Oncol Biol Phys*. 2016 Mar 15;94(4):657-66.

***Johnson M**, Avkshtol V, ***Baschnagel A**, ***Meyer K**, **Ye H**, et al, [**Grills IS, Chen PY, Maitz A, Krauss D**]. Surgical resection of brain metastases and the risk of leptomeningeal recurrence in patients treated with stereotactic radiosurgery. *Int J Radiat Oncol Biol Phys*. 2016 Mar 1; 94(3):537-543.

Johnson MD, Sura K, Mangona VS, Glick A, **Wallace M, Ye H, Grills IS**. Matched-pair analysis of high dose versus standard dose definitive chemoradiation for locally advanced non-small-cell lung cancer. *Clin Lung Cancer*, published online June 23, 2016.

Radiation Oncology

Peer-Reviewed Articles: continued

Joshi R, ***Johnson MD, Maitz A, Marvin KS**, Olson RE, **Grills IS**. Utility of graded prognostic assessment in evaluation of patients with brain stem metastases treated with radiosurgery. Clin Neurol Neurosurg. 2016 Aug;147: 30-3.

Kabolizadah P, Aghili M, Balakhanlou B. A time for optimism? The state of radiation oncology

Radiation Oncology

Radiation Oncology

Abstracts with Associated Research Presentations: continued

Dilworth JT, Zamdborg L, Blas K, Grills IS, Teahan M, Wallace M, et al, [Chen PY]. Left anterior descending artery avoidance for patients receiving breast irradiation. 58th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA, September 25-28, 2016.

Dilworth JT. LAD dose in treatment plans where only heart was contoured versus plans where heart and LAD were contoured. 58th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA, September 25-28, 2016.

Ding X, Li X, Dilworth JT, Guerrero TM, Kabolizadeh P. A novel gradient field matching technique using intensity modulated proton therapy for large left sided chest-wall patients. 58th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA, September 25-28, 2016.

Ding X, Zhang J, Guerrero TM, Dilworth JT, Kabolizadeh P. A novel vertebral body sparing craniospinal irradiation (VBS-CSI) planning technique using proton pencil beam scanning (PBS). Particle Therapy Co-Operative Group (PTCOG) 2016 Annual Meeting, Memphis, TN, October 23-26, 2016.

Ding X, Li X, Zhang J, Kabolizadeh P, Stevens CW, Yan D. Scanning proton arc therapy (SPArc) - the first robust and delivery-efficient spot scanning proton arc therapy. American Association of Physicists in Medicine (AAPM) Annual Meeting, Washington, DC, July 31-August 4, 2016.

Feng M, Matuszak M, Boike T, **Grills IS**, Kestin L, Movsas B, et al, **[Gustafson G]**. Predictors of heart dose from lung radiotherapy in a large consortium of community and academic practices (MROQC). 58th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA, September 25-28, 2016.

Hauck C. Lymph-vascular space invasion as a risk factor for local recurrence in endometrial adenocarcinoma stratified by surgical technique. 58th

Radiation Oncology

Radiation Oncology

Abstracts with Associated Research Presentations: continued

Sura K, Vu CC, Johnson D, Ye H, Stevens CW, Guerrero TM, et al, [Grills IS]. Intensity modulated radiation therapy (IMRT) utilization and practice patterns in the management of

Radiation Oncology

Abstracts with Associated Research Presentations: continued

Wallace M, Blas K, Ye H, Brown M, *Tonlaar N, Stone B, et al, [Gustafson G, Chen P, *Brabbins D, Krauss D]. High risk prostate cancer following definitive treatment with image-guided adaptive radiotherapy and high dose rate brachytherapy boost: A matched-pair comparison of clinical outcomes. American Brachytherapy Society (ABS) World Congress of Brachytherapy Convention, San Francisco, CA, June 23-30, 2016.

Wang WG, Yan D, Ye H, Gustafson G, Ghilezan M, Martinez A, Krauss D. Outcomes and toxicity from a prospective study of moderate hypofractionated radiotherapy for prostate cancer. 58th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA, September 25-28, 2016.

Wang WG, Sura K, Robertson JM, Krauss DJ, Chen PY, Grills IS. Outcomes and toxicity for treatment of adrenal metastases with radiation therapy. 58th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA, September 25-28, 2016.

Yan D, Chen S, Krauss D, Chen P, Zhu J, *Krueger SA, et al, [Wilson GD]. Selection of FDG PET based bio-parametric matrixes for tumor dose response mapping and adaptive dose painting by number. 58th Annual Meeting of the American Society for Radiation Oncology (ASTRO), Boston, MA, September 25-28, 2016. **Awarded: Best of Physics**

Ye H, Blas K, Yan D, *Brabbins D, Gustafson G, Marvin K, et al. [Wallace M, Krauss DJ]. A

Radiation Oncology

Abstracts with Associated Research Presentations: continued

Zhang J, Nguyen D, Woods K, Tran A, **Li X**, **Ding X**, et al, [**Kabolizadeh P**, **Guerrero TM**].
Treatment planning study of normal tissue sparing with robustness optimized IMPT, 4Pi IMRT,

Radiation Oncology

RESEARCH INSTITUTE

RESEARCH ADMINISTRATION

RESEARCH INSTITUTE

Research Administration

Peer-Reviewed Articles:

Bartley J, Killinger KA, **Boura JA**, *Gupta P, Gaines N, Gilleran JP, et al. The impact of prior back surgery on neuromodulation outcomes: A review of over 500 patients. Neurourol Urodynam, published online September 27, 2016.

Bartley JM, *Ramirez V, Killinger KA, **Boura JA**, *Gupta P, Gaines N, et al. Outcomes of sacral neuromodulation in patients with prior surgical treatment of stress urinary incontinence and pelvic organ prolapse. Female Pelvic Med and Recon Surg, published online September 15, 2016.

Faraj K, *Doo F, **Boura JA**, *Vereecke A, Chancellor MB. A cross-sectional study in the USA

Research Administration

Abstracts with Associated Research Presentations: continued

Batman AD, Menoch M, **Coffey MP,**

Research Administration

Abstracts with Associated Research Presentations: continued

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:

Janfaza M,

General Surgery

General Surgery

Abstracts with Associated Research Presentations: continued

Sevak S, *Woodfin A, Hothem Z, Callahan RE, Robbins J, Ziegler K. Gelatin paravertebral spine model: A practical design for training general surgery residents' basic skills in placement of a continuous infusion catheter. 9th Annual American College of Surgeons (ACS) AEI Consortium Meeting, Chicago IL, March 7-8, 2016.

Sevak S, *Woodfin A, Hothem Z, Callahan RE, Robbins J, Ziegler K. A novel educational module for placement of continuous intercostal nerve blockade for traumatic rib fractures. Oakland University-William Beaumont School of Medicine William Davidson Medical Education Week, Beaumont Health, Royal Oak, MI, May 18, 2016. **Awarded: 1st Place in the Best Poster.**

Somerset A, Sevak S, *Woodfin A, Hothem Z, Callahan RE, Robbins J, et al, [Ziegler K]. Solid, cystic and tubular: A compact gelatin-training model for teaching basic skills in ultrasound-guided procedures. 46th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, May 24, 2016. **Awarded: 1st place, Medical Education Research.** Annual Southeast Michigan Center for Medical Education (SEMCME) Research Forum, Oakland University, Rochester, MI, May 25, 2016. Michigan Association for Medical Education (MAME) Michigan Summit on Quality Improvement & Patient Safety, Troy, Michigan, June 3, 2016.

Invited Research Presentations:

Sevak S, Hothem Z, *Woodfin A, Callahan RE, Robbins J, Ziegler K. A novel educational module for placement of continuous intercostal nerve blockade for traumatic rib fractures. Detroit Surgical Association, Detroit, MI, March 28, 2016.

Multi-Organ Transplantation

Abstracts with Associated Research Presentations: continued

Tantisattamo E, Chokechanachaisakul A, Pitukweerakul S, Ratanasrimetha P. Acute kidney injury: Not just an acute rejection in kidney transplantation. National Kidney Foundation (NKF) Spring Clinical Meetings (SCM), Boston, MA, April 27-May 1, 2016.

Tantisattamo E, Chokechanachaisakul A, Traitanon O, Shetty AA, Ho BT, Friedewald JJ, et al. Acute hyponatremia: A predicting outcome in immediate post lung transplantation. National Kidney Foundation (NKF) Spring Clinical Meetings (SCM), Boston, MA, April 27-May 1, 2016.

Tantisattamo E, Chokechanachaisakul A, Pitukweerakul S, Ratanasrimetha P, Shetty AA, Traitanon O, et al. Is renal artery angioplasty and/or stenting a potential treatment for resistant hypertension in transplant renal artery stenosis? National Kidney Foundation (NKF) Spring Clinical Meetings (SCM), Boston, MA, April 27-May 1, 2016.

Tantisattamo E, Chokechanachaisakul A, Pitukweerakul S, Ratanasrimetha P. High dietary salt intake: An overlooked cause of posterior reversible encephalopathy syndrome in kidney transplant recipient with salt-sensitive hypertension. American Society of Hypertension (ASH) Meeting, New York, NY, May 14, 2016.

Tantisattamo E, Chokechanachaisakul A, Pitukweerakul S, Ratanasrimetha P. Aldosterone agonists: Limited utility for calcineurin inhibitor-induced hyperkalemia in hypertensive kidney transplant recipient. American Society of Hypertension (ASH) Meeting, New York, NY, May 14, 2016.

Tantisattamo E, Chokechanachaisakul A, Pitukweerakul S, Ratanasrimetha P, ***Shrivastava P**, **Samarapungavan D**, et al. Hypertensive emergency in kidney transplant recipient with autosomal dominant polycystic kidney disease. American Society of Hypertension (ASH) Meeting, New York, NY, May 14, 2016.

Tantisattamo E, Chokechanachaisakul A, Pitukweerakul S, Ratanasrimetha P, Shetty AA, Traitanon O, et al. Improved short term blood pressure control after renal artery angioplasty and/or stenting in transplant renal artery stenosis. American Society of Hypertension (ASH) Meeting, New York, NY, May 14, 2016.

Tantisattamo E, Chokechanachaisakul A, Traitanon O, Shetty AA, Ho BT, Friedewald JJ, et al. Hyponatremia in early post lung transplantation predicts patient and hospital outcomes. American Transplantation Congress (ATC), Boston, MA, June 12, 2016.

Tantisattamo E, Chokechanachaisakul A, Pitukweerakul S, Ratanasrimetha P, Shetty AA, Traitanon O, et al. Renal artery angioplasty and/or stenting in transplant renal artery stenosis: A seven year experience from a single kidney transplant center. The American Society of Transplantation (AST) Cutting Edge of Transplantation (CEOT) Meeting, Phoenix, AZ, February 19-21, 2016.

Tantisattamo E, Chokechanachaisakul A, Pitukweerakul S, Ratanasrimetha P, Shetty AA, Traitanon O, et al. Renal allograft outcomes with renal artery angioplasty and/or stenting in transplant renal artery stenosis. American Transplantation Congress (ATC), Boston, Massachusetts, June 12, 2016.

Multi-Organ Transplantation

Abstracts with Associated Research Presentations: continued

Tantisattamo E, Chokechanachaisakul A, Pitukweerakul A, Ratanasrimetha P, Shetty AA, Traitanon O, et al. Transplant outcomes of transplant renal artery stenosis after renal artery angioplasty and/or stenting. European Renal Association, 53rd Congress European Dialysis and Transplant Association (ERA-EDTA), Vienna, Austria, May 21-24, 2016.

Tantisattamo E, Sukhumthammarat W, Putthapiban P, Vutthikraivit W, Pitukweerakul S. Improved post-transplant hypertension from non-hypertensive kidneys: An experience from mate kidney analyses. 26th International Society of Hypertension Meeting, Seoul, Korea, September 24-29, 2016.

Tantisattamo E, Sukhumthammarat W, Putthapiban P, Vutthikraivit W, Pitukweerakul S. Improvement in post-transplant hypertension in living donor renal transplantation. 6th Annual Meeting of the North American Artery (NAA) Society, Chicago, IL, September 8-10, 2016.

Tantisattamo E, Sukhumthammarat W, Putthapiban P, Vutthikraivit W, Pitukweerakul S. Improvement in post-transplant hypertension in living donor renal transplantation: Rebound weight gain and blood pressure control after living kidney donation and kidney transplantation. 6th Annual Meeting of the North American Artery (NAA) Society Meeting, Chicago, IL, September 8-10, 2016.

Tantisattamo E, Shetty AA, Gallon L. Renal artery angioplasty improves short-term blood pressure and renal allograft function in transplant renal artery stenosis. American Society of Nephrology (ASN) Annual Meeting, Chicago, IL, November 17, 2016.

Tantisattamo E, Sukhumthammarat W, Putthapiban P, Vutthikraivit W. Post-transplant hypertension: A potential role of genetic kidney disease. American Society of Nephrology (ASN) Annual Meeting, Chicago, IL, November 17, 2016.

Tantisattamo E, Vutthikraivit W, Sukhumthammarat W, Putthapiban P. Kidney transplantation from non-hypertensive unrelated donor: Correction of post-transplant hypertension. American Heart Association (AHA) Annual Meeting, New Orleans, LA, November 12-16, 2016.

Multi-Organ Transplantation

Non Peer-Reviewed Publications: continued

OTOLARYNGOLOGY

Peer-Reviewed Articles:

Hong RJ, Metz CM,

Otolaryngology

Invited Research Presentations: continued

Evans M, Sugihara E, **Babu S**. The effect of ITS injection frequency on sudden hearing loss. American Academy of Otolaryngology-Head and Neck Surgery, San Diego, CA. September 18-21, 2016.

McNulty B, **Babu SC, LaRouere MJ, Bojrab DI**. Middle cranial fossa encephaloceles: Outcomes and approaches. North American Skull Base Society Meeting, Scottsdale, AZ, February 12-14, 2016.

Metrailler A, **Babu SC, LaRouere MJ, Bojrab DI**. Quality of life in 2 stage acoustic neuroma approaches. North American Skull Base Society Meeting, Scottsdale, AZ, February 12-14, 2016.

Sargent E, Liao E, Gonda R. Cochlear patency after transmastoid labyrinthectomy for Ménière's Syndrome. Combined Otolaryngology Society Meetings (COSM), Chicago IL, May 18-22, 2016.

PEDIATRIC SURGERY

Peer-Reviewed Articles:

Al-Hadidi A, Azmath M, Morden R. Thyroglossal duct papillary carcinoma with squamous metaplasia in a 12-year-old female and review of the literature. J Ped Surg Case Reports, published online September 15, 2016.

Davis J, **Novotny NM**, Macknis J, Alpay-Savasan Z, Goncalves LF. Diagnosis of neonatal neuroblastoma with postmortem magnetic resonance imaging. Rad Case Reports, published online December 7, 2016.

Veenstra M, Koffron A. Minimally invasive liver resection in pediatric patients: Initial experience and outcomes. HPB (Oxford). 2016 Jun;18(6):51822.

Abstracts with Associated Research Presentations:

Johnson N, Sevak S, Akay B, Bloom DA. Anomalous pancreatic ductal system causing a delayed diagnosis of duodenal atresia. Michigan Chapter American College of Surgeons 63rd Annual Meeting and 65th Annual Surgeon's Competition, Mackinac Island, MI, May 18-20, 2016.
46th

PLASTIC SURGERY

Peer-Reviewed Articles:

Ysunza A, Bloom D, **Chaiyasate K**, Rontal M, VanHullen R, Shaheen K, et al. Velopharyngeal

VASCULAR SURGERY

Peer-Reviewed Articles:

Bannazadeh M, Adeyemo A, *Munoz Y, Jenkins C, Altshuler J, Sakwa M, et al, [Brown OW]. Aneurysmal degeneration in patients with type B aortic dissection. Ann Vasc Surg. 2016 Oct;36:121-126.

Catanescu I, **Long G, Bove P, Khoury M, Brown OW, Rimar S,**

Vascular Surgery

UROLOGY

Peer-Reviewed Articles:

Auffenberg GB, Linsell S, Shir A, Myers SN, **Rosenberg B**, Miller DC. Comparison of pathological outcomes for men with low risk prostate cancer from diverse practice settings: Similar results from immediate prostatectomy or initial surveillance with delayed prostatectomy. Michigan Urological Surgery Improvement Collaborative (MUSIC). J Urol 2016. Nov;196(5):1415-1421.

Bartley J, Killinger KA, Boura JA, ***Gupta P, Gaines N, Gilleran JP**, et al, [**Peters KM**]. The impact of prior back surgery on neuromodulation outcomes: A review of over 500 patients. Neurourol Urodynam, published online September 27, 2016.

Bartley JM, *Ramirez V, Killinger KA, Boura JA, ***Gupta P, Gaines N**, et al, [**Gilleran JP, Peters KM**]. Outcomes of sacral neuromodulation in patients with prior surgical treatment of stress urinary incontinence and pelvic organ prolapse. Female Pelvic Med and Recon Surg, published online September 15, 2016.

Chai TC, Moalli PA, Richter HE, Lake AG, Kim HY, Nager CW, et al, [**Sirls LT**]. Preoperative urodynamic parameters (Valsalva leak point pressure and maximum urethral closure pressure), urinary collagen and plasma vitamin D levels as predictors of mid urethral sling surgery outcome. J Urol. 2016 Sep;196(3):819-23.

Chancellor MB, Yehoshua A, Waweru C, Globe D, Cheng IN, Campbell KL, et al. Limitations of anticholinergic cycling in patients with overactive bladder (OAB) with urinary incontinence (UI):

Int Urol Nephrol. 2016;48:1029-1036.

Chartier-Kastler E, Rovner E, Hepp Z, Khalaf K, Ni Q, **Chancellor MB**. Patient-reported goal achievement following Onabotulinumtoxin A treatment in patients with neurogenic detrusor

Chehab M, Friedlander JA, Handel J, Vartanian S, Krishnan A, Wong CY, et al, [**Korman H, Seifman B**]. Percutaneous cryoablation vs partial nephrectomy: Cost comparison of T1a tumors. J Endourol. 2016 Feb;30(2):170-6.

Chermansky CJ, **Chancellor MB**. Use of botulinum toxin in urologic diseases. Urology. 2016 May; 91:21-32.

Chin JL, Billia M, **Relle J**, Roethke MC, Popeneciu IV, Kuru TH, et al, [**Hafron J**]. Magnetic

Urology

Peer-Reviewed Articles: continued

Elgin R, Pacha T, Di Loreto R, **George V**. Office based photovaporization of the prostate for benign prostatic hyperplasia: Outcomes and patient satisfaction. Urology Practice. 2016;3:70-75.

Faraj K, *Doo F, Boura J, ***Vereecke A, Chancellor MB**. A cross-sectional study in the USA of the epidemiology and quality of life of underactive bladder symptoms. Int Urol Nephrol. 2016 Nov;48(11):1797-1802.

Gaines N, *Gupta P, Sirls LT. Pelvic prolapse repair in the era of mesh. Curr Urol Rep. 2016 Mar;17(3):20.

Gillera JP. Sacral neuromodulation: Strong enough for a man, but made for a woman? AUacr-um 12 Tf

Urology

Peer-Reviewed Articles: continued

Lamb LE, Bartolone SN, Kutluay SB, Robledo D, Porras A, Plata M, **Chancellor MB.** Advantage of urine based molecular diagnosis of Zika virus. Int Urol Nephrol. 2016 Dec; 48(12):1961-6.

Lamb LE, Bartolone SN, Kutluay SB, Robledo D, Porras A, Plata M, et al, [**Chancellor MB**]. Reply to the letter: Urine based molecular diagnosis of Zika virus by Viroj Wiwanitkit. Int Urol Nephrol. 2016 Dec;48(12):2025.

Luckenbaugh AN, Auffenberg GB, Hawken SR, Dhir A, Linsell S, **Kaul S,** et al. Variation in guideline concordant active surveillance followup in diverse urology practices J Urol, published online September 20, 2016.

Myers SN, Ghani KR, Lane BR, **Schervish EW,** Gao Y, et al. Notable outcomes and trackable events after surgery: Evaluating an uncomplicated recovery after radical prostatectomy. J Urol. 2016 Aug;196(2):399-404.

***Nault R, *Gupta P, *Ehlert M, *Dove-Medows E,** Seltzer M,

Urology

Peer-Reviewed Articles: continued

Tinawi-Aljundi R, Knuth ST, Gildea M, Khal J, **Hafron J, Kernan K**, et al. Minimally invasive prostate cancer detection test using FISH probes. *Res Rep Urol*. 2016 July;8:105-111.

Tomakowsky J, Carty JN, Lumley MA, Peters KM. The role of social constraints and catastrophizing in pelvic and urogenital pain. *Int Urogyn J*. 2016 July;27:1157-1162.

Tyagi P, Kashyap M, Yoshimura N, **Chancellor MB**, Chermansky CJ. Past, present and future of chemodenervation with botulinum toxin in the treatment of overactive bladder. *J Urol*, published online November 18, 2016.

Tyagi P, Tyagi V, Qu X, Chuang YC, Kuo HC, **Chancellor MB**. Elevated CXC chemokines in urine noninvasively discriminate OAB from UTI. *Am J Physiol Renal Physiol*. 2016 Sep 1; 311(3):F548-54.

Visco AG, Brubaker L, Jelovsek JE, Wilson TS, Norton P, Zyczynski HM, et al, [**Sirls LT**]. Adherence to oral therapy for urgency urinary incontinence: Results from the anticholinergic versus botox comparison (ABC) trial. *Female Pelvic Med Reconstr Surg*. 2016 Jan-Feb;22(1):24-8.

Zwaans BMM, Nicolai HE, Chancellor MB, Lamb LE. Challenges and opportunities in radiation-induced hemorrhagic cystitis. *Rev Urol*. 2016;18(2):57-65.

Zwaans BMM, Krueger S, Bartolone SN, Chancellor MB, *Marples B, Lamb LE. Modeling of chronic radiation-induced cystitis in mice. *Adv Radiat Oncol*. 2016 Oct-Dec;1(4):333-343.

Book Chapters or Full Book Publications:

Edwards L, **Hafron J**. Kidney cancer. In: **Lajiness MJ**, Quallich SA, editors. *The nurse practitioner in urology*. [Cham], Switzerland: Springer; 2016. p. 333-345.

Gaines N, Lavin JE, Gilleran JP. Stress incontinence. In: **Lajiness MJ**, Quallich SA, editors. *The nurse practitioner in urology*. [Cham], Switzerland: Springer; 2016. p. 237-249.

Jones P, **Hafron J**. Diagnosis and management of localized prostate cancer. In: **Lajiness MJ**, Quallich SA, editors. *The nurse practitioner in urology*. [Cham], Switzerland: Springer; 2016. p. 295-308.

Khourdaji I, Burks FN. Erectile dysfunction in diabetes, obesity and the metabolic syndrome. In: Martins F, editor. *International book of erectile dysfunction*. New York: Nova Publishing; 2016. p. 361-382.

Khourdaji I, Foley BA, Fabick SD, Burns FN. Psychotherapy for erectile dysfunction. In: Martins F, editor. *International book of erectile dysfunction*. New York: Nova Publishing; 2016. p. 287-298.

Urology

Book Chapters or Full Book Publications: continued

Kim DK, **Chancellor MB**. Pathophysiology of detrusor underactivity/acontractile detrusor. In: Corcos J, Ginsberg D, Karsenty G, editors. Textbook of the neurogenic bladder. 3rd ed. New York: CRC Press; 2016. p. 109-124.

Lajiness MJ. Neurogenic bladder. In: **Lajiness MJ**, Quallich SA, editors. The nurse practitioner in urology. [Cham], Switzerland: Springer; 2016. p. 217-235.

Lajiness MJ, Quallich SA, editors. The nurse practitioner in urology. [Cham]. Switzerland: Springer; 2016.

Lajiness, MJ, Quallich, SA. Hematuria. In: **Lajiness, MJ**, Quallich, SA, editors. The nurse practitioner in urology. [Cham], Switzerland: Springer; 2016. p. 127-134.

Leu PB, **Diokno AC**. Epidemiology of the neurogenic bladder. In: Corcos J, Ginsberg K, Karsenty G, editors. Textbook of the neurogenic bladder. 3rd ed. New York: CRC Press; 2016. p. 75-87.

Quallich SA, Bumpus SM, **Lajiness MJ**. Competencies for the nurse practitioner working with adult urology patients. In: **Lajiness MJ**, Quallich SA, editors. The nurse practitioner in urology. [Cham], Switzerland: Springer; 2016. p. 395-411.

Yoshimura N, Jeong JY, Kim DK, **Chancellor MB**. Integrated physiology of the lower urinary tract. In: Corcos J, Ginsberg D, Karsenty G, editors. Textbook of the neurogenic bladder. 3rd ed. New York: CRC Press; 2016. p. 33-48

Abstracts with Associated Research Presentations:

Auffenberg GB, Luckenbaugh AN, Hawken SR, Dhir A, Linsell S, **Kaul S**, et al. Analysis of active surveillance follow-up: How closely are patients monitored over time? American Urological Association (AUA) Annual Meeting, San Diego, CA, May 6-10, 2016.

Bartley J, *Gupta P, Killinger KA, Gilleran J, Gaines N, *Wolfert C, et al, [**Peters KM**]. Incidence of neuromodulation device explant for magnetic resonance imaging in a single, high volume institution. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction, National Meeting (SUFU), New Orleans, LA, February 23-27, 2016.

Bowlus J, Cooney M, Schonhoff A, Shea E, *VanRysseghem C, *Wolfert C, et al, [**Hasenau D, Killinger K**]. Nurses' perspectives of transitioning from inpatient nursing to the research nurse role. Beaumont Health 2016 Nurses Week, Royal Oak, MI, May 9-13, 2016.

Chancellor MB. Adult stem cell and underactive bladder. Geriatric Urologic Society meeting at the American Urological Association (AUA) Annual Meeting, San Diego, CA, May 6-10, 2016.

Chancellor MB. Urodynamics/lower urinary tract dysfunction/female pelvic medicine: Non-neurogenic voiding dysfunction II. American Urological Association (AUA) Annual Meeting, San Diego, CA, May 6-10, 2016.

Urology

Abstracts with Associated Research Presentations: continued

**Carty JN, Lumley MA, Holmes HJ, Tomakowsky J, Schubiner H, *Dove-Medows E, et al,
[Peters KM**

Urology

Abstracts with Associated Research Presentations: continued

Gaines N, Han E, *Gupta P, Farrah M, Killinger KA, Boura JA, et al, [Bartley J, Gilleran J, Sirls LT, Peters KM]. Pelvic floor muscle injections for hypertonicity in women. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, New Orleans, LA, February 23-27, 2016.

Gaines N, *Gupta P, Hu JC, Killinger KA, Boura JA, Bartley J, et al, [Gilleran J, Peters KM]. Does upper medial placement of a sacral lead affect neuromodulation outcomes? A radiologic study. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, New Orleans, LA, February 23-27, 2016. American Urological Association (AUA) Annual Meeting, San Diego, CA, May 6-10, 2016.

Gaines N. Radiographic misdiagnoses after periurethral bulking agents. 46th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, May 24, 2016.
Awarded: 2nd Place.

Gaines N, *Gupta P, *Ehlert M, Gilleran J, Fischer MC, Nagaraju P, et al, [Killinger KA, Bartley J]. Short-term risk of mesh exposure with concomitant versus prior hysterectomy after robotic-assisted laparoscopic sacrocolpopexy. American Urogynecological Society (AUGS) Annual Meeting, Denver, CO, September 27-October 1, 2016.

Gilleran J, *Gupta P, Bartley J, Fischer M, Gaines N, Sirls LT. The rate of de novo stress urinary incontinence in a large cohort after robotic assisted prolapse repair. International Continence Society (ICS) Meeting, Tokyo, Japan, September 13-16, 2016.

Gruner M, Killinger KA, Jankowski M, Peters KM. Additional treatments, satisfaction, and quality of life in women after transvaginal and abdominal pelvic organ prolapse repair. North Central Section of the American Urological Society, Chicago, IL, September 7-10, 2016.

***Gupta P, Gaines N, Bartley J, *Ehlert M, Gilleran J, Fischer M, et al, [Killinger KA, Sirls LT].** Stress urinary incontinence after robotic assisted prolapse repair. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, New Orleans, LA, February 23-27, 2016.

***Gupta P, Gaines N, Killinger KA, Boura JA, Sirls LT.** Sexual function in patients undergoing posterior compartment repair compared to those undergoing anterior or apical rep50.39 298.8 T Tf

Urology

Urology

Invited Research Presentations: continued

Peters KM. Sacral neuromodulation for non-obstructive urine retention. King Abdulaziz University, Jeddah, Saudi Arabia, November 18-20, 2016.

Peters KM.

BEAUMONT HOSPITAL
Farmington Hills

ANESTHESIOLOGY AND PERIOPERATIVE MEDICINE

Peer-Reviewed Articles:

Berris JR. Cardiovascular implantable electronic device service as an anesthesia service. *Anesthesiology* 2016. May 1;124(5):1194-1195.

RADIOLOGY

Peer-Reviewed Articles:

Boyd SK, Cameron-Morrison JD, Hobson J, Saenz R. CT imaging of large bowel wall thickening. J Am Osteopath Coll Radiol. 2016;5(2):14-22.

Luu N, McKnight T. JAOCR at the viewbox, acute cholecystitis. J Am Osteopath Coll Radiol. 2016; 5(2):30.

Puthoff G, Saenz R. JAOCR at the viewbox, ovarian vein thrombosis. J Am Osteopath Coll Radiol. 2016;5(2):31.

Ries S, Giese J, Kreuer S. Cystic pancreatic masses. J Am Osteopath Coll Radiol. 2016;5(2):23-25.

Sheeler C, Similuk J, Kamienecki K. Unilateral renal enlargement. J Am Osteopath Coll Radiol. 2016;5(2):26-28.

Book Chapter or Full Book Publications:

Saenz R. CT for the non-radiologist: The essential CT study guide. 2nd ed. Corpus Christi, TX: BMED Press, 2016.

Abstracts with Associated Research Presentations:

Giese J, McKnight T. Getting to the root of the matter: MRI accuracy in diagnosing meniscal root tears in the community setting: Correlation with arthroscopic findings. American Osteopathic College of Radiology Conference, Austin, TX, April 18-22, 2016.

Luu N, Mizzi A. A correlation between dense breasts and higher breast cancer stages. American Osteopathic College of Radiology Conference, Austin, TX, April 18-22, 2016.

Similuk J, Kamienecki K. Correlating ultrasound characteristics of thyroid nodules with malignant pathology at a suburban, community based hospital: A retrospective review with pathologic correlation. American Osteopathic College of Radiology Conference, Austin, TX, April 18-22, 2016.

Invited Research Presentations:

McKnight T. Pancreatitis: An update. American Osteopathic College of Radiology Conference, Austin, TX, April 18-22, 2016.

McKnight T. Pancreatic cancer. American Osteopathic College of Radiology Conference, Austin, TX, April 18-22, 2016.

Saenz R. Abdominal trauma. American Osteopathic College of Radiology Conference, Nashville, TN, September 15-18, 2016.

Radiology

Invited Research Presentations: continued

Saenz R. Non-emergent abdominal emergencies. American Osteopathic College of Radiology Conference, Nashville, TN, September 15-18, 2016.

Saenz R. Body trauma update. American Osteopathic College of Radiology Conference, Nashville, TN, September 15-18, 2016.

BEAUMONT HOSPITAL
Dearborn, Taylor, Trenton, Wayne

CARDIOVASCULAR DISEASE

Peer-Reviewed Articles:

Butrous H, Hummel SL. Heart failure in older adults. Can J Cardiol. 2016 Sep; 32(9):1140-7.

DIAGNOSTIC RADIOLOGY

Peer-Reviewed Articles:

Disharoon M. Atrial septal aneurysm without patent foramen ovale. American College of Radiology Case in Point, published online April 18, 2016.

Disharoon M, Lee DH. JAOCR at the viewbox: Pancreatic divisum. J Am Osteopath Coll Radiol. 2016;5(2):29-29.

EMERGENCY MEDICINE

Peer-Reviewed Articles:

McClelland ML, Weekes CV, **Bazzi H**, Warwinsky J, Abouarabi W, Snell F, et al. Perception of obesity in African-American and Arab-American minority groups. J Racial Ethn Health Disparities. 2016 Mar;3(1):160-7.

DERMATOLOGY

Peer-Reviewed Articles:

Brothers RP, **Daveluy SD**. Squamous cell carcinoma mimicking fungal infection. ID Cases. 2016 Sept 28;6:72-73.

Grob A, Feser C, Grekin S. Muir-Torre Syndrome: A case associated with an infrequent gene

INFECTIOUS DISEASES

Peer-Reviewed Articles:

Chopra T, Awali RA, Biedron C, Vallin E, Bheemreddy S, Saddler CM, et al, [Thyagarajan R]. Predictors of Clostridium difficile infection-related mortality among older adults. Am J Infect Control. 2016 Nov 1;44(11):1219-23.

PALLIATIVE CARE

Abstracts with Associated Research Presentations:

Westphal C. Achy breaky heart: Palliative and hospice care in advanced cardiac disease. Journal of Pain and Symptom Management. 2016;51(2), 312-312.

NURSING

Peer-Reviewed Articles:

Swartwout E, Drenkard K, McGuinn K, **Grant S**, El-Zein A. Patient and family engagement summit: Needed changes in clinical practice. J Nurs Adm. 2016 Mar;46(3 Suppl):S11-18.

Vermeesch A, Barber H, Howard L, **Payne K**, Sackash C. Road less traveled: Stresses and Coping strategies of nursing students. Nurse Educ. 2016 May-Jun;41(3):11.

OPHTHALMOLOGY

Peer-Reviewed Articles:

Yonekawa Y, **Hypes SM**, Abbey AM, Williams GA, Wolfe JD. Exacerbation of macular oedema associated with hyperbaric oxygen therapy. Clin Exp Ophthalmol. 2016 Sep;44(7): 625-26.

PHYSICAL MEDICINE AND REHABILITATION

Peer-Reviewed Articles:

Boji BM, Ho J. Cerebral infarction secondary to cement embolism through a patent foramen ovale after percutaneous kyphoplasty: A case report. PM R. 2016 Sept;8(9s):S193.

Meythaler JM, Peduzzi JD. Baclofen solution for low-volume therapeutic delivery.

PSYCHIATRY

Peer-Reviewed Articles:

Smith D, **Smith R**, Misquitta D. Neuroimaging and violence. Psychiatr Clin North Am. 2016 Dec;39(4):579-97.

RADIATION ONCOLOGY

Peer-Reviewed Articles:

Evans JR, **Zhao SG**, Chang SL, Tomlins SA, Erho N, Sboner A, et al. Patient-level DNA

SUBSPECIALTY DIVISIONS OF SURGICAL SERVICES

GENERAL SURGERY

ORTHOPAEDIC SURGERY

PODIATRIC SURGERY

GENERAL SURGERY

Peer-Reviewed Articles:

Varban OA, Cassidy RB, Sheetz KH, Cain-Nielsen A, Carlin AM, Schram JL, et al, [**Bacal D**]. Technique or technology? Evaluating leaks after gastric bypass. Surg Obes Relat Dis. 2016 Feb;12(2):264-72.

Wang K, Zhou X, **Quach G**, Lu J, Gao W, Xu A, Zhu J. Effect of sleeve gastrectomy plus side-to-side jejunioileal anastomosis for type 2 diabetes control in an obese rat model. Obes Surg. 2016 Apr; 26(4):797-804.

ORTHOPAEDIC SURGERY

Peer-Reviewed Articles:

Needleman RL. Use of cannulated instruments to localize the portals in anterior ankle arthroscopy: A technique tip. J Foot Ankle Surg. 2016 May-Jun;55(3):659-663.

Sabesan VJ, Lombardo D, Josserand D, Buzas D, Jelsema T, Petersen-Fitts GR, et al. The effect of deltoid lengthening on functional outcome for reverse shoulder arthroplasty. Musculoskelet Surg. 2016 Aug;100(2):127-32.

Sabesan VJ, Lombardo DJ, Shahriar R, Petersen-Fitts GR, Wiater JM. The effect of glenosphere size on functional outcome for reverse shoulder arthroplasty. Musculoskelet Surg. 2016 Aug;100(2):115-20.

PODIATRIC SURGERY

Peer-Reviewed Articles:

Andrews, BJ, Fallat LM, Kish JP. Screw versus plate fixation for Chevron osteotomy: A retrospective study. J Foot Ankle Surg. 2016 Jan-Feb;55(1):81-4.

Bawa V, Fallat LM, Kish JP. Surgical outcomes for resection of the dorsal exostosis of the metatarsocuneiform joints. J Foot Ankle Surg. 2016 May-Jun;55(3):496-9.

Bingham AL, **Fallat LM.** Empty toe phenomenon: A rare presentation of closed degloving injury of the foot. J Foot Ankle Surg. 2016 Jul-Aug;55(4):842-9.

Krzywosinski T B, Bingham AL, **Fallat LM.** Intraneural lipoma of the tibial nerve: A case report. J Foot Ankle Surg, published online August 21, 2016.