

Research Institute

Report of Accomplishments



2015

Beaumont
HEALTH

Report of Accomplishments Beaumont Health System 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.

As Beaumont Health moves forward 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 1,065 trials with over 9,699 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 – 2015

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 is a major teaching facility, with 41 accredited residency and fellowship programs involving 407 residents and 59 fellows, and 173 research staff, including 52 research nurses.

Funding

2016 Research Institute Operations \$37.3M

External Sources of Research Funding

(2015 data)

- Commercial sponsors 29 %
- Federal sponsors 25 %
- Philanthropic sponsors 13 %
- Intellectual Property 33 %

Types of Research at Beaumont Health

(2015 percentage of revenue)

- Clinical Research 54 %
- Pre-clinical Research 46 %

External Research Funding by Service Line

(2015 data)

- Cardiology 7 %
- Emergency 5 %
- Hematology/Oncology 8 %
- Infectious Disease 4 %
- Orthopedics Bench 1 %
- Radiation Oncology 28 %
- Surgical Clinical Trials & Lab 4 %
- Urology 16 %
- Other (Various) 27 %

Clinical Studies/Investigators/Research Participants

- 1,065 Clinical studies
- 414 Interventional studies
- 651 Non-interventional studies
- More than 400 active principal investigators
- 9,699 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 regarding initiating research
- RCR training
- Residents' and Fellows' Research Forum
- Seminar series and workshops
- Tuition reimbursement for clinical research certification exams

Support Staff Available

- Accounting / Contracting / Administrative
- Biostatisticians
- Commercialization Center
- Compliance Office
- Database Development
- Grant Development
- Human Resources
- Institutional Animal Care and Use Committee (IACUC)
- Institutional Biosafety Committee
- Institutional Review Board (IRB)
- 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
- PET-CT and Biotracer

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Note: * Indicates the author(s) was not Beaumont staff at the time of publication, or was a Beaumont employee at the time of the publication but has since left Beaumont.

BEAUMONT HOSPITAL
Royal Oak, Troy, Grosse Pointe

ANESTHESIOLOGY AND PERIOPERATIVE MEDICINE

Peer-Reviewed Articles:

Soto R, Yaldou B. The Michigan Opioid Safety Score (MOSS): A patient safety and nurse empowerment tool. J Perianesth Nurs. 2015 Jun;30(3):196-200.

Invited Research Presentations:

Asmus MJ, Mulhem E, **Hillenberg JB**, Donevan S, Krichbaum D, Whipple S, et al. Prevalence of self-reported chronic pain in primary care. Annual Meeting of the American Academy of Pain Management, Washington, DC, September 17-20, 2015.

Coyne K, Brooke C, Donevan S, Asmus M, Krichbaum D, Cappelleri J, et al, [**Hillenberg JB**]. Psychometric validation of the electronic pain questions in a primary care setting. Annual Meeting of the American Academy of Pain Management, Las Vegas, NV, September 6-10, 2015.

Whipple S, Sadosky A, Brodsky M, Mardekian J, Asmus MJ, Donevan S, et al, [**Hillenberg JB**]. Differentiating chronic pain types. Annual Meeting of the American Academy of Pain Management, Las Vegas, NV, September 6-10, 2015.

BIOBANK

Peer-Reviewed Articles:

Ahmed S, Shaffer A, **Geddes TJ**, Studzinski D, Mitton K, **Pruetz BL**, et al. Evaluation of optimal RNA extraction method from human carotid atherosclerotic plaque. *Cardiovasc Pathol*. 2015 May-Jun;24(3):187-90.

Baschnagel AM, Wobb JL, Dilworth JT, Williams L, Eskandari M, Wu D, et al, [**Pruetz BL**, **Wilson GD**]. The association of ¹⁸F-FDG PET and glucose metabolism biomarkers GLUT1 and HK2 in p16 position and negative head and neck squamous cell carcinomas. *Radiotherapy and Oncology*. 2015 Oct;117(1):118-24.

Baschnagel AM, Galoforo S, **Thibodeau BJ**, **Ahmed S**, Nirmal S, ***Akervall JA**, et al, [**Wilson GD**]. Crizotinib fails to enhance the effect of radiation in head and neck squamous cell carcinoma xenografts. *Anticancer Research*. 2015 Nov;35(11):5973-5982.

Campos AH, Schreeder M, Parry-Jones A, Abdelhafiz AS, ***Larson DM**, **Pruetz BL**, et al, [**Geddes TJ**]. Addressing the challenge of financial sustainability in biobanking. *Biopreservation and BioBanking*. 2015 Dec;13(6):387-95.

Geddes TJ, ***Ketelsen BE**, **Ahmed S**, **Pruetz BL**, **Fortier LE**. Utilizing in-house resources to correct sample mix-ups in a medium throughput biorepository: A case study. *Biopreservation and Biobanking*, published online December 21, 2015.

***Marples B**, **McGee M**, **Callan S**, **Bowen SE**, **Thibodeau BJ**, **Michael DB**, et al, [**Wilson GD**]. Cranial irradiation significantly reduces beta amyloid plaques in the brain and improves cognition in a murine model of Alzheimer's disease (AD). *Radiother Oncol*, published online November 23, 2015.

Peeples CE, **Simon R**, **Nagar S**, **Ahmed S**, **Thibodeau BJ**, **Wilson GD**, et al. Using cancer gene profiling to distinguish benign from malignant follicular thyroid lesions. *International Journal of Endocrinology and Metabolic Disorders*. 2015 June 15;1(2).

Thibodeau BJ, **Geddes TJ**, **Fortier LE**, **Ahmed S**, **Pruetz BL**, **Wobb J**, et al, [**Wilson GD**, ***Akervall JA**]. Gene expression characterization of HPV positive head and neck cancer to predict response to chemoradiation. *Head Neck Pathol*. 2015 Sep;9(3):345-53.

Thibodeau BJ, **Fulton M**, **Fortier LE**, **Geddes TJ**, **Pruetz BL**, **Ahmed S**, et al, [**Wilson GD**]. Characterization of clear cell renal cell carcinoma by gene expression profiling. *Urol Oncol*, published online December 3, 2015.

Wilson GD, **Thibodeau BJ**, **Fortier LE**, **Pruetz BL**, **Galoforo S**, ***Marples B**, et al, [***Akervall JA**]. Cancer stem cell signaling during repopulation in head and neck cancer. *World Journal of Stem Cells*, published online March 26, 2015.

BioBank

Abstracts with Associated Research Presentations:

***Akervall JA, Geddes TJ, Pruetz BL, *Larson DM, Wilson GD.** The sustainability challenge of a community hospital-based biobank and core molecular laboratory: The Beaumont experience. International Society for Biological and Environmental Repositories (ISBER) 2015 Annual Meeting, Phoenix, AZ, May 5-9, 2015.

Geddes TJ, *Ketelsen B, Ahmed S, Pruetz BL, *Larson DM, *Akervall JA, et al, [Wilson GD]. Utilizing in-house resources to correct inevitable sample mix-ups in a medium throughput biorepository: Case studies. International Society for Biological and Environmental Repositories (ISBER) 2015 Annual Meeting, Phoenix, AZ, May 5-9, 2015.

Geddes TJ, *Kelley Z, Pruetz BL, *Larson DM, *Akervall JA, Wilson GD. Ultralow freezer temperature variability and the effect on specimen integrity as determined by proteomic analysis. International Society for Biological and Environmental Repositories (ISBER) 2015 Annual Meeting, Phoenix, AZ, May 5-9, 2015.

***Larson DM, Geddes TJ, Pruetz BL, Thibodeau BJ, *Akervall JA, Wilson GD.** Utilization of the kaizen philosophy for process improvement in the biobank setting. International Society for Biological and Environmental Repositories (ISBER) 2015 Annual Meeting, Phoenix, AZ, May 5-9, 2015.

Pruetz BL, Geddes TJ, *Larson DM, Farwell M, *Manier T, Thibodeau BJ, et al, [*Akervall JA, Wilson GD]. Preparing your Biorepository for CAP Accreditation. International Society for Biological and Environmental Repositories (ISBER) 2015 Annual Meeting, Phoenix, AZ, May 5-9, 2015.

Invited Research Presentations:

***Akervall JA.** The Beaumont MultiD Clinic: An overview. Beaumont Cancer Institute Oral Cancer Symposium: A Multidisciplinary Approach, Birmingham, MI, November 6, 2015.

Wilson GD. The Beaumont Health System BioBank: Developing a sustainable business model for sample management. 8th Annual Biorepositories and Sample Management Summit, Boston, MA, October 12-14, 2015.

Wilson GD. The challenge of sustaining a hospital-based biobank and core molecular laboratory: The Beaumont experience. 2015 Great Lakes Biorepository Research Network (GLBRN) Annual Meeting, Rochester, MI, October 30, 2015.

Wilson GD. GLBRN common biorepository model: Online connectivity of the biobanks within the network to serve research focused on patient care. 2015 Great Lakes Biorepository Research Network (GLBRN) Annual Meeting, Rochester, MI, October 30, 2015.

Wilson GD. Translational head and neck cancer research in the Beaumont Biobank. Beaumont Cancer Institute Oral Cancer Symposium: A Multidisciplinary Approach, Birmingham, MI, November 6, 2015.

BioBank

Website Contributions, Video Clips, or other Multi-Media Contributions:

***Akervall JA**, Parslow J, Maxon E, Tonlaar N, Lanni T. Closing a gap in cancer care: An outpatient weekly nutrition clinic for head and neck cancer patients. *Oncology Issues*, May/June 2015. http://www.nxtbook.com/nxtbooks/accc/oncologyissues_20150506/index.php.

CARDIOVASCULAR DISEASE

Peer-Reviewed Articles:

Abbas AE, Franey LM, Lester S, **Raff G**, Gallagher MJ, **Hanzel G**, et al, [**Safian RD**]. The role of jet eccentricity in generating disproportionately elevated transaortic pressure gradients in patients with aortic stenosis. *Echocardiography*. 2015 Feb;32(2):372-82.

*Aggarwal A, Smith JL, **Chinnaiyan KM**, Mehta N, Boura JA, Abdulla RK, et al. β -Blocker premedication does not increase the frequency of allergic reactions from coronary CT angiography. *J Cardiovasc Comput Tomogr*. 2015 Jul-Aug;9(4):270-7.

*Aggarwal A, **Khoury A**, **Mehta N**, **Goldstein JA**, **Dixon SR**, **Berman A**, et al, [**Abbas AE**]. Pulmonary vein isolation using the visually guided laser balloon. *J Cardiovasc Electrophysiol*, published online June 15, 2015.

Akrawinthawong K, Ricci J, Cannon L, **Dixon SR**, Kupfer K, Stivers D, et al. Subclinical and clinical contrast-induced acute kidney injury: Data from a novel blood marker for determining the risk of developing contrast-induced nephropathy. *Ren Fail*. 2015 Mar;37(2):187-91.

Anderson M, **Goldstein JA**, Morris L, Milano C, Kormos R, Bhamra J, et al. Benefits of a novel percutaneous ventricular assist device for right heart failure. *Journal of Heart and Lung Transplantation*, published on line November 2015.

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Boyden TF, Joynt KE, McCoy L, Neely ML, Cavender MA, **Dixon SR**. Collaborative quality improvement vs. public reporting for percutaneous coronary intervention: A comparison of percutaneous coronary intervention in New York vs. Michigan. *Am Heart J*. 2015 Dec;170(6):1227-33.

Brinks J, Davis A, **Franklin BA**. Enhanced external counterpulsation: A noninvasive treatment option for patients with angina pectoris. *ACSM Certified News*. 2015 25(1):6.

*Burris AC II, Boura JA, **Raff G**, **Chinnaiyan KM**. Triple rule-out vs. coronary CT angiography in patients with acute chest pain: Results from the Advanced Cardiovascular Imaging Consortium (ACIC). *JACC Cardiovasc Imaging*. 2015 Jul;8(7):817-25.

Chaddha A, Eagle KA, Braverman AC, Kline-Rogers E, Hirsch AT, et al, [**Franklin BA**]. Exercise and physical activity for the post-aortic dissection patient: The clinician's conundrum. *Clinical Cardiology*. 2015 Nov;38(11):647-51.

Chaddha A, Kline-Rogers E, Braverman AC, Erickson SR, Jackson EA, **Franklin BA**, et al. Survivors of aortic dissection: Activity, mental health, and sexual function. *Clinical Cardiology*. 2015 Nov;38(11):652-9.

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Deneke T, Jais P, Scaglione M, Schmitt R, DI Biase L, Christopoulos G, et al, [**Haines D**]. Silent cerebral events lesions related to atrial fibrillation ablation: A clinical review. *J Cardiovasc Electrophysiol*. 2015 Apr;26(4):455-63.

Dodukilic IK, Caiazzo G, Fabris E, Serdoz R, Abou-Sherif S, Madden S, et al, [**Goldstein JA**]. Near-infrared spectroscopy-intravascular ultrasound: Scientific basis and clinical applications. *Eur Heart J Cardiovasc Imaging*. 2015 Dec;16(12):1299-306.

Dukkipati SR, Woollett I, McElderry HT, Böhmer MC, Doshi SK, Gerstenfeld EP, et al, [**Haines D**]. Pulmonary vein isolation using the visually guided laser balloon: Results of the US feasibility study. *J Cardiovasc Electrophysiol*, published online June 15, 2015.

Franklin BA, Brinks J, Hendrickson K. Healthy obesity? New insights. Counseling strategies for health-fitness professionals. *ACSM Health and Fitness Journal*. 2015. 19(5):23-30.

Franklin BA, Brinks J, Sacks R, Trivax J, Friedman H. Reduced walking speed and distance as harbingers of the approaching grim reaper. *Am J Card*. 2015 Jul 15;116(2):313-7.

Franklin BA, Brook R, Pope CA III. Air pollution and cardiovascular disease. *Current Problems in Cardiology*. 2015; 40:207-238.

Franklin BA, Lavie CJ. Impact of statins on physical activity and fitness: Ally or adversary? *Mayo Clinic Proceedings*. 2015; 90(10):1314-1319.

Franklin BA, Brinks J. Cardiac rehabilitation: Underrecognized/underutilized. *Curr Treat Options Cardiovasc Med*. 2015 Dec;17(12):62.

Goldstein JA. Orthopedic afflictions in the interventional laboratory: Tales from the working wounded. *J Am Coll Cardiol*. 2015;65:827-9.

Goldstein JA. Lipid-laden plaques: Lesions “at-risk” for distal embolization during PCI catheter. *Cardiovasc Interv*. 2015 Jan;85:52-53.

Goldstein JA. Stent edge dissection: Depth of injury and adverse outcome. *Catheter Cardiovasc Interv*. 2015 Aug;86:247-8.

Goldstein JA, Dixon SR. In-stent neoatherosclerosis and distal embolization: Lesion architecture, composition, and PCI compression. *Catheter Cardiovasc Interv*. 2015 Mar;85(4):573-4.

Hanson ID, David SW, **Dixon SR**, Metzger DC, Génereux P, Maehara A, et al. Optimized delivery of intracoronary supersaturated oxygen in acute anterior myocardial infarction: A feasibility and safety study. *Catheter Cardiovasc Interv* 2015;Suppl 1:S51-7.

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Hanson ID, Goldstein JA, Dixon SR, Abbas AE, Safian RD, Muller JE. Present status and future direction of NIRS-IVIS multimodality direct coronary imaging. *Curr Cardiovasc Imaging Rep.* 2015;8:25.

Hanson ID, Goldstein JA, Dixon SR, Stone GW. Comparison of coronary artery lesion length by NIRS-IVUS versus angiography alone. *Coron Artery Dis.* 2015 Sep;26(6):484-9.

Hanson ID, Hanzel GS, Shannon FL. Mitral valve repair after annuloplasty ring dehiscence using mitraClip. *Catheter Cardiovasc Interv*, published online October 20, 2015.

Hanson ID, Safian RD. Longitudinal translocation of lipid-rich plaque after carotid artery stenting. *J Interv Cardiol.* 2015 Oct;28(5):498-9.

Howe MJ, Seth M, Riba A, **Hanzel GS**, Zainea M, Gurm HS. Underutilization of radial access in patients undergoing percutaneous coronary intervention for ST-segment-elevation myocardial infarction: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. *Circ Cardiovasc Interv.* 2015 May;8(5).

Book Chapter or Full Book Publications:

Abbas AE, editor. *Aortic stenosis: case-based diagnosis and therapy.* London: Springer, 2015. 279 p.

Abbas AE. *Aortic stenosis: case-based diagnosis and therapy.* London: Springer, 2015. Chapter 4, Different classifications of aortic stenosis; p.49-54.

Abbas AE, editor. *Interventional cardiology imaging: an essential guide.* London: Springer, 2015. 248 p.

Abbas AE, Hanson ID, Pica MC. Invasive evaluation of aortic stenosis. In: Abbas AE, editor. *Aortic stenosis: case-based diagnosis and therapy.* London: Springer, 2015. p. 55-70.

Abbas AE, Lester, SJ. Reverse area and gradient mismatch: the discordance of a large value and high gradients. In: Abbas AE, editor. *Aortic stenosis: case-based diagnosis and therapy.* London: Springer, 2015. p. 129-146.

Abbas AE, Pibarot P. Physiological basis for area and gradient assessment: hemodynamic principles of aortic stenosis. In: Abbas AE, editor. *Aortic stenosis: case-based diagnosis and therapy.* London: Springer, 2015. p. 29-48.

Abbas AE, Trivax JE. Optical coherence tomography. In: Abbas AE, editor. *Interventional cardiology imaging: an essential guide.* London: Springer, 2015. p. 153-174.

Barbat JJ. Qualitative and quantitative coronary angiography. In: Abbas AE, editor. *Interventional cardiology imaging: an essential guide.* London: Springer, 2015. p. 47-76.

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Book Chapter or Full Book Publications: continued

Berman AD. Balloon aortic valvuloplasty. In: Abbas AE, editor. Aortic stenosis: case-based diagnosis and therapy. London: Springer, 2015. p. 219-230.

Bilolikar AN, Abbas AE, Goldstein JA. Non-invasive correlation of invasive imaging. In: Abbas AE, editor. Aortic stenosis: case-based diagnosis and therapy. London: Springer, 2015. p. 203-224.

Bilolikar AN, Raff, GL. Complimentary role of CT/MRI in the assessment of aortic stenosis. In: Abbas AE, editor. Aortic stenosis: case-based diagnosis and therapy. London: Springer, 2015. p. 91-116.

Burris A, Shoukfeh M. Basic coronary artery anatomy and histology. In: Abbas AE, editor. Interventional cardiology imaging: an essential guide. London: Springer, 2015. p. 1-12.

Cami E. Physiology of coronary blood flow. In: Abbas AE, editor. Interventional cardiology imaging: an essential guide. London: Springer, 2015. p. 13-28.

Ebner BT, Chinnaiyan KM. Imaging of coronary artery anomalies. In: Abbas AE, editor. Interventional cardiology imaging: an essential guide. London: Springer, 2015. p. 75-94.

Franey LM, Lester SJ, Wood FO, Abbas AE. Area and gradient mismatch: the discordance of a small valve area and low gradients. In: Abbas AE, editor. Aortic stenosis: case-based diagnosis and therapy. London: Springer, 2015. p. 117-128.

Franklin BA, Miller WM, Juliao TR. Effect of lifestyle interventions on coronary heart disease risk in patients with diabetes. In: McGuire DK, Marx N, editors. Diabetes in cardiovascular disease: a companion to Braunwald's heart disease. Philadelphia: Elsevier Saunders, 2015. p. 39-154.

Franklin BA, Miller WM, McCullough PA. The metabolic syndrome. In: Bryant CX, Green DJ, editors. ACE Medical exercise specialist manual. San Diego: CA: American Council on Exercise, 2015. p. 344-360.

Gallagher MJ. Prosthetic aortic valves and diagnostic challenges. In: Abbas AE, editor. Aortic stenosis: case-based diagnosis and therapy. London: Springer, 2015. p.147-170.

George J. Pathophysiology of coronary artery disease. In: Abbas AE, editor. Interventional cardiology imaging: an essential guide. London: Springer, 2015. p. 29-46.

Graning R. Intravascular ultrasound. In: Abbas AE, editor. Interventional cardiology imaging: an essential guide. London: Springer, 2015. p. 121-152.

Hanson ID, Shoukfeh M, Abbas E. Fractional flow reserve. In: Abbas AE, editor. Interventional cardiology imaging: an essential guide. London: Springer, 2015. p. 107-120.

Hanzel GS. Transcatheter aortic valve replacement. In: Abbas AE, editor. Aortic stenosis: case-based diagnosis and therapy. London: Springer, 2015. p. 253-269.

Cardiovascular Disease

Book Chapter or Full Book Publications: continued

Kerner N. Echocardiographic evaluation of aortic valve stenosis. In: Abbas AE, editor. Aortic stenosis: case-based diagnosis and therapy. London: Springer, 2015. p. 71-90.

Mack MJ, **Abbas AE.** Risk prediction models, guidelines, special populations, and outcomes. In: Abbas AE, editor. Aortic stenosis: case-based diagnosis and therapy. London: Springer, 2015. p. 171-196.

Shannon FL, Sakwa MP, Johnson RL. Surgical management of aortic valve stenosis. In: Abbas AE, editor. Aortic stenosis: case-based diagnosis and therapy. London: Springer, 2015. p.197-218.

Smith JL, Pica MC, Abbas AE. Coronary flow resistance and reserve. In: Abbas AE, editor. Interventional cardiology imaging: an essential guide. London: Springer, 2015. p. 95-106.

Wood FO, Hanzel GS. Intra-cardiac echocardiography-guided interventional imaging. In: Abbas AE, editor. Interventional cardiology imaging: an essential guide. London: Springer, 2015. p. 225-239.

Zacharias SK, **Goldstein JA.** Clinical assessment of the severity of aortic stenosis. In: Abbas AE, editor. Aortic stenosis: case-based diagnosis and therapy. London: Springer, 2015. p. 21-28.

Abstracts with Associated Research Presentations:

Jae SY, **Franklin BA,** Bunsawat K, Park WH, Fernhall B. Blood pressure during submaximal exercise as a predictor of future hypertension in normotensive men. American College of Sports Medicine 62nd and 6th World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue Annual Meeting, San Diego, CA, May 26-30, 2015.

Pokan R, Ocenasek H, Harthum T, Kranz S, Wonisch M, Gabriel H, et al, [**Franklin BA**]. In CAD patients, performance improvements are achieved only during phase I of energy supply while in exercise therapy. American College of Sports Medicine 62nd and 6th World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue Annual Meeting, San Diego, CA, May 26-30, 2015.

Invited Research Presentations:

Franklin BA. Exercise testing: A treasure trove of diagnostic and prognostic information: Beyond myocardial perfusion imaging. Beaumont Health's Annual Nuclear Medicine Conference, Troy, MI, January 17, 2015.

Franklin BA. Cardiac rehabilitation: Forecasting the future. 17th Annual Cardiovascular Institute of North Colorado Conference, Loveland, CO, February 10, 2015.

Cardiovascular Disease

Invited Research Presentations: continued

Franklin BA. Recent advances in preventive cardiology and lifestyle medicine. Providence Hospital and Medical Centers Cardiology Grand Rounds, Southfield, MI, February 12, 2015. American Heart Association Midwest Affiliate, ITC Holdings, Novi, MI, February 19, 2015.

Franklin BA. Reduced walking speed and distance as harbingers of the approaching grim reaper. 7th Beaumont Advances in Heart Disease Prevention and Rehabilitation Conference, Troy, MI, March 28, 2015. Kaiser Permanente Center for Total Care Roundtable, Washington, DC, April 27-28, 2015. 31st Congreso Uruguayo, Montevideo, Uruguay, November 29-30, 2015.

Franklin BA. Fitness: Impact on surgical outcomes and healthcare costs. 62nd Annual Meeting of the American College of Sports Medicine, San Diego, CA, May 26-30, 2015.

Franklin BA. Is a medical examination more urgent for physical activity or inactivity? 62nd Annual Meeting of the American College of Sports Medicine, San Diego, CA, May 26-30, 2015.

Franklin BA. Research-based counseling strategies to facilitate lifestyle change: Practice pearls. 62nd Annual Meeting of the American College of Sports Medicine, San Diego, CA, May 26-30, 2015.

Franklin BA. Recent clinical advances in rehabilitative exercise: Clarifying the risk-protection paradox. 62nd Annual Meeting of the American College of Sports Medicine, San Diego, CA, May 26-30, 2015.

Franklin BA. Supervision of exercise testing by non-physician personnel. 62nd Annual Meeting of the American College of Sports Medicine, San Diego, CA, May 26-30, 2015.

Franklin BA. Exercise and cardiovascular health: Risk-benefit and mortality modulators. University of Michigan Cardiovascular Medicine Grand Rounds, Ann Arbor, MI, June 16, 2015.

Franklin BA. Extreme exercise and cardiovascular health: Clarifying the risk-protection paradox. 18th Annual Troy Beaumont Medical Staff Educational Symposium, Boyne Mountain, Boyne Falls, MI, June 19-20, 2015. 31st Congreso Uruguayo, Montevideo, Uruguay, November 29-30, 2015.

Franklin BA. What is a healthy lifestyle? Beaumont Advances in Cardiovascular Imaging and Interventions Conference, Dearborn, MI, September 12, 2015.

Franklin BA. Recent advances in preventive cardiology. Online platform for doctor's learning. Video conference shown to physicians throughout India, September 27, 2015.

Franklin BA. Moving from our reactive sick care model to proactive healthcare. Noll Seminar and Colloquium, Pennsylvania State University, State College, University Park, PA, October 1-2, 2015.

Franklin BA. Extreme exercise and cardiovascular health: Pathophysiologic considerations regarding the risk-protection paradox. Noll Seminar and Colloquium, Pennsylvania State University, State College, University Park, PA, October 1-2, 2015.

Cardiovascular Disease

Invited Research Presentations: continued

Franklin BA. Hot topics in preventive cardiology. Beaumont's Practical Update in Cardiology, Troy, MI, November 21, 2015.

Franklin BA. Triggers of acute cardiac events: Prophylactic strategies. 31st Congresso Uruguayo, Montevideo, Uruguay, November 29-30, 2015.

Franklin BA. Survival of the fittest: Evidence for high risk and cardioprotective fitness levels. 31st Congresso Uruguayo, Montevideo, Uruguay, November 29-30, 2015.

Franklin BA. Cardiac rehabilitation in modern cardiology: The underutilization paradox? 31st Congresso Uruguayo, Montevideo, Uruguay, November 29-30, 2015.

Franklin BA. Cardiorespiratory fitness, physical activity, and cardiovascular health: Clarifying the risk protection paradox. 42nd Annual Williamsburg Conference on Heart Disease, Williamsburg, VA, December 6-8, 2015.

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

Devlin W. 2015 GAHP Workshop. Great ape heart project, October 14, 2015. Available from: <https://greatapeheartproject.files.wordpress.com/2011/11/gahp2015workshopsummary.pdf>

COLON and RECTAL SURGERY

Abstracts with Associated Research Presentations:

Honaker M, Edwards C, Ballouz, S, **Wasvary H**. Multidisciplinary tumor clinic results in improved five year, overall and disease-free survival in patients with colorectal cancer. J Clin Oncol. 2015;33:e14672.

Invited Research Presentations:

Adeyemo A, Hothem Z, Cirino J, **Wasvary H, Shellnut J**. Surgical outcomes between laparoscopic and robotic colon and rectal surgery: A single surgeon's experience. Michigan Society of Colon and Rectal Surgeons Annual Meeting, Troy, MI, October 20-24, 2015.

Honaker M, **Ziegler M**, Shuell C, Gates E, Pelton J, **Barkel D, Wasvary H**. Packed red blood cell transfusions are associated with increased post-operative surgical infections. The American College of Surgeons National Surgical Care Improvement Project National Meeting, Chicago, IL, July 26, 2015.

Honaker M, Shaffer K, Shuell C, Gates E, Pelton J, **Barkel D, Wasvary H**. Can we predict outcomes after Hartmann's procedure? 45th Annual Residents' and Fellows' Research Forum, Beaumont Health Royal Oak, MI, June 2, 2015. The American College of Surgeons National Surgical Care Improvement Project National Meeting, Chicago, IL, July 26, 2015.

Honaker M, Scouten S, **Sacksner J, Ziegler M**, Riggs T, **Wasvary H**. Which operative technique offers the optimal lymph node harvest for patient undergoing right colectomy? The American Society of Colon and Rectal Surgeons Annual Meeting, Boston, MA, June 1, 2015. 45th Annual Residents' and Fellows' Research Forum, Beaumont Health Royal Oak, MI, June 2, 2015.

Honaker M, **Ziegler M**, Shuell C, Gates E, Pelton J, **Wasvary H, Barkel D**. Packed red blood cell transfusions are associated with increased post-operative surgical infections in patients undergoing colorectal surgery. 45th Annual Residents' and Fellows' Research Forum, Beaumont Health Royal Oak, MI, June 2, 2015.

Honaker M, Edwards C, **Wasvary H**. A multidisciplinary tumor clinic results in improved five year, overall, and disease-free survival in patients with stage III colorectal cancer. 45th Annual Residents' and Fellows' Research Forum, Beaumont Health Royal Oak, MI, June 2, 2015.

Honaker M, Edwards C, **Ziegler M, Wasvary H**. A multidisciplinary tumor clinic results in improved colorectal cancer outcomes. Michigan Chapter of the American College of Surgeons, Grand Rapids, MI, May 15, 2015.

Honaker M, Edwards C, Scouten S, **Ziegler M, Wasvary H**. Which operative technique offers the optimal lymph node harvest for patient undergoing laparoscopic right colectomy? Michigan Chapter of the American College of Surgeons, Grand Rapids, MI, May 15, 2015.

Somerset A, Honaker M, **Ziegler M, Wasvary H**. Packed red blood cell transfusion increases morbidity and mortality in patients undergoing surgery for colorectal cancer. Michigan Chapter of the American College of Surgeons, Grand Rapids, MI, May 15, 2015.

Colon and Rectal Surgery

Invited Research Presentations: continued

Wasvary H. Lower gastrointestinal motility. Oakland University William Beaumont School of Medicine, Rochester, MI, September 18, 2015.

Wasvary H. Current status on the prevention and treatment of colorectal cancer. JCC of Metropolitan Detroit, Institute of Retired Professionals, West Bloomfield, MI, March 27, 2015.

Wasvary H. Prevention and treatment of colorectal cancer in the accountable care era. Atlas Copco Tools and Assembly Systems, Auburn Hills, MI, October 20, 2015.

DIAGNOSTIC RADIOLOGY and MOLECULAR IMAGING

Peer-Reviewed Articles:

Ahmed AT, **Mohammed K, Chehab M**, Brinjikji W, Murad H, Cloft H, et al. Comparing percutaneous transluminal angioplasty and stent placement for treatment of subclavian arterial occlusive disease: A systematic review and meta-analysis. *Cardiovasc Intervent Radiol*, published online December 2, 2015.

Al-Faham Z, Jolepalem P, Wong CY. The evaluation of cardiac sarcoidosis with 18F-FDG PET scan. *J Nucl Med Technol*, published online August 13, 2015.

Al-Faham Z, Jolepalem P. Use of SPECT-CT with 99mTc-MDP bone scintigraphy to diagnose symptomatic os acromiale. *J Nucl Med Technol*. 2015 Sep;43(3):236-7.

Al-Faham Z, Al-Katib S, Jaiyesimi I, **Bhavnagri S**. The evaluation of inflammatory breast cancer with F-18-fluorodeoxyglucose positron emission tomography. A review of the literature. *J Nucl Med Technol*. 2015 Dec;43(4):289-91.

Al-Faham Z, *Boyer AC, Wong CO, Wu D. Detection of aberrant right subclavian artery by PET/CT. *J Nucl Med Technol*. 2015 Jun;43(2):129-30.

Al-Faham Z, Kassir M, *Wood DP, Balon H. Appearance of meningioma on Tc99m-HMPAO SPECT brain scan: Correlation with MRI. *J Nucl Med Technol*, published online October 15, 2015.

Al-katib S, Al-Faham Z, Balon H. Liver uptake on bone scanning: A diagnostic algorithm. *J Nucl Med Technol*. 2015 Jun;43(2):135-6.

Al-Katib S, Al-Faham Z, Sokhandon F. HIDA detects high-grade biliary obstruction secondary to IgG4-related sclerosing cholangitis. *J Nucl Med Technol*. 2015 Dec;43(4):297-8.

Baschnagel AM, Wobb JL, Dilworth JT, Williams L, Eskandari M, **Wu D**, et al. The association of (18)F-FDG PET and glucose metabolism biomarkers GLUT1 and HK2 in p16 positive and negative head and neck squamous cell carcinomas. *Radiother Oncol*. 2015 Oct;117(1):118-24.

***Boyer AC, Krishnan A, Goncalves LF**, Williams L, Chaiyasate K. Prenatal diagnosis of nasal glioma associated with metopic craniosynostosis: Case report and review of the literature. *J Radiol Case Rep*. 2015 Apr 30;9(4):1-8.

Carter B, Griffith B, Mossa-Basha F, **Zintsmaster SA**, Patel S, Williams T, et al. Reformatted images of the thoracic and lumbar spine following CT of chest, abdomen, and pelvis in the setting of blunt trauma: Are they necessary? *Emerg Radiol*. 2015 Aug;22(4):373-8.

Chehab MA, Brinjikji W, **Copelan A**, Venkatesan AM. Navigational tools for interventional radiology and interventional oncology applications. *Semin Intervent Radiol*. 2015 Dec;32(4):416-27.

Chehab M, Dixit P, Antypas E, Juncaj M, **Wong O, Bischoff M**. Endovenous laser ablation of perforating veins: Feasibility, safety, and occlusion rate using a 1,470-nm laser and bare-tip fiber. *J Vasc Interv Radiol*. 2015 June;26(6):871-7.

Diagnostic Radiology and Molecular Imaging

Peer-Reviewed Articles: continued

Chehab M, Noujaim S, Qahwash O, Mezwa D, Roy A. Intractable hiccups due to PICA aneurysm. *J Neurol Surg Rep.* 2015 Jul;76(1):e120-2.

Chehab M, Friedlander J, Handel J, Vartanian SA, Krishnan A, Wong CO, et al, [Ciacci J]. Percutaneous cryoablation versus partial nephrectomy: Cost comparison of T1a tumors. *J Endourol*, published online August 20, 2015.

Chehab M, Copelan A, Al-Faham Z, Wong CY. Systemic mastocytosis: A rare cause of single vertebral body uptake on bone scan. *J Radiol Case Rep.* 2015 Feb 28;9(2):31-41.

Copelan A, Chehab M, Dixit P, Cappell MS. Safety and efficacy of angiographic occlusion of duodenal varices as an alternative to TIPS: Review of 32 cases. *Annals of Hepatology.* 2015 May-June;14(3):369-379.

Copelan A, Bahoura L, Tardy F, Kirsch M, Sokhandon F, Kapoor B. Etiology, diagnosis, and management of bilomas: A current update. *Tech Vasc Interv Radiol.* 2015 Dec;18(4):236-43.

Goncalves LF, Lee W, Mody S, Shetty A, Sangi-Haghpeykar H, Romero R. Diagnostic accuracy of ultrasonography and magnetic resonance imaging for the detection of fetal anomalies: A blinded case-control study. *Ultrasound Obstet Gynecol*, published online October 6, 2015.

Kassir M, Al-Faham Z, *Abel N, Balon HR. Lumbosacral transitional vertebra diagnosed on 99mTc-methylene diphosphonate SPECT/CT. *J Nucl Med Technol.* 2015 Jun;43(2):137-8.

Kaza RK, Al-Hawary MM, **Sokhandon F, *Shirkhoda A, Francis IR.** Pitfalls in pancreatic imaging. *Semin Roentgenol.* 2015 Oct;50(4):320-7.

Kennedy AS, David Ball D, Cohn M, Coldwell D, Drooz A, Ehrenwald E, et al, [**Savin MA**]. Hepatic imaging response to radioembolization with yttrium-90-labeled resin microspheres for tumor progression during systemic chemotherapy in patients with colorectal liver metastases. *J Gastrointestinal Oncol.* 2015;6(6):594-604.

Kennedy AS, Ball D, Cohen SJ, Cohn M, Coldwell D, Drooz A, et al, [**Savin M**]. Multicenter evaluation of the safety and efficacy of radioembolization in patients with unresectable colorectal liver metastases selected as candidates for 90Y resin microspheres. *J Gastrointestinal Oncol.* 2015 Apr;6(2):134-42.

Ross D, Maerz T, Kurdziel MD, Hein J, **Doshi S, Bedi A, et al.** The effect of granulocyte colony stimulating factor (G-CSF) on rotator cuff healing following injury and repair. *Clin Orthop Relat Res.* 2015 May;473(5):1655-64.

Savin MA, Chehab M, Campbell J, Savin JH, *Cash C, Wong CO, Schultz C. Yttrium-90 infusions: Incidence and outcome of delivery system occlusions during 885 deliveries. *J Vasc Interv Radiol.* 2015 Dec;26(12):1769-76.

Smillie RP, Shetty M, *Boyer AC, Madraza B, Jafri SZ. Imaging evaluation of the inferior vena cava. *Radiographics.* 2015 Mar-Apr;35(2):578-92.

Diagnostic Radiology and Molecular Imaging

Peer-Reviewed Articles: continued

Trapani Jr. A, **Goncalves LF**, Trapani TF, Franco MJ, Galluzzo R, Pires MMS. Comparison between transdermal nitroglycerin and sildenafil citrate in intrauterine growth restriction: Effect on uterine, umbilical and middle cerebral artery pulsatility index. *Ultrasound Obstet Gynecol*, published online August 17, 2015.

Book Chapter or Full Book Publications:

Goncalves LF. Three-dimensional ultrasound: a role in early pregnancy? In: Abramowicz, J. editor. *First-trimester ultrasound: a comprehensive guide*. New York: Springer, 2015. p. 213-222.

Goncalves LF. Bronsteen RA. Three-dimensional ultrasonography. In: Kline-Fath BM, Bulas DI, Bahado-Singh R, editors. *Fundamental and advanced fetal imaging: ultrasound and MRI*. Philadelphia: Wolters Kluwer Health, 2015. p. 48-75.

Abstracts with Associated Research Presentations:

***Abel N, Nandalur K**. Transrectal ultrasound-guided prostate biopsy: A primer for radiologists. American Roentgen Ray Society (ARRS) Annual Meeting, Toronto, Ontario, Canada, April 19-24, 2015.

Akiyama LF, Kohn A, **Bloom DA**. Abdominal distention, nonobstructed megacystis, microcolon and intestinal hypoperistalsis in a newborn female. American Academy of Pediatrics (AAP) National Conference & Exhibition, Washington, DC, October 24-27, 2015.

***Agrawal R, Silbergleit R, Noujaim S, Krishnan A, Tech K, Wang AM**. Imaging findings in the spectrum of malignant neoplasms of parotid. American Roentgen Ray Society (ARRS) Annual Meeting, Toronto, Ontario, Canada, April 19-24, 2015. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

***Agrawal R, Barry K, Wang AM, Krishnan A, Al-Hakim M**. A rare case of crossed cerebellar diaschisis secondary to hypoglycemic seizures with unilateral pancortical pseudolaminar necrosis. American Society of Neuroradiology (ASNR) Annual Meeting, Chicago, IL, April 25-30, 2015.

***Agrawal R, Krishnan A, Silbergleit R, Goncalves L**. Imaging findings of syntelencephaly on prenatal USG and fetal MRI and correlation with postnatal MRI brain. American Society of Neuroradiology (ASNR) Annual Meeting, Chicago, IL, April 25-30, 2015.

***Agrawal, R, Wang AM, Silbergleit R, Wong J**. IV contrast enhanced subdural effusion may help in early diagnosis of idiopathic intracranial hypotension with normal enhanced MRI brain and apparently normal unenhanced cervical spine MRI. American Society of Spine Radiology (ASSR) Annual Symposium, Las Vegas, NV, February 5-8, 2015.

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

Al-Faham Z, Balon H. Patterns of extraskeletal uptake on Tc-99m MDP bone scan. Society of Nuclear Medicine & Molecular Imaging (SNMMI) Annual Meeting, Baltimore, MD, June 6-10, 2015.

Al-Faham Z, Muhleman M, Wu D, Wong CO. High correlation of image based Tc-99 Pertechnetate estimation of trapping uptake with 24-hour I-131 uptake. International Thyroid Congress (ITC) 15th Annual Meeting, Lake Buena Vista, FL, October 18-23, 2015.

Al-Faham Z, Wu D. The effect of Metformin in patients with or without hyperglycemia on physiological 18-FDG distribution in the cerebellum, mediastinum, liver and colon. Society of Nuclear Medicine & Molecular Imaging (SNMMI) Midwinter Meeting, San Antonio, TX, January 22-25, 2015.

Al-Katib S, Basmaji C. Imaging of extra-aortic vascular emergencies of the abdomen. American Society of Emergency Radiology (ASER) Annual Meeting, Key Biscayne, Miami, FL, September 16-19, 2015.

Al-Katib S, Basmaji C. Imaging of extra-aortic vascular emergencies of the thorax. American Society of Emergency Radiology (ASER) Annual Meeting, Key Biscayne, Miami, FL, September 16-19, 2015.

Al-Katib S, Habra G, Friedlander J. MR imaging of the symptomatic elbow. International Skeletal Society (ISS), Wailea, Maui, HI, September 29-October 2, 2015.

Al-Katib S, Habra G. Thinking outside the box: MRI of the knee beyond the ligaments and menisci. American Roentgen Ray Society (ARRS) Annual Meeting, Toronto, Ontario, Canada; April 19-24, 2015.

Al-Katib S, Krishnan A, Kilanowski S, Kirsch M. Food for thought: Does providing breakfast improve conference attendance? 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

Al-Katib S, Shetty M, Jafri SZ. A multimodality review of native renal vascular pathology. Radiological Society of North America (RSNA) 101st Scientific Assembly and Annual Meeting, Chicago, IL, November 29-December 4, 2015.

Bahoura L, Scola D, Copelan A, *Shirkhoda A, Sokhandon F. Getting the GIST: A pictorial review of the various patterns of presentations of GIST on imaging. Society of Abdominal Radiology (SAR) 2015 Annual Meeting, Coronado, CA, March 22-27, 2015.

Bahoura L, Brandenburg S, Shetty M, Mitul A, Jafri SZ. A multimodality review of benign renal and urothelial neoplasms and their mimics. American Roentgen Ray Society (ARRS) Annual Meeting, Toronto, Ontario, Canada, April 19-24, 2015.

Bahoura LJ, George DL, Shetty M, Amin MB, Jafri SZ. Rare sighting: A review of uncommon renal neoplasms and mimics with radiologic- pathologic correlation. American Roentgen Ray Society (ARRS) Annual Meeting, Toronto, Ontario, Canada, April 19-24, 2015.

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

Bajwa A, Wilseck J. Common and uncommon lesions of the mandible: A systemic approach to jaw pathology. American Society of Head and Neck Radiology (ASHNR) 49th Annual Meeting, Naples, FL, September 9-13, 2015.

Bajwa A, Copelan A, Patel K, Kazanji B, Ciacci J. Evaluation of post-procedural symptoms and complications of mesenteric angiography with coil embolization in patients with lower gastrointestinal hemorrhage. Digestive Disease Interventions (DDI) Annual Meeting, Boston, MA, October 22-24, 2015.

Boyer A, Davis J, Chen C, Farah MC. Lung cancer screening CT: Initial reporting and outcomes results. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

Brandenburg S, Shah N, Doshi S. Multi-modality evaluation and subsequent management of the lisfranc joint complex in the emergency setting. American Society of Emergency Radiology (ASER) Annual Meeting, Key Biscayne, Miami, FL, September 16-19, 2015.

Chehab M, Wilseck J. Negative predictive value of CT perfusion imaging in acute ischemic stroke. Society of Neurointerventional Surgery (SNIS) Annual Meeting, San Francisco, CA, July 27-30, 2015.

Chehab M, Savin MA, Campbell J, *Cash C, Savin JH, Wong C, et al, [Schultz C]. Yttrium-90 infusion: Incidence and outcomes of delivery system occlusions. Society of Interventional Radiology (SIR) Annual Scientific Meeting, Atlanta, GA, February 28-March 5, 2015.

Chehab M, Antypas E, Juncaj M, Wong O, Bischoff M. Efficacy, safety and clinical outcomes of incompetent perforator vein ablation using 1470nm bare tip fiber. Society of Interventional Radiology (SIR) Annual Scientific Meeting, Atlanta, GA; February 28-March 5, 2015.

Chen L, Alapati SK, *Khan M. Evaluation of image quality and radiation dose of various unenhanced head CT protocols. American Association of Physicists in Medicine (AAPM) 57th Annual Meeting & Exhibition, Anaheim, CA, July 12-16, 2015.

Copelan A, Noujaim S. Congenital frontoethmoidal cephaloceles: What you need to know. American Society of Head and Neck Radiology (ASHNR) 49th Annual Meeting, Naples, FL, September 9-13, 2015.

Copelan A, Chehab M, Wilseck J. Non-ischemic etiologies on CT perfusion for stroke-like symptoms. Society of Neurointerventional Surgery (SNIS) Annual Meeting, San Francisco, CA, July 27-30, 2015.

***Flynt L, *Graner B, Wu D, Menkes D, Wong CO.** A retrospective clinical study to compare the rates of agreement between clinical diagnosis and visual assessment of DatScan images in non-Caucasian and Caucasian subjects with Parkinson's disease or essential tremor. Annual Society of Neuroimaging (ASN) 38th Annual Meeting, Carefree, AZ, January 15-18, 2015. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

***Flynt L, *Graner B, Wong CO, Wu D.** Imaging of striatal dopaminergic neurons using DaTscan in correlation with clinical diagnosis. Annual Society of Neuroimaging (ASN) 38th Annual Meeting, Carefree, AZ, January 15-18, 2015.

Friedlander J. Yadavalli S. Look again and check your blind spot: Review of commonly missed bone and soft tissue pathology in the emergency setting. American Society of Emergency Radiology (ASER) Annual Meeting, Key Biscayne, Miami, FL, September 16-19, 2015.

***Goldin D, George D,** Chen C, Guimaraes M, **Campbell J, Savin MA.** Incomplete yttrium-90 infusion and high residual radioactivity during radioembolization. Society of Interventional Radiology (SIR) Annual Scientific Meeting, Atlanta, GA, February 28-March 5, 2015.

Goncalves LF, Lee W, Mody S, Shetty AN, Sangi-Haghpeykar H, Romero R. Diagnostic accuracy of ultrasonography and magnetic resonance imaging for the detection of fetal anomalies: A blinded case-control study. 25th World Congress of Ultrasound in Obstetrics and Gynecology (ISUOG), Montreal, Canada, October 11-14, 2015.

***Graner B, *Flynt L, Wong CO, Wu D.** Clinical impact of I-123 Iopropamide SPECT (DaTscan) imaging results in patients with Parkinsonism versus essential tremor. American Society of Neuroradiology (ASNR) Annual Meeting, Chicago, IL, April 25-30, 2015.

Huang J, Misra L, Young M, **VanHulle R.** Putting the pieces together: A curriculum designed to integrate the imaging and laboratory findings of a symptomatic patient. Oakland University William Beaumont (OUWB) Medical Education Week, Royal Oak, MI, May 18-20, 2015.

Jain S, Wang AM, Krishnan A, Jain R, Barry K, Silbergleit R. MR perfusion and MR spectroscopy in methotrexate induced brain parenchymal necrosis relating to indwelling catheter: A valuable tool in distinguishing from recurrent tumor. American Society of Neuroradiology (ASNR) 2015 Annual Meeting, Chicago, IL, April 25-30, 2015. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.
Award: First Prize in Case Report Beaumont Research Forum

***Jain S, Wang AM, Krishnan A,** Zakalik K, **Silbergleit R,** Donev K. Rare case of infantile intraspinal hemangioma with hydrocephalus: Neuroimaging correlation with pathology and literature review. American Society of Spine Radiology (ASSR) Annual Symposium, Las Vegas, NV, February 5-8, 2015.

Kassier A, Otuopalova E, **Chehab M,** Dalal B, Smith M. When doctors do more harm than good: A case report of acute respiratory failure worsened by amiodarone lung toxicity. American College of Physicians Internal Medicine (ACP) Annual Meeting, Boston, MA, April 28-May 2, 2015.

Kramer J, Barry K, Wang AM, Krishnan A, May A. Neuroimaging appearance of a rare case of an intramedullary arachnoid cyst. American Society of Spine Radiology (ASSR) Annual Symposium, Las Vegas, NV, February 5-8, 2015.

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

Lack B, Nugent J, **Tech K**. Imaging extra-aortic vascular emergencies of the thorax. Radiological Society of North America (RSNA) 101st Scientific Assembly and Annual Meeting, Chicago, IL, November 29-December 4, 2015.

***Lenger A**, LaBan M. The importance of a complete radiology evaluation: Abdominal pain secondary to degenerative disease in the spine. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

Mahajan P, Shah N, **Doshi S**. Hernia evaluation in the ED. American Society of Emergency Radiology (ASER) Annual Meeting, Key Biscayne, Miami, FL, September 16-19, 2015.

Margiewicz S, **Krishnan A**, **Wang AM**. Sellar and suprasellar imaging: A quick, easy, and effective approach to diagnosis. American Roentgen Ray Society (ARRS) Annual Meeting, Toronto, Ontario, Canada, April 19-24, 2015.

***Messer K**, Romnek MJ, **Piziali D**, Soto R. Let them eat cake or at least clears: Evaluating the need for modified NPO status in patients with gastric bands. Michigan Radiological Society (MRS) Fellow and Resident Annual Meeting, Novi, MI, February 5, 2015.

Muhleman M, **Al-Faham Z**, **Wu D**. Coexisting metastatic Hurthle cell thyroid cancer and lung cancer with markedly different metabolic activities on FDG/ PET/CT. International Thyroid Congress (ITC) 15th Annual Meeting, Lake Buena Vista, FL, October 18-23, 2015

Rahman S, **Harb J**, **Silbergleit R**, **Chehab M**. When fluoroscopic guidance isn't enough: Complications following fluoroscopically guided lumbar puncture. American Society of Spine Radiology (ASSR) Annual Symposium, Las Vegas, NV, February 5-8, 2015.

Rahman S, **Wang AM**. Intraorbital optic nerve: Neuroimaging and pathologic spectrum. American Society of Head and Neck Radiology (ASHNR) 49th Annual Meeting, Naples, FL, September 9-13, 2015.

Rahman S, **Agrawal R**, **Wang AM**, McCormick E, **Krishnan A**. Mobius syndrome. American Society of Head and Neck Radiology (ASHNR) 49th Annual Meeting, Naples, FL, September 9-13, 2015.

Roberson J, **Lack B**, **Scola D**, **Jafri SZ**, **Nghiem H**, **Sokhandon F**. A bag of tricks: Multimodality approach to challenging gallbladder pathology and differential diagnosis. Radiological Society of North America (RSNA) 101st Scientific Assembly and Annual Meeting, Chicago, IL, November 29-December 4, 2015.

Shetty M, **Alapati SK**, **Jafri SZ**. Multi-modality imaging features of uncommon gynecologic emergencies. Radiological Society of North America (RSNA) 101st Scientific Assembly and Annual Meeting, Chicago, IL, November 29-December 4, 2015.

Silbergleit R, **Vemulapalli C**. Recognizing complications of interlaminar cervical and lumbar epidural injections. Western Neuroradiology Society (WNS) 47th Annual Meeting, Colorado Springs, CO, September 18-20, 2015.

Diagnostic Radiology and Molecular Imaging

Abstracts with Associated Research Presentations: continued

Sokhandon F, Shirkhoda A. GI cases of the day. The Society of Abdominal Radiology. Society of Abdominal Radiology (SAR) Annual Meeting, Coronado, CA, March 22-27, 2015.

Sultan R, Garg L, Gniado E, **Chehab M**, Ospina L. Cyclic Cushings Syndrome due to ectopic ACTH production: Searching for a needle in a hay stack. American College of Physicians Internal Medicine (ACP) Michigan Chapter Annual Meeting, Traverse City, MI, September 25-27, 2015.

Thottakara P, Nghiem H, Vartanian SA. Diagnostic yield of CT-guided percutaneous core biopsy of ground glass pulmonary lesions. Society of Interventional Radiology (SIR) Annual Scientific Meeting, Atlanta, GA, February 28-March 5, 2015.

Vekaria S, Agrawal R, **Krishnan A, Goncalves L.** A review of fetal MRI findings of posterior cranial fossa cystic lesions. American Society of Neuroradiology (ASNR) Annual Meeting, Chicago, IL, April 25-30, 2015.

Vemulapalli C, Silbergleit R, Wang AM, Krishnan A. Numb chin syndrome. American Society of Head and Neck Radiology (ASHNR) 49th Annual Meeting, Naples, FL, September 9-13, 2015.

Wilseck J, Wilseck, Z. A complicated chiasm: Multi-modality imaging of jugular foramen lesions. American Society of Neuroradiology (ASNR) Annual Meeting, Chicago, IL, April 25-30, 2015.

Wiater BP, Moravek JE, Pinkas D, Koueiter DM, Maerz T, **Marcantonio DR,** et al. Shoulder muscle parameters as predictors of outcome following reverse total shoulder arthroplasty. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, New Orleans, LA, March 11-15, 2015.

Xie L, Wu D. Series FDG PET/CTs predict dedifferentiation of recurrent papillary thyroid carcinoma. International Thyroid Congress (ITC) 15th Annual Meeting, Lake Buena Vista, FL, October 18-23, 2015.

Yadavalli S, Friedlander J. Neoplasms and tumor mimics in and around the knee. International Skeletal Society Annual Meeting, Maui, HI, September 30-October 2, 2015.

***Zhiva E, Yadavalli S, Vekaria S.** Reverse total shoulder arthroplasty: Radiologic imaging and evaluation. Society of Skeletal Radiology (SSR) 38th Annual Meeting, Scottsdale, AZ, March 8 - 11, 2015.

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

Bahoura L, Scola D, Copelan A, *Shirkhoda A, Sokhandon F. Getting the GIST: A pictorial review of the various patterns of presentations of GIST on imaging. Selected by Website Education Committee for posting on SAR website, www.abdominalradiology.org, available July 13, 2015.

Diagnostic Radiology and Molecular Imaging

Non Peer-Reviewed Publications:

Goncalves LF. Referee commentary on prenatal features of isolated subependymal pseudocysts associated with adverse pregnancy outcome. H. Esteban, E. Blondiaux, E. Audureau, C. Sileo, M.L. Moutard, A. Gelot, et al. *Ultrasound Obstet Gynecol.* 2015; 46: 678-687.

EMERGENCY MEDICINE

Peer-Reviewed Articles:

Bahl A, Yunker A. Assessment of the numbers-based model for evaluation of resident competency in emergency ultrasound core applications. *Journal of Emergency Medicine Trauma and Acute Care*. 2015;1(5):1-9.

Berger DA, Gowans LK, Khandhar P. A case of asymptomatic pediatric chronic myelogenous leukemia with hyperleukocytosis: An entity without a treatment algorithm. *Clin Pediatr*. 2015 Jun;54(6):589-90.

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Abstracts with Associated Research Presentations:

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Emergency Medicine

Abstracts with Associated Research Presentations:

Hu J, Kessler RC, Bortsov AV, Battles SR*, Peak DA, Jones JS, et al, [**Swor RA**]. Evaluating musculoskeletal pain pathogenesis in the aftermath of motor vehicle collision in a multi-dimensional context. American Pain Society Annual Meeting, Palm Springs, CA, May 13-16, 2015.

Hu J, Bollen KA, Lane ST, Bortsov AV, Peak DA, Jones JS, et al, [**Swor RA**]. Evaluation of the influence of stress-induced pain vulnerability and sociodemographic characteristics on acute pain after a motor vehicle collision using structural equation modeling. American Pain Society Annual Meeting, Palm Springs, CA, May 13-16, 2015.

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Emergency Medicine

Abstracts with Associated Research Presentations:

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Shakhan SA, Lerner AM, **Berger DA**. A case of ceftriaxone induced cholecystitis in a 21-year-old-female. SMACC Annual International Meeting, Chicago, IL, June 23-26, 2015.

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Emergency Medicine

Non Peer-Reviewed Publications:

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FAMILY MEDICINE

Peer-Reviewed Articles:

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Invited Research Presentations:

Abdel-Aty K, Diaz D, Lick D. Pre-participation sports physicals: A comparison of single provider versus station-based models. Michigan Family Medicine Research Day XXXV, Howell, MI, May 2015.

Asmus MJ, **Mulhem E**, Hillenberg JB, Donevan S, Krichbaum D, Whipple S, et al. Prevalence of self-reported chronic pain in primary care. American Academy of Pain Management Annual Meeting, Washington, DC, September 17-20, 2015.

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Whipple S, Sadosky A, Brodsky M, Mardekian J, Asmus MJ, Donevan S, et al, [**Mulhem E**]. Differentiating chronic pain types. American Academy of Pain Management Annual Meeting, Las Vegas, NV, September 6-10, 2015.

SUBSPECIALTY DIVISIONS OF INTERNAL MEDICINE

ALLERGY

GASTROENTEROLOGY and HEPATOLOGY

GENERAL INTERNAL MEDICINE

GERIATRICS

HEMATOLOGY / ONCOLOGY

INFECTIOUS DISEASES

NEUROLOGY

NUTRITION and PREVENTIVE MEDICINE

ALLERGY

Peer-Reviewed Articles:

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Kazanji N, Gjeorgjievski M, Yadav S, **Lauter C**, Mertens A. Monomicrobial vs. polymicrobial clostridium difficile bacteremia: A case report and review of the literature. Am J Med. 2015 Sep;128(9):e19-26.

Abstracts with Associated Research Presentations:

Kazanji N, Yadav S, Sousaris N, **Lauter C**. Oh, the places you'll go! A tale of c. difficile bacteremia. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Keeney S, Ali-Ahmed F, **Lauter C**. Sidetracked by sexual orientation. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

GASTROENTEROLOGY and HEPATOLOGY

Peer-Reviewed Articles:

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Cappell MS, *Nojkov B, Amin M. Proposed clinical and endoscopic predictors for diagnosis of GI Kaposi's sarcoma. *South Med J.* 2015 Feb;108(2):135-8.

Cappell MS, *Nojkov B, Amin M, *Xiong T. Clinical utility of recently published clinical and endoscopic predictors of diagnosis of GI Kaposi sarcoma: Illustrative case report. *Minerva Gastroenterol Dietol.* 2015 Sep;61(3):173-5.

Copelan A, Chehab M, Dixit P, **Cappell MS.** Safety and efficacy of angiographic occlusion of duodenal varices as an alternative to TIPS: Review of 32 cases. *Ann Hepatol.* 2015 May-Jun; 14(3):369-79.

Gjeorgjievski M, Amin M, **Cappell MS.** Characteristic clinical features of Aspergillus appendicitis: Case report and literature review. *World J Gastroenterol* 2015. Nov 28; 21(44):12713-21.

Gjeorgjievski M, **Purohit T**, Amin MB, Kurtin PJ, **Cappell MS.** Upper gastrointestinal bleeding from gastric amyloidosis in a patient with smoldering multiple myeloma. *Case Rep Gastrointest Med*, published online August 23, 2015.

*Manickam P, **Mogrovejo E, Cappell MS.** Oseltamivir-induced acute hemorrhagic colitis. *Minerva Gastroenterol Dietol.* 2015 Dec;61(4):299-301.

Mogrovejo E, Manickam P, Jury RP, Cappell MS. Anomalous accessory hepatic duct draining into the cystic duct in an asymptomatic patient: MRCP and ERCP findings. *Gastrointest Endosc* 2015;81(6):1491-2.

Gastroenterology and Hepatology

Peer-Reviewed Articles: continued

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*Nojkov B, **Cappell MS**. Gastrointestinal bleeding from Dieulafoy's lesion: Clinical presentation, endoscopic findings, and therapy. *World J Gastrointest Endosc.* 2015 Apr 16;7(4):295-307.

Purohit T, Cappell MS. Primary biliary cirrhosis: Pathophysiology, clinical presentation, and therapy. *World J Hepatol.* 2015 May 8;7(7):926-41.

Sharma N, **Cappell MS**. Gastrointestinal and hepatic manifestations of Ebola virus infection. *Dig Dis Sci.* 2015 Sep;60(9):2590-603.

Singh D, **Purohit T, Batke M, Dixit P, Cappell M**. Durable hemostasis after embolization for massive arterial bleeding after percutaneous radiologic gastrostomy: Salvage of original gastrostomy tube for enteral feeding for eight months after embolization. *Minerva Gastroenterol Dietol.* 2015 Sep;61(3):175-8.

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Gjeorgjievski M, **Mogrovejo E, Cappell MS**, Amin M. Systemic AL-amyloidosis initially presenting as an isolated gastroesophageal junction amyloidosis. *Am J Gastroenterology* 2015 October; 109(suppl 1):s255 (abstract 581) P289. American College of Gastroenterology Annual Convention, Honolulu, HI, October 18, 2015.

Gjeorgjievski M, *Nojkov B, Kazanji N, **Cappell MS**, Amin M. Helicobacter heilmannii gastritis in a young patient with recent Clostridium difficile infection, without presence of associated risk factors. *Am J Gastroenterology* 2015 October; 109(suppl 1):s528-529, P690. (abstract 1198). American College of Gastroenterology Annual Convention, Honolulu, HI, October 18, 2015.

Mehta NS, **Manuballa V, Cappell MS**. Cannabis hyperemesis syndrome: Analysis of 33 patients. Michigan Branch of American College of Physicians Annual Convention, July 2015.

Mendoza S, *Nojkov B, **Cappell MS**. Endoscopists do not exhibit economic discrimination in scheduling earlier surveillance colonoscopy based on higher insurance payments: A study of 136 consecutive colonoscopies at William Beaumont Hospital. *Am J Gastroenterol* Oct 2015; 110 (suppl. 1):s561. (abstract 1275). American College of Gastroenterology Annual Convention, Honolulu, HI, October 18, 2015.

Mendoza S, **Cappell MS**. A quantitatively large and highly statistically significant correlation between hypertension and colonic diverticulosis: Proposed pathophysiology and clinical significance. *Am J Gastroenterol.* Oct 2015; 110 (suppl. 1):s560 (abstract 1274).

Gastroenterology and Hepatology

Abstracts with Associated Research Presentations:

Mogrovejo E, Gjeorgievski M, **Cappell MS**. Coexistence of hepatocellular carcinoma and small lymphocytic lymphoma in the absence of pre-damaged liver parenchyma: Case report and review of literature. *Am J Gastroenterol*. Oct 2015; 110 (suppl. 1):s385 (abstract 891). American College of Gastroenterology Annual Convention, Honolulu, HI, October 18, 2015.

Mogrovejo E, Gjeorgievski M, **Cappell MS**. Dental injuries from EGD: Report of three cases and literature review. *Am J Gastroenterol*. Oct 2015; 110 (suppl. 1):s212. (abstract 490).

Sharma N, Sao R, Mehta D, **Cappell MS**. Incidence of metabolic syndrome and outcomes of STEMI among 3,107 patients with NASH versus controls without NASH. Annual American Gastroenterology Association, Washington, DC, May 17, 2015.

Sharma N, **Cappell MS**, Mehta D, Sao R, Bhalala M, Israel Y, et al. Trends in incidence, management, and outcomes of acetaminophen overdose in the United States. *Am J Gastroenterol*. Oct 2015; 110 (suppl. 1):s974-975. (abstract 2345). American College of Gastroenterology Annual Convention, Honolulu, HI, October 18, 2015.

Singh D, *Manickam P, **Manuballa V**, **Cappell MS**. Biliary ascariasis mimicking biliary sludge on abdominal ultrasound: Diagnosis and worm extraction during side-viewing endoscopy at ERCP. *Am J Gastroenterol*. Oct 2015; 110 (suppl. 1):s60-s61 (abstract 142). American College of Gastroenterology Annual Convention, Honolulu, HI, October 18, 2015.

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GENERAL INTERNAL MEDICINE

Peer-Reviewed Articles:

Bennani-Baiti B, **Yadav S**, Flynt L, *Bennani-Baiti N. Value of positron emission tomography in diagnosing subcutaneous panniculitis-like T-cell lymphoma. J Clin Oncol. 2015 Apr 1;33(10):1216-7.

Gjeorgjievski M, Amin M, Cappell M. Characteristic clinical features of Aspergillus appendicitis: Case report and literature review. World of J Gastroenterol. 2015 Nov 28;21(44):12713-21.

Gjeorgjievski M, Purohit T, Amin M, Kurtin P, Cappell M. Upper gastrointestinal bleeding from gastric amyloidosis in a patient with smoldering multiple myeloma. Case Rep Gastrointest Med. 2015;2015:320120.

Kazanji N, *Al Assad W, **Gjeorgjievski M**, Thalla R. Extreme hypernatremia (254 mmol/L) and electrocardiogram findings. International Urology and Nephrology, published online April 11, 2015.

Kazanji N, **Gjeorgjievski M**, **Yadav S**, Lauter C, **Mertens A**. Monomicrobial vs. polymicrobial clostridium difficile bacteremia: A case report and review of the literature. J Med. 2015 Sep;128(9):e19-26.

Marinos A, Celedonio J, Ramirez C, Gottlieb J, Gamboa A, Hui N, Yu C, et al. Time-course analysis of flow mediated dilation for the evaluation of endothelial function after a high-fat meal in African Americans. J Am Heart Assoc, published online November 5, 2015.

Yadav D, **Yadav S**, **Chisti MM**. A rare case of metastasis of small cell carcinoma of cervix to breast. World Journal of Oncology. 2015 Feb;6(1):301-3.

Abstracts with Associated Research Presentations:

Alhalabi O, Gittleman H, Merkulova A, Stavrou E, Veigl M, Barnholtz-Sloan J, et al. KLKB1 and PRCP polymorphisms as risk factors for cardiovascular disease. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Alhalabi O, Zaiem F, Toushan M, Soursaris N, Osman M, Kaminoulu P. A rare cause of weight gain: Pseudomyxoma peritonea. Michigan State Medical Society (MSMS) Annual Scientific Meeting 2015, Troy, MI, October 21-24, 2015.

Alperin J, **Golenbiewski J**, Skender J. An unexpected cause of acute hearing loss. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Aneese A, *Nasr J, *Al Assad W, **Halalau A**, **Falatko J**. Assessment of the integration of evidence based medicine (CQI/EBM) into an internal medicine residency program. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Berry A, **Garg L**. Benign metastasis: An existing contradiction. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Cristea E, Ali-Ahmed F, **Marijanovich N**. "Morgellons disease"....Gone too far! Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Garg L, Zarouk S. Renal amyloidosis associated with apolipoprotein C-II deposition. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Gierer J. If at first you don't succeed, try and try again: A case of refractory prolactinoma. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Ginoya S, **Kazanji N**, Kellerman P. From simple to complicated in 5 liters! Hyponatremia and post-obstructive diuresis. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Gjeorgjievski M, **Sultan R**, **Lohani S**, **Osman M**, **Kazanji N**. Rare cause of acute renal failure: Retroperitoneal fibrosis from aortic leak. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Gjeorgjievski M, **Garg L**, Desai T. Iatrogenic massive gastrointestinal bleeding: A rare cause. American College of Gastroenterology (ACG) 80th Annual Scientific Meeting, Honolulu, HI, October 16-21, 2015.

Gjeorgjievski M, Nojkov B, **Kazanji N**, Amin M, Cappell M. Helicobacter heilmannii gastritis in a young patient with recent clostridium difficile infection, without presence of associated risk-factors. American College of Gastroenterology (ACG) 80th Annual Scientific Meeting, Honolulu, HI, October 16-21, 2015.

Gjeorgjievski M, Purohit T, Amin M, Patel A. Primary adenocarcinoma of the cecum: A rare entity. American College of Gastroenterology (ACG) 80th Annual Scientific Meeting, Honolulu, HI, October 16-21, 2015.

Gjeorgjievski M, Mogrovejo E, Cappell M, Amin M. Systemic AL-Amyloidosis initially presenting as an isolated gastroesophageal junction. American College of Gastroenterology (ACG) 80th Annual Scientific Meeting, Honolulu, HI, October 16-21, 2015.

Gjeorgjievski M, **Shelden D**, **Makki I**, *Paudel S, **Pokharel R**. Till death do us part: A story of rapid opioid detoxification gone wrong. Michigan State Medical Society (MSMS) Annual Scientific Meeting 2015, Troy, MI, October 21-24, 2015.

Gjeorgjievski M, **Marijanovich N**, Haberichter K, Qu Z. Unfortunate diagnosis with an exceptionally rare cancer. Michigan State Medical Society (MSMS) Annual Scientific Meeting 2015, Troy, MI, October 21-24, 2015.

Gniado E, **Garg L**, Haines D. Atrial fibrillation and end stage renal disease: A lethal combination. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Golenbiewski J. Azithromycin-induced torsade de pointes: A rare but real risk. National American College of Physicians (ACP), Boston, MA, April 30-May 2, 2015.

Golenbiewski J, Shelden D, Swami A, Halalau A. Nephrogenic systemic fibrosis: Is there more to the equation? Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Gualdoni J, Koneru, H. A “brush” with death: Opportunistic infection in an immunocompetent patient. Michigan Thoracic Society, Novi, MI, March 27, 2015. **Awarded second place, case abstract.**

Gualdoni J. Making the cut: How many lead extractions can heart withstand. American College of Physicians (ACP) Resident’s Day Meeting, Troy, MI, May 22, 2015.

Gualdoni J. Stroke-like symptoms in a 22-year-old: Something to “abscess” over. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Haroon S. Survival in a case of severe hypernatremia causing prune-like cerebral shrinkage and miliaria crystallina. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Holmes B, Schuiteman E, Niculescu O. A rare case of Behcet’s disease presenting without oral ulcers. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Isaac D. Hepatitis associated aplastic anemia. American College of Physicians (ACP) Resident’s Day Meeting, Troy, MI, May 22, 2015.

Jayaschandran V, Khoury J. Isolated asymptomatic cryptococcuria in an immunocompetent patient. Michigan State Medical Society (MSMS) Annual Scientific Meeting 2015, Troy, MI, October 21-24, 2015.

Karnib S, Makki I. Typical chest pain: May not always be what you expect. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

***Kassier A.** Recurrent strokes in a patient with metastatic urothelial transitional blastocytomas. American College of Physicians (ACP) Resident’s Day Meeting, Troy, May 22, 2015.

Kazanji N. A case of invasive cytomegalovirus duodenitis in an immunosuppressed patient 15 months after renal transplantation. 45th Annual Residents’ and Fellows’ Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

Kazanji N. A case of monomicrobial clostridium difficile bacteremia. 45th Annual Residents’ and Fellows’ Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

Kazanji N. Comparison of physical examination findings documentation between paper and electronic health records. 45th Annual Residents’ and Fellows’ Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Kazanji N, Lohani S, Qu L, Boyanton BL Jr, Carpenter C. Epidemiology, risk factors, and outcomes of non-influenza versus influenza respiratory viruses. ID Week Annual Meeting, San Diego, CA, October 7-11, 2015.

Kazanji N, Yadav S, Sousaris N, Lauter C. Oh, the places you'll go! A tale of *C. difficile* bacteremia. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Kazanji N, Yadav S, *KC N, *Paudel S, Falatko J, Barnes M. The battle between paper and electronic health records continues: A quality improvement project comparing accuracy of physical examination documentation between paper and electronic charts. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

***KC N.** Development of gastric cancer in pernicious anemia. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Keeney S, Ali-Ahmed F, Lauter C. Sidetracked by sexual orientation. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Khaddam S. Lymphoma transforming into a higher grade and presenting as an anterior and posterior hypopituitarism. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Khaddam S, Shoichet S. Acquired factor VIII inhibitor presenting as a medical emergency. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Khaddour L, Ladkany R, Anderson J. Pancreatic cancer: What else other than adenocarcinoma? Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Khanal P. Rasburicase induced methemoglobinemia and hemolysis in a patient with previously undiagnosed G6PD deficiency. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Khanal P, *Fardous Y, Bennani N, Mammo D. Eosinophilic granulomatosis with polyangiitis (EGPA) mimicking acute coronary syndrome. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Khoury Abdulla R. Severe mitral valve regurgitation as the initial presentation of systemic vasculitis. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Khoury Abdulla R, Khoury Abdulla P. A mystery case of vasculitis: A rare but treatable serious disease. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Khoury Abdulla R. When esophagogastroduodenoscopy (EGD) is not the right thing to do. American College of Gastroenterology (ACG) 80th Annual Scientific Meeting, Honolulu, HI, October 16-21, 2015.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Klein R, Kazanji N, Mertens A, Carpenter C. A sticky situation: A case of hypermucoviscous. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Koneru H, Mina N. Bilateral nodular opacities with adenopathy. An unusual presentation of a fatal cancer. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Kwon M. Acute monocular blindness in an intravenous drug user. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Kwon M. Prescribing pattern of dual antiplatelet therapy for NSTEMI/UA at Beaumont Hospital: A quality improvement project. 44th Annual Residents' and Fellows' Research Forum, Royal Oak, MI, June 2, 2015. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Ladkany R, Marinos A, Pereira-Rodrigues O, Khaddour L, Isaac D, Yadav S. Trends in the incidence and survival of ovarian cancer: An analysis of the SEER database. J Clin Oncol, Vol 33, No 15 suppl (May 20 Supplement), 2015: e16587. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL, May 29-June 2, 2015.

Lohani S, Kazanji N. Diarrhea in a patient with colectomy: Should we still consider clostridium difficile? Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Lohani S, Kazanji N, Kazanji B, Chen C, **Yadav S.** Comparisons of outcomes between patients with neutropenic fever secondary to chemotherapy and patients with neutropenic fever due to other etiologies. American Medical Association Research Symposium, Orlando, FL, November 13, 2015.

*McAlister J, **Dekhne N, Yadav S,** Zakalik D, Lowry H, DeLaere A. Surgical decisions of newly diagnosed breast cancer patients following genetic referral. J Clin Oncol. 33, 2015 (suppl 28S). American Society of Clinical Oncology (ASCO) Breast Cancer Symposium, San Francisco, CA, September 25-27, 2015.

Marinos A. Cold agglutinin hemolysis in a young patient with Waldenstrom's macroglobulinemia. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Mercado-Alamo A. Idiopathic chronic eosinophilic pneumonia causing persistent fevers and cough in a patient with dysautonomia. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Mercado-Alamo A, Pereira-Rodrigues O. Bortezomib as a cause of reversible decrease in left ventricular ejection fraction and cardiac arrest in a patient with multiple myeloma without known cardiac disease. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Mertens A. A (VF) storm is coming: Differentiating between brugada syndrome and brugada pattern. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Mertens A, Isaac D. It's not all in the numbers: An unusual presentation of pulmonary leukostasis in acute leukemia. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Mogrovejo E. Abdominal pain? How broad is your differential diagnosis? American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Mogrovejo E, Pereira-Rodrigues O, Alsibae M, Desai T. Role of phlebotomy and iron depletion in the incidence of hepatocellular carcinoma in patients with chronic hepatitis C. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

***Nasr J.** Prospective assessment of the integration of evidence based medicine (EBM) into an Internal Medicine residency program. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015. **Awarded 1st Place Tie Winner in Medical Education Research.**

Otoupalova E. A case of mysterious rash and an unexpected diagnosis. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Otoupalova E, *Kassier A, Mina N. When congestive heart failure is not even heart failure. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Osman M, Kaminoulu P, Mogrovejo E, **Berghea R.** Pneumocystis jirovecii pneumonia with atypical cavitory presentation in patients with AIDS. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Pandya M. You're tearing up my heart! Spontaneous coronary artery dissection as a rare cause of myocardial infarction in young women. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Pandya M, Falatko J, Shoichet S. Postpericardiectomy syndrome: A peculiar yet easily remedied post-CABG malady. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Schuiteman E. Not just another sparkling CT scan: Basal ganglia calcification-induced Parkinsonism. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Schuiteman E, Niculescu O, Ospina L. Mixed signals: A confounding case of a pituitary macroadenoma associated with ectopic-type Cushing's disease. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Singh D, Manickam P, Manuballa V, Cappell M. Biliary ascariasis mimicking biliary sludge on abdominal ultrasonography: Diagnosis and worm extraction by snare during side-viewing endoscopy at ERCP. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015. American College of Gastroenterology (ACG) 80th Annual Scientific Meeting, Honolulu, HI, October 16-21, 2015.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Singh D, Sage R, Cappell, M, Amin M. Isolated GI Aspergillosis presenting as dysphagia from an esophageal ulcer in an immunocompetent host. American College of Gastroenterology (ACG) 80th Annual Scientific Meeting, Honolulu, HI, October 16-21, 2015.

***Skaistis J**. Risk of fatal bleeding in episodes of major bleeding with new oral anticoagulants and vitamin k antagonists: A systemic review and meta-analysis. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

Sultan R. Pain out of proportion to exam: Consider necrotizing fasciitis! American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Sultan R, Garg L, Gniado E, Ospina L. Cyclic Cushing syndrome due to ectopic ACTH production: Searching for a needle in a haystack. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Tagami T, Khoury Abdulla R, Marijanovich N. Acute aortic regurgitation in a dialysis patient. National ACP, Boston, MA, April 30-May 2, 2015.

Tagami T. An unusual diagnosis in a patient with vertigo and nystagmus. American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Tagami T, Mertens A, Hasbrook M, **Davila F**. Septic emboli: A case for good oral hygiene. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Wang L, Brunelli B, Spero K. Sahni V. Dangers of using online supplements: The hazards of withdrawing from psychotropic drugs. Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Yadav D. Hypogammaglobulinemia: A harbinger for acute kidney injury! American College of Physicians (ACP) Resident's Day Meeting, Troy, MI, May 22, 2015.

Yadav D, Tominna M, Patel N, **Pokharel R**. Dermatomyositis: An uncommon cause of interstitial lung disease Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Yadav S, *Dreyfuss H, *Fulbright J, **Reeves A, Campian S**, Zakalik D. Impact of race and age on choice of surgery in newly diagnosed breast cancer patients who tested negative for BRCA 1/2 mutation. 106th Annual Meeting of the American Association for Cancer Research, Philadelphia, PA, April 18-22, 2015. Philadelphia (PA): AACR; Cancer Res 2015;75(15 Suppl).

Yadav S, *Fulbright J, *Dreyfuss H, **Reeves A, Campian S**, *Thomas V, et al. Outcomes of retesting BRCA-negative patients using multi gene panels. J Clin Oncol 33, 2015 (Suppl 28S; abstr 23). American Society of Clinical Oncology (ASCO) Breast Cancer Symposium, San Francisco, CA, September 25-27, 2015.

Yadav S, Isaac D, Zakalik D. Male breast cancer receptor sub-types: Demographics, tumor characteristics and short term survival outcomes. Annals of Oncology. 2015 May 1;26(suppl 3):iii24-24. IMPAKT Breast Cancer Conference, Brussels, Belgium, May 7-9, 2015.

General Internal Medicine

Abstracts with Associated Research Presentations: continued

Yadav S, Pereira-Rodrigues O, *Dohany L, *Dreyfuss H, *Fulbright J, Reeves A, et al.
Experience of pre-operative genetic testing on surgical decision making in newly diagnosed breast cancer patients. Cancer Res. 2015;75(9 Suppl):P4-12-13.

GERIATRICS

Peer-Reviewed Articles:

Danuta M, Lusic S. Informed consent for psychotropic medications: A novel approach to influencing physicians' behavior. JAMDA. 2015 Dec 1;16(12):1097-9.

Invited Research Presentations:

Khaled I. Successful aging. Oak Park Community Center, Oak Park, MI, October 2015.

HEMATOLOGY / ONCOLOGY

Peer-Reviewed Articles:

Al-Faham Z, Al-Katib S, **Jaiyesimi I**, Bhavnagri S. Evaluation of a case of inflammatory breast cancer with 18F-FDG PET/CT. *J Nucl Med Technol*. 2015 Dec;43(4):289-91.

Bennani-Baiti B, Yadav S, Flynt L, **Bennani-Baiti N**. Value of positron emission tomography in diagnosing subcutaneous panniculitis-like T-cell lymphoma. *J Clin Oncol*. 2015 Apr 1;33(10):1216-7.

Fawole A, Abonour R, **Stender M**, **Gaikazian S**, **Anderson J**, **Jaiyesimi I**, et al. Is it time for preemptive drug treatment of asymptomatic (smoldering) multiple myeloma? *Leuk Lymphoma*. 2015 Jan;56(1):34-41.

Francis PA, Regan MM, Fleming GF, Láng I, Ciruelos E, **Zakalik D**, et al. Adjuvant ovarian suppression in premenopausal breast cancer. *N Engl J Med*. 2015 Jan 29;372(5):436-46.

Karlan B, Eng C, Gilchrist D, Neuhausen SL, Eisen A, **Zakalik D**, et al. Risk factors for endometrial cancer among women with a BRCA1 or BRCA2 mutation: A case control study. *Fam Cancer*. 2015 Sep;14(3):383-91.

Kotsopoulos J, Lubinski J, Gronwald J, Cybulski C, Demsky R, **Zakalik D**, et al. Factors influencing ovulation and the risk of ovarian cancer in BRCA1 and BRCA2 mutation carriers. Hereditary Breast Cancer Clinical Study Group. *Int J Cancer*. 2015 Sep 1;137(5):1136-46.

Lanni TB Jr, Stevens C, Farah M, Boyer A, Davis J, **Akhtar A**, et al. Early results from the implementation of a lung cancer screening program: The Beaumont Health System Experience. *Am J Clin Oncol*, published online December 8, 2015.

Ogunleye F, **Ibrahim M**, **Stender M**, Kalemkerian G, **Jaiyesimi I**. Epidermal growth factor receptor tyrosine kinase inhibitors in advanced non-small cell lung cancer: A paradigm shift in stage IV non-small cell lung cancer treatment. *Am J Hem Onc*. 2015 Jan;11(1):16-25.

Ogunleye F, **Glick A**, **Stender M**, **Jaiyesimi I**. Bruton tyrosine kinase inhibitors and management of chronic lymphocytic leukemia: A new agent with a great promise. *Clin Lymphoma Myeloma Leuk*, published online November 22, 2015.

Petrucelli N, Mange S, Fulbright JL, Dohany L, **Zakalik D**, Duquette D. To reflex or not: Additional BRCA1/2 testing in Ashkenazi Jewish individuals without founder mutations. *J Genet Couns*. 2015 Apr;24(2):285-93.

Semple J, Metcalfe KA, Lubinski J, Huzarski T, Gronwald J, **Zakalik D**, et al. Does the age of breast cancer diagnosis in first-degree relatives impact on the risk of breast cancer in BRCA1 and BRCA2 mutation carriers? Hereditary Breast Cancer Clinical Study Group. *Breast Cancer Res Treat*. 2015 Nov;154(1):163-9.

Hematology / Oncology

Book Chapter or Full Book Publications:

Jardines L, Goyal S, Royce M, **Jaiyesimi I**, Goldfarb SB. Stages III and IV breast Cancer. In: Haller D, Wagman LD, Camphauser KA, Hoskins WJ, editors. Cancer management: a multidisciplinary approach: medical, surgical & radiation oncology.[Internet] 2015. [cited August 11, 2016] Available from:

<http://cancernetwork.com/cancermanagement/stages-iii-and-iv-breast-cancer>

Abstracts with Associated Research Presentations:

Bennani N, Isaac D, **Jaiyesimi I**. A case of hepatitis-associated aplastic anemia in an adult. 45th Annual Beaumont Health Residents' and Fellows' Research Forum, Royal Oak, MI, June 2, 2015.

Fawole A, **Ogunleye F**, **Rana J**, **Anderson JM**, **Ibrahim M**, **Huben MT**, et al, [**Gaikazian S**, **Zakalik D**, **Jaiyesimi O**]. Colorectal cancer in patients 50 years and younger: The Beaumont Health System Experience. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI June 2, 2015. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL, May 29-June 2, 2015.

Ibrahim M, **Rana J**, **Ogunleye F, MD**, **Fawole A**, **Glick A**, **Zakalik D**, et al, [**Gaikazian S**, **Stender M**, **Anderson J**, **Huben M**, **Jaiyesimi I**, **Akhtar A**]. Representation of minorities in clinical trials conducted at William Beaumont Hospital Community Clinical Oncology Program (CCOP) and Cancer Clinical Trials Office (CCTO). 45th Annual Beaumont Health Residents' and Fellows' Research Forum, Royal Oak, MI, June 2, 2015.

Ladkany R, Marinos A, Pereira-Rodrigues O, Khaddour L, Isaac D, Yadav S, et al, [**Zakalik D**]. Trends in the incidence and survival of ovarian cancer: An analysis of the SEER database. J Clin Oncol, Vol 33, No 15 suppl (May 20 Supplement), 2015: e16587. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL, May 29-June 2, 2015.

*McAlister J, Dekhne N, **Yadav S**, **Zakalik D**, Lowry H, DeLaere A. Surgical decisions of newly diagnosed breast cancer patients following genetic referral. J Clin Oncol. 33, 2015 (suppl 28S). American Society of Clinical Oncology (ASCO) Breast Cancer Symposium, San Francisco, CA, September 25-27, 2015.

Ogunleye F, Huang J, **Mohammed I**, Allen E, Brennan N, **Jaiyesimi I**. Diagnostic significance of screening for BCR-ABL1 by PCR in patients with neutrophilia. The William Beaumont Hospital experience. Society of Hematology Oncology Annual Meeting, Houston, TX, September 16-19, 2015.

Yadav S, *Dreyfuss H, *Fulbright J, Reeves A, Campian S, **Zakalik D**. Impact of race and age on choice of surgery in newly diagnosed breast cancer patients who tested negative for BRCA 1/2 mutation. 106th Annual Meeting of the American Association for Cancer Research, Philadelphia, PA, April 18-22, 2015. Cancer Res 2015;75(15 Suppl).

Yadav S, *Fulbright J, *Dreyfuss H, Reeves A, Campian S, *Thomas V, **Zakalik D**. Outcomes of retesting BRCA-negative patients using multi gene panels. J Clin Oncol. 2015; 33 (Suppl 28S; abstr 23).

Hematology / Oncology

Abstracts with Associated Research Presentations:

Yadav S, Isaac D, **Zakalik D**. Male breast cancer receptor sub-types: Demographics, tumor characteristics and short term survival outcomes. *Annals of Oncology*. 2015 May 1;26(suppl 3):iii24-24.

Yadav S, Pereira-Rodrigues O, *Dohany L, *Dreyfuss H, *Fulbright J, et al, [**Zakalik D**]. Experience of pre-operative genetic testing on surgical decision making in newly diagnosed breast cancer patients. *Cancer Res*. 2015;75(9 Suppl):P4-12-13.

INFECTIOUS DISEASES

Peer-Reviewed Articles:

Aggarwal A, Smith JL, Chinnaiyan KM, Mehta N, Boura JA, Abdulla RK, et al, [**Lauter CB**]. β -Blocker premedication does not increase the frequency of allergic reactions from coronary CT angiography: Results from the Advanced Cardiovascular Imaging Consortium. *J Cardiovasc Comput Tomogr*. 2015 Jul-Aug;9(4):270-7.

Freij JB, **Freij BJ**. The earliest account of human crtypococcosis (Busse-Buschke Disease) in a woman with chronic osteomyelitis of the tibia. *Pediatr Infect Dis J*. 2015 Nov;34(11):1278.

Kauf TL, McKinnon P, Corey GR, Bedolla J, Riska PF, **Sims MD**, et al. An open-label, pragmatic, randomized controlled clinical trial to evaluate the comparative effectiveness of daptomycin versus vancomycin for the treatment of complicated skin and skin structure infection. *BMC Infect Dis*. 2015 Nov 7;15:503.

Kazanji N, Gjeorgjievski M, Yadav S, Mertens AN, **Lauter C**. Monomicrobial vs polymicrobial clostridium difficile bacteremia: A case report and review of the literature. *Am J Med*. 2015 Sep; 128(9):e19-26.

Ma F, Rehman A, **Sims MD**, Zeng X. Antimicrobial susceptibility assays based on the quantification of bacterial lipopolysaccharides via a label free lectin biosensor. *Anal Chem*. 2015;87(8):4385-93.

Book Chapter or Full Book Publications:

Band J. Diagnosis of central venous catheter infections. In: Post, TW, editor. UpToDate. [Internet] Waltham, MA: UptoDate, 2015. [cited August 11, 2016] Available from <http://www.uptodate.com>

Band J, Gaynes R. Prevention of intravenous catheter-related infections. In: Post, TW, editor. UpToDate. [Internet] Waltham, MA: UptoDate, 2015. [cited August 11, 2016] Available from <http://www.uptodate.com>

Band J. Treatment of intravascular catheter-related infections. In: Post, TW, editor. UpToDate. [Internet] Waltham, MA: UptoDate, 2015. [cited August 11,2016] Available from <http://www.uptodate.com>

Carpenter CF, Gilpin N. Candidiasis. In: Schlossberg, D, editor. *Clinical Infectious Diseases* 2nd ed. Cambridge, UK: Cambridge University Press, 2015. p.1104-1112.

Abstracts with Associated Research Presentations:

Levine ZT, Skrzynski AK, McCaffrey N, Makin J, **Sims MD**. Predicting increased resistance of gram-negative infections (PIROGI). Infectious Diseases Society of America Annual Meeting, San Diego, CA, October 7-11, 2015.

Infectious Diseases

Abstracts with Associated Research Presentations: (continued)

Hong L, **Sims MD**. Appropriateness of clostridium difficile therapy for inpatient treatment (ACTFIT). American College of Physicians Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Kazanji N, Sadichhya L, Qu L, Boyanton BL Jr, **Carpenter CF**. Epidemiology, risk factors, and outcomes of non-influenza versus influenza respiratory viruses. Infectious Diseases Society of America Annual Meeting, San Diego, CA, October 7-11, 2015.

Mason V, **Sims MD**. How well do we follow the UTI guidelines for patients discharged from the emergency center? American College of Physicians Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

Sweet E, McCaffrey N, Makin J, **Sims MD**. Location, location, location: Origin of the patient predicts variations in antibiotic resistance among gram-negatives. American College of Physicians Michigan Chapter Scientific Meeting, Acme, MI, September 25-27, 2015.

NEUROLOGY

Peer-Reviewed Articles:

Arndt DH, Goodkin HP, Giza CC. Early posttraumatic seizures in the pediatric population. *J Child Neurol*, published online January 6, 2015.

Crisostomo AC, Dang L, Digambaranath JL, **Klaver AC**, **Loeffler DA**, Payne JJ, et al. Kinetic analysis of IgG antibodies to beta-amyloid oligomers with surface plasmon resonance. *Anal Biochem*. 2015 Jul;481:43-54.

Crisostomo AC, Dang L, Digambaranath JL, **Klaver AC**, **Loeffler DA**, Payne JJ, et al. Biophysical characterization data on A β soluble oligomers produced through a method enabling prolonged oligomer stability and biological buffer conditions. *Data Brief*. 2015 Aug 6;4:650-8.

Esteves-Villanueva JO, Trzeciakiewicz H, **Loeffler DA**, Martić S. Effects of tau domain-specific antibodies and intravenous immunoglobulin on tau aggregation and aggregate degradation. *Biochemistry* 2015 Jan 20;54(2):293-302.

Loeffler DA, Smith LM, **Klaver AC**, Martic S. Effects of antibodies to phosphorylated and non-phosphorylated tau on in vitro tau phosphorylation at Serine-199: Preliminary report. *Exp Gerontol* 2015 Jul;67:15-8

Loeffler DA, **Klaver AC**, Coffey MP. ELISA measurement of specific antibodies to phosphorylated tau in intravenous immunoglobulin products. *Int Immunopharmacol*. 2015 Oct;28(2):1108-12.

Loeffler DA, Smith LM, Coffey MP, Aasly JO, LeWitt PA. CSF Nrf2 and HSPA8 in Parkinson's disease patients with and without LRRK2 gene mutations. *J Neural Transm (Vienna)*, published online November 3, 2015.

Yang A, **Arndt DH**, Berg RA, et al. Development and validation of a seizure prediction model in critically ill children. *Seizure*. 2015 Feb;25:104-11.

Book Chapter or Full Book Publications:

Verma N. Dementia and Alzheimer's disease. In: Uddin, Z, editor. Monograph on clinical diagnosis, Volume I. Family and community health. [Internet] [cited August 11, 2016] Available from: <http://www.telemededu.org>

Abstracts with Associated Research Presentations:

Mahajan A, Schwalb J, LeWitt P, Schonberger M, Ellenbogen A, **Taylor D**, et al. Intraoperative MRI for deep brain stimulation lead placement in Parkinson's disease: One year motor and quality of life outcomes. Movement Disorder Society 19th International Congress of Parkinson's Disease and Movement Disorders, San Diego, CA, June 14-18, 2015.

Neurology

Abstracts with Associated Research Presentations: continued

Sidiropoulos, C, LeWitt P, Mahajan A, Schonberger M, Ellenbogen A, **Taylor D**, et al. Intraoperative MRI for deep brain stimulation lead placement in Parkinson's disease: One year motor and neuropsychological outcomes. Movement Disorder Society 19th International Congress of Parkinson's Disease and Movement Disorders, San Diego, CA, June 14-18, 2015.

Invited Research Presentations:

Menkes DL. Diagnostic assessment and treatment of peripheral neuropathic pain. Hubei-Hunan Annual Rehabilitation Conference. Wuhan, People's Republic of China, October 22, 2015.

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

Grysiewicz R. Contributor to FASTER video posted on Beaumont public website. October 2015. Available from: <http://www.beaumont.edu/neuroscience/neurological-conditions-disorders/stroke/stroke-symptoms/>

Grysiewicz R. Beaumont blog post on FASTER and stroke awareness. Beaumont Health, August 10, 2015. Available from: <http://blog.beaumont.edu/2015/08/is-it-a-stroke-think-faster/>

Grysiewicz R. FASTER video on Beaumont YouTube channel. September 2015. Available from: <https://www.youtube.com/watch?v=wkXJOUe5G60>

NUTRITION and PREVENTIVE MEDICINE

Book Chapter or Full Book Publications:

Franklin BA, **Miller WM**, *Juliao TR. Effect of lifestyle interventions on coronary heart disease risk in patients with diabetes. In: McGuire DK, Marx N, editors. Diabetes in cardiovascular disease: a companion to Braunwald's heart disease. Philadelphia: Elsevier Saunders, 2015. p. 39-154.

Franklin BA **Miller WM**, McCullough PA. The metabolic syndrome. In: Bryant CX, Green DJ, editors. ACE Medical exercise specialist manual. San Diego: CA: American Council on Exercise, 2015. p. 344-360.

Abstracts with Associated Research Presentations:

Lynch A, Powell A, **Zalesin KC**, McGowan E. Preparing, training, and practicing: Motivations and influences on dietary behavior change among patients preparing for bariatric surgery. International Society for Behavioral Nutrition and Physical Activity Annual Conference, Edinburgh, Scotland, June 3-6 2015.

Lynch A, McGowan E, **Zalesin KC**, Powell A. Explaining weight histories: Creating and using timelines in qualitative research as a data analysis method and interview technique. International Society for Behavioral Nutrition and Physical Activity Annual Conference, Edinburgh, Scotland, June 3-6 2015.

Miller WM, Vial E, **Zalesin KC**, **Nori Janosz KE**, **Vial CS**, **Lee DY**, et al, [**Klenczar M**]. Sustaining lifestyle change: Weight maintenance of obese individuals participating in a long-term program. The Obesity Society and the American Society of Metabolic and Bariatric Surgery Annual Scientific Meeting, Los Angeles, CA, November 4, 2015.

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Kachoria J, **Miller WM**. Factors associated with body composition changes in obese adults following bariatric surgery. Oakland University William Beaumont School of Medicine Capstone, Royal Oak, MI, March 2015.

PHYSICAL MEDICINE AND REHABILITATION

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Abstracts with Associated Research Presentations:

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Ysunza A. Speech pathology treatment in patients with craniofacial anomalies. *International Symposium of Cleft Palate and Craniofacial Anomalies*. Vina del Mar, Chile, South America. October 7-12, 2015.

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Abstracts with Associated Research Presentations: (continued)

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Non Peer-Reviewed Publications:

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Capone A Jr. Retinal detachments after intravitreal anti-VEGF injections for retinopathy of prematurity, pediatric expert panel. 33rd Annual Meeting of the American Society of Retina Specialists, Vienna, Austria, July 11-14, 2015.

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Hassan T. Where does vitrectomy fit in our treatment paradigm for diabetic macular edema when we have so many injections? Advanced Vitreous Surgery Course, Tokyo, Japan, October 3-4, 2015.

Hassan T. Comparing modes of intravitreal steroid delivery at the time of vitrectomy for epiretinal membrane. Advanced Vitreous Surgery Course in Tokyo, Tokyo, Japan, October 3-4, 2015.

Hassan T. Contralateral eye-to-eye comparison of intravitreal injection of ranibizumab and a dexamethasone implant in chronic diabetic macular. 48th Annual Scientific Meeting of the Retina Society. Retina Subspecialty Day, American Academy of Ophthalmology 2015 Annual Meeting. My Coolest Surgical Videos, Las Vegas, NV, November 13-17, 2015.

Hassan T. EUROLAM, liquid perfluorocarbon found in the strangest places. American Academy of Ophthalmology Annual Meeting, Las Vegas, NV, November 13-17, 2015.

Hassan T. Direct comparison of intravitreal ranibizumab and dexamethasone implant for the treatment of diabetic macular edema in matched eyes of the same patients. The current and future state of portable vitrectomy, Florence, Italy, December 10-13, 2015.

Rao P, *Abbey A, Shah AA, Yonekawa Y, *Shah AR, Faia LJ. Prevalence and surgical outcomes of macular holes in eyes with age-related macular degeneration. American Academy of Ophthalmology Annual Meeting, Las Vegas, NV, November 13-17, 2015.

Ruby A. Practice metrics in a busy retina practice. American Society of Retina Specialists (ASRS) Practice Management Meeting, Dallas, TX, April 2015.

***Shah AR, *Abbey A, Yonekawa Y, Khandan S, Wolfe J, Trese MT, et al, [Williams GA, Capone A Jr].** Wide-field angiography in patients without peripheral disease: A study of normal peripheral findings. American Academy of Ophthalmology 2015 Annual Meeting, Las Vegas, NV, November 13-17, 2015.

Trese MT, Lee PP, Woodward MA, Besirli CG, Capone A Jr, Drenser KA. Ophthalmic telemedicine 2015. American Academy of Ophthalmology 2015 Annual Meeting, Las Vegas, NV, November 13-17, 2015.

Trese MT. Peripheral retinal vascular findings in adults and children angiogenesis, exudation, and degeneration. Bascom Palmer Eye Institute Symposium, Miami, FL, February 2015.

Ophthalmology

Invited Research Presentations: continued

Trese MT. Telemedicine in retinopathy of prematurity. 113th Annual National Medical Association Meeting, Axel Hansen Memorial Lecture, Cobo Convention Center, Detroit, MI, August 1, 2015.

Trese MT. Familial exudative vitreoretinopathy. Pharmacologic Vitreolysis. Euretina Meeting, European Society of Retina Specialists, Nice, France, September 17-20, 2015.

Trese MT. Retinopathy of prematurity management in 21st century. Pediatric Retinal Disease Current and Future Treatments, USC Eye Institute, University of Southern California, Pasadena, CA, October, 2015.

Trese MT. Telemedicine for retinal disease. The Retina Society Annual Meeting, Paris, France, October 7-11, 2015

Yonekawa Y, Thomas BJ, Drenser KA, Trese MT, Capone A Jr. Familial exudative vitreoretinopathy: Microstructural phenotyping of the vitreoretinal interface, retina, and choroid. American Academy of Ophthalmology, Las Vegas, NV, November 13-17, 2015.

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

***Abbey AA, Williams GA, Wolfe JD.** IOL exchange with sutureless transconjunctival cannula-based scleral fixation. <http://www.aao.org/clinical-video/iol-exchange-with-sutureless-transconjunctival-can>, September 2, 2015.

***Abbey AA, Wolfe JD.** 27-gauge sutureless transconjunctival cannula-based scleral fixation of dislocated 3-piece IOL. <https://www.youtube.com/watch?v=N6wLV7eoJSY>, August 30, 2015.

Hart J. ASCRS Film Festival in the New Techniques category. Annual Meeting in San Diego, CA, April 18, 2015. **Awarded 1st Place.**

Hart J. AAO Film Festival. Annual Meeting in Las Vegas, NV. November 14-17, 2015.

Hart J. Double needle iris/IOL fixation. MiSEPs Annual Meeting on Mackinaw Island, MI, August 8, 2015.

Hart J. Co-Instructor for the Advanced Phaco Skills Lab. ASCRS Annual Meeting in San Diego, CA, April 18, 2015.

ORTHOPAEDIC SURGERY

Peer-Reviewed Articles:

Ahmed O, **Moore DD**, Stacy GS. Imaging diagnosis of solitary tumors of the phalanges and metacarpals of the hand. *AJR Am J Roentgenol*. 2015 Jul;205(1):106-15.

Baker KC, Maerz T, Saad H, Shaheen P, Kannan RM. In vivo bone formation by and inflammatory response to resorbable polymer-nanoclay constructs. *Nanomedicine*. 2015 Nov;11(8):1871-81.

Carpenter S, Pinkas D, Newton MD, Kurdziel MD, Baker KC, Wiater JM. Wear rates of retentive versus nonretentive reverse total shoulder arthroplasty liners in an in vitro wear simulation. *J Shoulder Elbow Surg*. 2015 Sep;24(9):1372-9.

Chun DS, **Baker KC**, Hsu WK. Lumbar pseudarthrosis: A review of current diagnosis and treatment. *Neurosurg Focus*. 2015 Oct;39(4):E10.

Dhanota H, Pinkas D, Josserand D, **Wiater BP, Koueiter DM, Wiater JM**. Use of a topical thrombin-based hemostatic agent in shoulder arthroplasty. *Am J Orthop (Belle Mead NJ)*. 2015 Aug;44(8):E262-7.

Georgiadis AG, Siegal DS, Scher CE, **Zaltz I**. Can femoral rotation be localized and quantified using standard CT measures? *Clin Orthop Relat Res*. 2015 Apr;473(4):1309-14.

Gottschalk MB, Yoon ST, **Park DK**, Rhee JM, Mitchell PM. Surgical training using three-dimensional simulation in placement of cervical lateral mass screws: A blinded randomized control trial. *Spine J*. 2015 Jan1;15(1):168-75.

Hansford BG, Pytel P, **Moore DD**, Stacy GS. Osteoma of long bone: An expanding spectrum of imaging findings. *Skeletal Radiol*. 2015 May;44(5):755-61.

Hein J, Reilly JM, Chae J, Maerz T, Anderson K. Retear rates after arthroscopic single-row, double-row, and suture bridge rotator cuff repair at a minimum of one year of imaging follow-up: A systematic review. *Arthroscopy*. 2015 Nov;31(11):2274-81.

Krengel WF, Kim PH, **Wiater B**. Spontaneous ankylosis of occiput to C2 following closed traction and halo treatment for atlantoaxial rotary fixation. *Global Spine J*. 2015 Jun;5(3):233-8.

Koreckij TD, Fischgrund JS. Degenerative spondylolisthesis. *J Spinal Disord Tech*. 2015 Aug;28(7):236-41.

Kunapuli S, Newton MD, Kurdziel MD, Baker KC, Verner JJ. Complete dissociation of a dual mobility acetabular liner secondary to repeat dislocation. *Curr Orthop Pract*. 2015 26(4):xx.

Kurdziel MD, Moravek JE, Wiater BP, Davidson A, Seta J, Maerz T, et al, [**Baker KC, Wiater J**]. The impact of rotator cuff deficiency on structure, mechanical properties, and gene expression profiles of the long head of the biceps tendon (LHBT): Implications for management of the LHBT during primary shoulder arthroplasty. *J Orthop Res*. 2015 Aug;33(8):1158-64.

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Larkin B, van Holsbeeck M, **Koueiter D, Zaltz I**. What is the impingement-free range of motion of the asymptomatic hip in young adult males? *Clin Orthop Relat Res*. 2015 Apr;473(4):1284-8.

Maerz T, Kurdziel MD, Newton MD, Altman P, Anderson K, Matthew HW, et al, [Baker KC]. Subchondral and epiphyseal bone remodeling following surgical transection and noninvasive rupture of the anterior cruciate ligament as models of post-traumatic osteoarthritis. *Osteoarthritis Cartilage*. 2015 Nov 24. Pii:S1063-4584(15)01386-2.

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Osborne JD, Gowda AL, Wiater B, Wiater JM. Rotator cuff rehabilitation: Current theories and practice. *Phys Sportsmed*, published online November 7, 2015.

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Pinkas D, Wiater JM, Spencer EE Jr, Edwards TB, Uribe JW, Declercq G, et al. Shoulder prosthetic arthroplasty options in 2014: What to do and when to do it. *Instr Course Lect*. 2015;64:193-202.

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Pomajzl R, Maerz T, Shams C, Guettler J, Bicos J. A review of the anterolateral ligament of the knee: Current knowledge regarding its incidence, anatomy, biomechanics, and surgical dissection. *Arthroscopy*. 2015 Mar;31(3):583-91.

Ricciardi BF, Fabricant PD, Fields KG, Poultsides L, **Zaltz I**, Sink EL. What are the demographic and radiographic characteristics of patients with symptomatic extraarticular femoroacetabular impingement? *Clin Orthop Relat Res*. 2015 Apr;473(4):1299-308.

Ross D, Maerz T, Kurdziel MD, Hein J, Doshi S, Bedi A, et al, [Anderson K, Baker KC]. The effect of granulocyte-colony stimulating factor on rotator cuff healing after injury and repair. *Clin Orthop Relat Res*. 2015 May;473(5):1655-64.

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Orthopaedic Surgery

Peer-Reviewed Articles: continued

Sabesan VJ, **Ackerman J**, Sharma V, **Baker KC**, **Kurdziel MD**, **Wiater JM**. Glenohumeral mismatch affects micromotion of cemented glenoid components in total shoulder arthroplasty. *J Shoulder Elbow Surg.* 2015 May;24(5):814-22.

Sabesan V, Callanan M, Sharma V, **Wiater JM**. Assessment of scapular morphology and surgical technique as predictors of notching in reverse shoulder arthroplasty. *Am J Orthop (Belle Mead NJ).* 2015 May;44(5):E148-52.

Sabesan VJ, Lombardo DJ, Khan J, **Wiater JM**. Assessment of the optimal shoulder outcome score for reverse shoulder arthroplasty. *J Shoulder Elbow Surg.* 2015 Oct;24(10):1653-9.

Shapiro PS, Diao E, Givens LM. Meniscal allograft arthroplasty for the treatment of trapeziometacarpal arthritis of the thumb. *Hand.* 2015 Sep;10(3):407-16.

Smorgick Y, **Baker KC**, **Fischgrund JS**. Hidden blood loss during posterior spine fusion surgery: In response to the letter by ZhiNan et al. *Spine J.* 2015 Sep 1;15(9):2114-5.

Smorgick Y, **Baker KC**, **Herkowitz H**, **Montgomery D**, **Badve SA**, **Bachison C**, et al, [**Ericksen S**, **Fischgrund JS**]. Predisposing factors for dural tear in patients undergoing lumbar spine surgery. *J Neurosurg Spine.* 2015 May;22(5):483-6.

Stambough JB, Clohisy JC, Baca GR, **Zaltz I**, Trousdale R, Millis M, et al. Does previous pelvic osteotomy compromise the results of periacetabular osteotomy surgery? *Clin Orthop Relat Res.* 2015 Apr;473(4):1417-24.

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Wiater BP, **Baker EA**, **Salisbury MRRR**, **Koueiter DM**, **Baker KC**, **Nolan BM**, et al, [**Wiater JM**]. Elucidating trends in revision reverse total shoulder arthroplasty procedures: A retrieval study evaluating clinical, radiographic, and functional outcomes data. *J Shoulder Elbow Surg.* 2015 Dec;24(12):1915-25.

Wiater BP, **Koueiter DM**, **Maerz T**, **Moravek JE Jr**, **Yonan S**, **Marcantonio DR**, et al, [**Wiater J**]. Preoperative deltoid size and fatty infiltration of the deltoid and rotator cuff correlate to outcomes after reverse total shoulder arthroplasty. *Clin Orthop Relat Res.* 2015 Feb;473(2):663-73.

Book Chapter or Full Book Publications:

Koreckij TD, **Fischgrund JS**. Results of surgical treatment of adult degenerative spondylolisthesis. In: Wollowick AL, Sarwahi V, editors. *Spondylolisthesis: diagnosis, non-surgical, and surgical techniques.* New York: Springer, 2015. p. 277-290.

Orthopaedic Surgery

Book Chapter or Full Book Publications: continued

Rohde, RS. Medical management: role of NSAIDs/topical medications. In: Moriatis WJ, editor. Tennis elbow: clinical management. London: Springer, 2015. p. 33-37.

Zaltz I, Georgiadis, AG. Slipped capital femoral epiphysis: acute and chronic. In: Nho SJ, Leunig M, Larson CM, Bedi A, Kelly BT, editors. Hip arthroscopy and hip joint preservation surgery: v.2. London: Springer, 2015. p. 459-474.

Zaltz, I. Surgical technique: open reduction using the modified-Dunn technique. In: Nho SJ, Leunig M, Larson CM, Bedi A, Kelly BT, editors. Hip arthroscopy and hip joint preservation surgery: v.2. London: Springer, 2015. p. 475-480.

Abstracts with Associated Research Presentations:

Aguwa OK, Koreckij T, Baker EA, Salisbury MR, Baker KC, Park DK, et al, [Fischgrund JS]. Static and dynamic anterior cervical plates: A retrieval analysis of damage and clinical data. American Academy of Orthopaedic Surgeons (AAOS) 2015 Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Baca G, Clohisy JC, Millis MB, **Zaltz I,** Beaulé PE, Sierra RJ, et al. Are the clinical results of the periacetabular osteotomy generalizable? American Academy of Orthopaedic Surgeons (AAOS) 2015 Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Baker KC, Maerz T, Bedi A. Systemic stem cell trafficking in ACL injury-induced post-traumatic osteoarthritis. American Orthopaedic Society for Sports Medicine (AOSSM) Special Conference on Biologic Strategies to Improve Musculoskeletal Healing, Orlando, FL, July 9-12, 2015.

Baker KC, Maerz T, Bedi A. Towards in situ tissue engineering of the tendon-bone interface for augmented rotator cuff repair. American Orthopaedic Society for Sports Medicine (AOSSM) Special Conference on Biologic Strategies to Improve Musculoskeletal Healing, Orlando, FL, July 9-12, 2015.

Baker KC, Park DK. Chemokine-directed homing of peripheral blood mobilized stem cells to enhance cervical spine fusion. 43rd Annual Meeting of the Cervical Spine Research Society, San Diego, CA, December 3-5, 2015.

Beaman D, **Fortin P,** Irwin T, **Baker EA,** Etscheidt J, **Baker KC.** Analysis of tibial osteotomy for conditions of the foot and ankle. International Limb Lengthening and Reconstruction Society Congress, Miami Beach, FL, November 4-7, 2015.

Carpenter SR, Pinkas D, Newton MD, Kurdziel MD, Baker KC, Wiater JM. Wear rates of retentive vs. nonretentive reverse total shoulder arthroplasty liners in an in vitro wear simulation. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Orthopaedic Surgery

Abstracts with Associated Research Presentations: continued

Clohisy JC, Millis MB, Kim YJ, **Zaltz I**, Trousdale RT, Sierra RJ, et al. Dose previous failed hip arthroscopy compromise the clinical outcomes of the periacetabular osteotomy in dysplasia. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Green G, Vaupel Z, Baker EA, Baker KC, Fortin PT. Multi-center retrieval study of in vivo damage and failure of total ankle arthroplasty systems. Michigan Orthopaedic Society Annual Scientific Meeting, June 19-21, 2015.

Hogg P, Koueiter DM, Maerz T, Rohde RS, Baker KC. The effect of granulocyte-colony stimulating factor therapy on posttraumatic avascular necrosis of the femoral head. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Jo S, Cil A, **Wiater JM**, O'Driscoll SW, Morrey BF, Morrey ME, et al. Single-stage bilateral total elbow arthroplasty is safe, reliable, and cost-effective in rheumatoid arthritis. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Koreckij T, Zaryanov A, Davidson A, Salisbury MR, Maerz T, Park DK, et al, [**Baker KC, Fischgrund JS**]. Histomorphometric analysis of in vivo bone formation and spine fusion following administration of a peripheral blood mobilization agent and local delivery of a stem cell-associated chemokine. 9th Annual Meeting of the Lumbar Spine Research Society, Chicago, IL, April 14-15, 2015.

Maerz T, Altman P, Kurdziel MD, Newton MD, Anderson K, Baker KC, et al. The acute and chronic biologic response following noninvasive anterior cruciate ligament rupture compared to surgical transection as models for post-traumatic osteoarthritis. Orthopaedic Research Society (ORS) Annual Meeting, Las Vegas, NV, March 28-31, 2015.

Maerz T, Newton M, Timmons S, Delaney N, Pirrone M, **Park D**, et al, [**Baker KC**]. 3D molecular and morphological characterization of the intervertebral disc using affinity- and exclusion-based contrast-enhanced MicroCT. Orthopaedic Research Society (ORS) Annual Meeting, Las Vegas, NV, March 28-31, 2015. 9th Annual Meeting of the Lumbar Spine Research Society, Chicago, IL, April 14-15, 2015.

Maerz T, Kurdziel MD, Davidson A, Baker KC, Anderson K, Matthew H. Biomechanical characterization of a new, noninvasive model of anterior cruciate ligament rupture in the rat. Orthopaedic Research Society (ORS) Annual Meeting, Las Vegas, NV, March 28-31, 2015.

Newton MD, Davidson A, Maerz T, Park DK, Baker KC. Contrast-enhanced MicroCT characterization of cartilage endplate morphology and extracellular matrix composition. 9th Annual Meeting of the Lumbar Spine Research Society, Chicago, IL, April 14-15, 2015.

Park DK, Sasso RC, Arnold PM, Kim DH, **Baker KC, Fischgrund JS.** Lumbar spine fusion rates with local bone in posterolateral and combined posterolateral and interbody approaches. American Academy of Orthopaedic Surgeons (AAOS) 2015 Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Orthopaedic Surgery

Abstracts with Associated Research Presentations: continued

Pinkas D, Moore DD, Gowda AL, Baker KC, Baker EA, Kurdziel MD, et al, [Salisbury MR, Wiater JM]. Characterization of shoulder arthroplasty periprosthetic tissue pro-inflammatory markers and radiographic data. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Pomajzl RJ, Baker EA, Salisbury MR, Baker KC, Vaupel Z, Fortin PT. Histopathologic analysis of failed fresh osteochondral allografts of the talus. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Vara A, Baker EA, Friedrich C, Shokuhfar T, Salisbury MR, Fortin PT. Enhancing osseointegration of orthopaedic implants with titania nanotube surfaces. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, July 2015.

Vaupel Z, Baker EA, Baker KC, Myerson M, Coetzee JC, Anderson J, et al, [Fortin P]. Characterization of in vivo damage of total ankle arthroplasty prostheses: A multi-center retrieval study. American Orthopaedic Foot and Ankle Society Annual Meeting, Long Beach, CA, July 15-28, 2015. **Goldner Award Nominee**

Vaupel Z, Baker EA, Baker KC, Fortin PT. Inflammatory cytokine and chemokine expression in periprosthetic tissue adjacent to failed total ankle arthroplasty components. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 19-21, 2015.

Vaupel Z, Green G, Baker EA, Salisbury MR, Baker KC, Bohay DR, et al, [Fortin PT]. Characterization of in vivo damage and failure of total ankle arthroplasty systems. American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Zaltz I. Is the surgical dislocation an obsolete procedure? American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, Las Vegas, NV, March 24-28, 2015.

Invited Research Presentations:

Baker KC. Acute response to joint trauma and its role in development of post-traumatic osteoarthritis. Scientific Meeting of the Arthritis Foundation, Cleveland, OH, September 2015.

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

Gowda A, Wiater B, Wiater JM. Let's discuss revision shoulder arthroplasty (Gamradt, Sperling, Galatz): Evaluation of the painful shoulder arthroplasty. American Academy of Orthopaedic Surgeons (AAOS), August 2015.

PATHOLOGY and LABORATORY MEDICINE

Peer-Reviewed Articles:

***Baqai J, Crisan D.** Correlation of FLT3 mutations with expression of CD7 in acute myeloid leukemia. *Appl Imm Mol Morph.* 2015 Feb;23(2):104-108.

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 β -hemolytic groups C/G streptococcus from pharyngeal specimens. *J Clin Micro*, published online October 21, 2015.

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 using repetitive sequence-based PCR (Rep-PCR). *J Clin Micro*, published online October 21, 2015.

Bostic G, Thompson R, Atanasoski S, Canlas C, Ye H, Kolins M, et al, [Smith MD]. Quality improvement in the coagulation laboratory: Reducing the number of insufficient blood draw specimens for coagulation testing. *Lab Med.* 2015 Nov;46:347-355.

Cappell MS, Nojkov B, **Amin MB.** Proposed clinical and endoscopic predictors for diagnosis of gastrointestinal Kaposi sarcoma. *South Med J.* 2015 Feb;108(2):135-8.

Cosner D, Zeng X, Zhang PL. Proximal tubular injury in medullary rays is an early sign of acute tacrolimus nephrotoxicity. *J Transplant*, published online June 24, 2015.

***Cotrell A, *Sayedian F, Huang M, Chen X, Xie M, Smith MD, et al, [Huang JZ].** Flow cytometric analysis of cell size in B-cell non-Hodgkin lymphoma: Reliability and potential diagnostic significance. *Int J Pathol Clin Res.* 2015 July;1:1-6.

****David JA, Huang JZ.** Diagnostic utility of flow cytometry analysis of reactive T-cells in nodular lymphocyte-predominant Hodgkin Lymphoma. *Am J Clin Pathol*, published online December 28, 2015.

Divatia M, Smith S, Hes O, Epstein J, McKenney J, et al, [**Amin MB, Zhang P**]. Refining the diagnostic criteria and immunophenotype of collecting duct carcinoma (CDC) in light of emerging entities. *Mod Pathol.* 2015;28(2):861.

Divatia M, Smith S, Colecchia M, Aron M, **Amin MB**, et al. Diagnostic utility of a comprehensive immunohistochemical (IHC) panel for testicular sex cord stromal tumors (TSCST): A study of 76 Cases. *Mod Pathol.* 2015;28(2):860.

Garg L, Gupta S, Swami A, **Zhang PL.** Levamisole/cocaine induced systemic vasculitis and immune complex glomerulonephritis. *Case Reports in Nephrology*, published online July 28, 2015.

Gjeorgjievski M, **Amin MB**, Cappell MS. Characteristic clinical features of *Aspergillus* appendicitis: Case report and literature review. *World J Gastroenterol.* 2015 Nov 28;21(44):12713-21.

Pathology and Laboratory Medicine

Peer-Reviewed Articles: continued

Gjeorgjievski M, Purohit T, **Amin MB**, Kurtin PJ, Cappell MS. Upper gastrointestinal bleeding from gastric amyloidosis in a patient with smoldering multiple myeloma. *Case Rep Gastrointest Med*, published online August 23, 2015.

Haberichter K, Crisan D. Green neutrophilic inclusions and acute hepatic failure. *Arch Pathol Lab Med* 139, published online, October 2015.

***Hansma P, *Powers S,** Diaz F, **Li W.** Agonal thrombi at autopsy. *Am J Forensic Med Pathol.* 2015 Sep;36(3):141-4.

Khan M, **Walters LL,** Li Q, Thomas DG, Miller J, Zhang Q, et al. Characterization and pharmacologic targeting of EZH2, a fetal retinal protein and epigenetic regulator, in human retinoblastoma. *Lab Invest.* 2015 July;95(11):1278-90.

Liu H, Medeiros LJ, Weisenburger D, Clemens M, Hunt K, Chai S, et al, [**Amin MB**]. Breast implant-associated anaplastic large cell lymphoma (BI-ALCL): A comprehensive histopathological evaluation of 40 cases with a proposal for a pathologic staging system. *Mod Pathol.* 2015;28(2):1435.

Liu J, Zhang P. Positive stain for CD133 but negative stain for kidney injury molecule-1 (KIM-1) distinguish clear cell papillary renal cell carcinoma (CCP-RCC) from conventional clear cell renal cell carcinoma. *Am J Clin Pathol.* 2015 Oct;144:A394.

Ogunleye F, **Huang JZ,** Mohammed I, Allen E, Brennan N, Jaiyesimi I. Diagnostic Significance of Screening for BCR-ABL1 by PCR in Patients with Neutrophilia. *The William Beaumont Hospital experience. Clinical Lymphoma Myeloma and Leukemia.* 2015;15:S2:S33.

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*, published online August 25, 2015.

***Schein E, Carey-Ballough R, Posey Y, Sykes E, Simkowski K.** Monoclonal protein interference with chemistry measurements performed on the Siemens Advia[®] 1800 Chemistry Analyzer. *Clin Chem.* 2015 Sep;61:S40.

Smythe MA, Forsyth LL, Warkentin TE, **Smith MD,** Sheppard JI, Shannon F. Progressive, fatal thrombosis associated with heparin-induced thrombocytopenia following cardiac surgery despite "therapeutic" anticoagulation with argatroban: Potential role for PTT and ACT confounding. *J Cardiothoracic Vasc Anes.* 2015 Oct;29(5):1319-21.

Walters LL, Pang JC, Zhao L, Jorns JM. Ductal carcinoma in situ with distorting sclerosis on core biopsy may be predictive of upstage on excision. *Histopathology.* 2015 Mar;66(4):577-86.

Pathology and Laboratory Medicine

Peer-Reviewed Articles: continued

Wang Y, Doshi M, Khan S, **Li W**, **Zhang PL**. Utility of iron staining in identifying the cause of renal Allograft Dysfunction in Patients with Sickle Cell Disease. Case Reports in Transplant, published online December 1, 2015.

Wu C , Mikhail S, Wei L, Timmers C, Tahiri S, Neal A, et al, [**Liu J**]. A phase II and pharmacodynamic study of sunitinib in relapsed/refractory esophageal and gastro-esophageal cancers. Journal Clin Onco, published online July 14, 2015.

Xie M, **Chen X**, **Wey E**. T and NK cell neoplasms detected in bone marrow biopsies. Am J Clin Pathol. 2015;144:A140. ePub October 2015.

Abstracts with Associated Research Presentations:

Bahoura LJ, George DL, Shetty M, **Amin MB**, Jafri SZ. Rare sighting: A review of uncommon renal neoplasms and mimics with radiologic-pathologic correlation. Radiologic Society of North America (RSNA), Chicago, IL, November 26-December 1, 2015.

Boyer A, **Amin MB**, Jafri SZ. Genitourinary unknown “cases of the day.” Annual Scientific Meeting and Educational Course, San Diego, CA, March 22-27, 2015.

Cosner D, **Kumar T**, **Zhang PL**, **Qu ZH**. Nuclear p16 staining is positive in a quarter of squamous cell carcinomas of lung primary. American Society for Clinical Pathology Annual Meeting, Long Beach, CA, October 28-30, 2015.

Cosner D, **Uzieblo A**, **Nelson ML**, **Blenc AM**, **Fennell T**. Blastic plasmacytoid dendritic cell neoplasm. American Society of Dermatopathology, San Francisco, CA, October 8-11, 2015.

Divatia M, Smith S, Colecchia M, Aron M, **Amin MB**, et al. Diagnostic utility of a comprehensive immunohistochemical (IHC) panel for testicular sex cord stromal tumors (TSCST): A study of 76 Cases. Mod Pathol. 2015;28(2):860. 104th United State and Academy of Pathology (USCAP) Annual Meeting, Boston, MA, March 21-27, 2015.

Divatia M, Smith S, Hes O, Epstein J, McKenney J, et al, [**Amin MB**, **Zhang P**]. Refining the diagnostic criteria and immunophenotype of collecting duct carcinoma (CDC) in light of emerging entities. 104th United State and Academy of Pathology (USCAP) Annual Meeting, Boston, MA, March 21-27, 2015.

***Dombourian MG**, Ezhuthachan A, Kohn A, Berman B, **Sykes E**. A 5-hour-old male neonate with cyanosis. Lab Med. 2015 Winter;46:60-63.

***Dombourian MG**, **Schonberger T**, **Frizzo W**, **Millward PA**, **Fletcher CH**. Developing a forecasting model for tissue inventory management. 45th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, June 2, 2015.

Eskandari M, **Zhang PL**. Increased angiotensin 2 expression in sarcoid granulomas. American Society for Clinical Pathology Annual Meeting, Long Beach, CA, October 28-30, 2015.

Pathology and Laboratory Medicine

Abstracts with Associated Research Presentations:

Gjeorgjievski M, Mogrovejo E, Cappell MC, **Amin MB**. Systemic α L-amyloidosis initially presenting as an isolated gastroesophageal junction amyloidosis. American College of Gastroenterology Annual Convention, Honolulu, HI, October 18, 2015.

Gjeorgjievski M, Purohit T, **Amin MB**, Patel A. Primary adenosquamous carcinoma of the cecum: A rare entity. American College of Gastroenterology Annual Convention, Honolulu, HI, October 18, 2015.

Gjeorgjievski M, Nojkov B, Kazanji N, **Amin MB**, Cappell MC. Helicobacter heilmannii gastritis in a young patient with recent clostridium difficile infection, without presence of associated risk-factors. American College of Gastroenterology Annual Convention, Honolulu, HI, October 18, 2015.

Haberichter K, Crisan D. Green neutrophilic inclusions and acute hepatic failure. College of American Pathologists (CAP) Annual Meeting, Nashville, TN, October 4-7, 2015.

Hajj Hussein I, Barremkala M, Thompson B, **Blenc AM, Amin M**. Integrating histology, gross anatomy and histopathology in a case based approach to inflammatory bowel disease. Experimental Biology 2015, Boston, MA, March 28-April 1, 2015.

Huang JZ, Young MR, Misra L, VanHulle R. Putting the pieces together: A curriculum designed to integrate the imaging and laboratory findings of a symptomatic patient. Association of American Medical Colleges (AAMC) CGSA/CGEA Joint Regional Meeting, Columbus, OH, April 9-12, 2015.

Huang JZ. Assessment of 4th year medical student's competency in diagnostic workup for anemia and lymphadenopathy prior to diagnostic medicine clerkship. Oakland University William Beaumont School of Medicine's 4th Annual William Davidson Medical Education Week, Birmingham, MI, May 18-20, 2015.

Huang JZ. Mandatory pathology rotation within diagnostic medicine clerkship for all medical students. Oakland University William Beaumont School of Medicine's Experience. Association of Pathology Chairs Annual Meeting, San Diego, CA, July 14-17, 2015.

Kazanji N, Lohani S, Qu L, **Boyanton BL Jr**, Carpenter C. Epidemiology, risk factors and outcomes of non-influenza versus influenza respiratory viruses. Infectious Diseases (ID) Week, San Diego, CA, October 7-11, 2015.

Kumar T, Fennell T, Zhang PL. Eighteen-months may be a reliable storage period for direct immunofluorescent slides of renal biopsies at room temperature. J Clin Nephrol Ren Care. 2015 Aug;1:1-5. American Society for Clinical Pathology Annual Meeting, Long Beach, CA, October 28-30, 2015.

Kumar T, Li W. Bile related reactive gastropathy is associated with increased risk of Barrett's esophagus. College of American Pathologists (CAP) Annual Meeting, Nashville, TN, October 4-8, 2015.

Pathology and Laboratory Medicine

Abstracts with Associated Research Presentations: continued

Kumar T, Li W. Idiopathic nodular glomerulosclerosis: Further pathogenic evidence of role of smoking and obesity. College of American Pathologists (CAP) Annual Meeting, Nashville, TN, October 4-8, 2015.

Liu JJ, Zhang PL. Positive stain for CD133 but negative stain for kidney injury molecule-1 distinguish clear cell papillary renal cell carcinoma from conventional clear cell renal cell carcinoma. American Society for Clinical Pathology (ASCP) Annual Pathologist Meeting, Long Beach, CA, October 28-30, 2015.

Liu H, Medeiros LJ, Weisenburger D, Clemens M, Hunt K, Chai S, et al, [**Amin MB**]. Breast implant-associated anaplastic large cell lymphoma (BI-ALCL): A comprehensive histopathological evaluation of 40 cases with a proposal for a pathologic staging system. 104th United States and Canadian Academy of Pathology (USCAP) Annual Meeting, Boston, MA, March 21-27, 2015.

Ogunleye F, **Huang JZ**, Mohammed I, Allen E, Brennan N, Jaiyesimi I. Diagnostic Significance of Screening for BCR-ABL1 by PCR in Patients with Neutrophilia. The William Beaumont Hospital experience. Society of Hematologic Oncology 2015 Annual Meeting, Houston, September 16-19, 2015.

Parikh S, **Qu ZH, Zhang PL.** CD133 is a specific marker differentiating in-situ and invasive carcinoma of colon from reactive colonic epithelial changes. American Society for Clinical Pathology Annual Meeting, Long Beach, CA, October 28-30, 2015.

Robinson-Dunn BE, Boyanton BL Jr. The revolution in clinical microbiology is now! Grand Rounds, Beaumont Children's Hospital, Royal Oak, MI, March 17, 2015.

***Schein C, Carey-Ballough R, Posey Y, Sykes E, Simkowski K.** Monoclonal protein interference with chemistry measurements performed on the Siemens Advia® 1800 Chemistry Analyzer. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

***Schein C, Carey-Ballough R, Posey Y, Sykes E, Simkowski K.** Monoclonal protein interference with chemistry measurements performed on the Siemens Advia® 1800 Chemistry Analyzer. American Association for Clinical Chemistry (AACC) Annual Meeting, Atlanta, GA, July 26-30, 2015.

***Sikdar S, Prada A, Crisan D.** Calreticulin mutation in JAK2 V617F negative myeloproliferative neoplasms: The Beaumont experience. Modern Pathology. 2015 28(2):378A. United States and Canadian Academy of Pathology (USCAP) Annual Meeting, Boston, MA, March 21-27, 2015.

Singh D, Sage R, Cappell MS, **Amin MB.** Case report of resolution of isolated, aspergillus colonization in a deep esophageal ulcer in an immunocompetent patient with ulcer healing without specific antifungal therapy. American College of Gastroenterology Annual Convention, Honolulu, HI, October 18, 2015.

Pathology and Laboratory Medicine

Abstracts with Associated Research Presentations: continued

Wang Y, Alassi O, Amin MB. Abnormal epithelial proliferation: A new institution-specific terminology for worrisome intraductal proliferations warranting diagnostic excisional biopsy. American Society of Clinical Pathology Annual Meeting, Long Beach, CA, October 28-30, 2015.

Wang Y, Zeng X, Zhang, PL. Evaluating tumor affected zone between tumors and normal renal parenchyma in nephrectomy specimens Using CD133 Staining. American Society for Clinical Pathology Annual Meeting, Long Beach, CA, October 28-30, 2015.

Ward N, Li W, Zhang PL. Myeloperoxidase is a sensitive staining to identify capillary endothelial injury of primary crescentic glomerulonephritis. American Society for Clinical Pathology Annual Meeting, Long Beach, CA, October 28-30, 2015.

Ward ND, Killian S, Pierzchala J, Makin J, Boyanton BL Jr, Robinson-Dunn BE. A novel approach for the detection and identification of carbapenem resistant organisms utilizing chromagenic agar and MALDI-ToF. 115th General Meeting, American Society for Microbiology, New Orleans, LA, May 30-June 3, 2015.

Xie M, Chen X, Wey E. T and NK cell neoplasms detected in bone marrow biopsies. American Society for Clinical Pathology Annual Meeting, Long Beach, CA, October 28-30, 2015.

Invited Research Presentations:

Eskandari M, Barden S, Simkowski KW, Posey YF, Sykes E. Evaluation of the Alere determine™ HIV 1/2 Ag/Ab combo kit for the rapid determination of antibody/antigen status in STAT specimens in a busy metropolitan hospital setting. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

Fletcher CH. Transfusion reactions: Under-diagnosed, under-recognized, and under-reported, Michigan Association of Blood Banks (MABB) Up North RAPP Session, Gaylord, MI, April 30, 2015.

Fletcher CH. Platelet refractoriness. Michigan Association of Blood Banks (MABB) Annual Meeting, Livonia, MI, September 9, 2015.

Micale M. Characterizing complex rearrangements in pediatric ALL and AML using FISH and SNP array. Children's Oncology Group Cytogenetics Workshop, St. Louis, MO, April 24-25, 2015.

Robinson-Dunn BE. Hospital acquired infections, NHSN Guidelines: Testing and control. American Society for Microbiology, New Orleans, LA, May 30-June 2, 2015.

Walters LL, KR Cho, Sciallis AP. Ovarian seromucinous tumors: A clinicopathologic review of 23 cases. United States and Canadian Academy of Pathology (USCAP) Annual Meeting, Boston, MA, March 21-27, 2015.

Pathology and Laboratory Medicine

Invited Research Presentations: continued

Walters LL, Pang JC, Jorns JM. Encapsulated papillary carcinoma with metaplasia. United States and Canadian Academy of Pathology (USCAP) Annual Meeting, Boston, MA, March 21-27, 2015.

Yu L. Panniculitis and mimics. Adicon Pathology Symposium, Hangzhou, China, January 23, 2015.

Yu L. The use of BerEP4 in dermatopathology. 1st Annual CAPA Conference, New York City, NY, August 8, 2015.

Yu L. Cutaneous lymphoma and mimics. Adicon Pathology Summit, Hangzhou, China, October 16, 2015.

Zhang PL. KIM-1 morphologic expression in human kidneys. Brigham and Women's Hospital, Harvard Institutes of Medicine, Boston, MA, March 23, 2015.

PEDIATRIC SERVICES

Peer-Reviewed Articles:

Arndt DH, Goodkin H, Giza CC. Early post-traumatic seizures in children. *J Child Neurology*, published online January 6, 2015.

Arndt DH, Goodkin HP, Giza CC. Early posttraumatic seizures in the pediatric population. *J Child Neurol*, published online January 6, 2015.

Berger DA, **Gowans LK**, **Khandhar P**. A case of asymptomatic pediatric chronic myelogenous leukemia with hyperleukocytosis: An entity without a treatment algorithm. *Clin Pediatr (Phila)*. 2015 Jun;54(6):589-90.

Berger DA, Jaiyesimi I, **Khandhar P**. A case of asymptomatic pediatric chronic myelogenousleukemia with hyperleukocytosis. *Clin Pediatr*, published online February 1, 2015.

DomBourian M, ***Ezhuthachan A**, **Kohn A**, **Berman B**, Sykes E. Cyanotic neonate. *Lab Medicine*. 2015 Winter;46(1):60-3.

Ezhuthachan A, **Maisels MJ**. Acute abdominal pain in a 2-year-old child. *Clin Pediatrics*. 2015 Jun;54(6):601-3.

Freij JB, **Freij BJ**. The earliest account of human cryptococcosis (Busse-Buschke disease) in a woman with chronic osteomyelitis of the tibia. *Pediatr Infect Dis*. 2015 Nov;34(11):1278.

Harper FWK, Eggly S, Cridder B, Kobayashi H, Meert K, **Ball A**, et al. Patient- and family-centered care as an approach to reducing disparities in asthma outcomes in urban African American children. A review of literature. *J Natl Med Assoc*. 2015 Jun;107(2):4-17.

Hassan H, Tian X, Inove K, Chai N, Liu C, Soda K, et al. Essential role of x-box binding protein-1 during endoplasmic reticulum stress in podocytes. *J Am Soc Nephrol*, published online August 24, 2015.

Holtrop P, **Swails T**, *Riggs T. Hypertriglyceridemia in extremely low birth weight infants receiving lipid emulsions. *J Neo-Perinatal Med*. 2015;8(2):133-6.

Maisels MJ. Managing the jaundiced newborn: A persistent challenge. *CMAJ*. 2015 Mar;187(5):335-43.

Maisels MJ, Ward J Sr. Phototherapy and jaundice: A unique human and photochemical interaction. *J Perinatol*. 2015 Sept. 35 (9) 671-675,

Maisels MJ, Coffey MP, **Kring EA**. Transcutaneous bilirubin levels in newborns less than 35 weeks' gestation. *J Perinatol*. 2015 Sept;35(9).

Mukthapuram S, Dewar D, **Maisels MJ**. Extreme hyperbilirubinemia and G6PD deficiency with no laboratory evidence of hemolysis. *Clin Pediatr*, published online October 9, 2015.

Stec L, Williams G, Anderson B, **Khandhar P**. Bilateral vaso-occlusive retinal vasculitis with H1N1 influenza a infection. *Retin Cases Brief Rep*. 2015 Spring;9(2):138-41.

Pediatric Services

Peer-Review Articles: continued

Yang A, **Arndt DH**, Carpenter JL, Chapman KE, Gallentine WB, Giza CC, et al. Development and validation of a seizure prediction model in critically ill children. *Seizure*. 2015 Feb;25:104-11.

Zhang L, Ellis DA, Naar-King S, Moltz K, Carcone AI, **Dekelbab B**. Effects of socio-demographic factors on parental monitoring and regimen adherence among adolescents with type 1 diabetes: A moderation analysis. *Child Fam Stud*, published online May 21, 2015.

Book Chapters or Full Book Publications:

Freij BJ. Infectious disease. In: Cross JT, Hannaman RA, MedStudy, editors. *Pediatric review core curriculum*. 7th ed. Colorado Springs, CO: MedStudy, 2015.

Abstracts with Associated Research Presentations:

Bergsman C. A 35-month-old with fever and hip pain. Pediatric Hospital Medicine Conference, San Antonio, TX, July 23, 2015.

Davila-Grijalva H, Hernandez-Troya A, Kring E, Maisels MJ. How much formula to formula-fed infants take in the first 2 days. Pediatric Academic Society (PAS) Meeting, San Diego CA, April 25-28, 2015.

Espinosa M, Kring E, DeRidder J, Chen C. Premedication for non-emergency endotracheal intubation in the neonate. Pediatric Academic Society (PAS) Meeting, San Diego CA, April 2015.

Graham C, Wilson S, **Devries JM**. Condensing fellow orientation without compromising quality. Association of Hospital Medical Education (AHME) Annual Meeting, San Diego CA, May 2015.

Gupta P, Nault T, *Ehlert M, Dove-Medows E, *Carrico D, Bartley J, et al, [**Seltzer M**]. History of bullying and abuse are not associated with increased pelvic floor symptoms. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

Gupta P, Nault T, *Ehlert M, Dove-Medows E, *Carrico D, Bartley J, et al, [**Seltzer M**]. Impact of bullying and abuse on sexual health. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

Harper C. A novel genetic counseling service delivery model in a pediatric/general genetics setting. National Society of Genetic Counselors Annual Education Conference, Pittsburgh, PA, October 21-25, 2015.

Pediatric Services

Abstracts with Associated Research Presentations: continued

Harper C. Greater professional autonomy and recognition with use of a novel genetic counseling service delivery model in a pediatric/general genetics clinic setting. National Society of Genetic Counselors Annual Education Conference, Pittsburgh, PA, October 21-25, 2015.

Jenkins C, Simon R, **Novotny NM**, England A, Ottolino R, **Akay B**, et al. Public health consequences of central venous catheter composition. Canadian Association of Pediatric Surgeons, Niagara Falls, Ontario Canada, September 17-19, 2015.

Maisels MJ, Coffey MP, **Kring E**. Transcutaneous bilirubin (TcB) levels in the preterm infant. Pediatric Academic Society (PAS) Meeting, San Diego CA, April 25-28, 2015.

Maisels MJ, Coffey MP, **Kring E**. Diagnosing jaundice by eye: Outpatient assessment of conjunctival icterus (Col) in the newborn. Pediatric Academic Society (PAS) Meeting, San Diego CA, April 25-28, 2015.

May D, Ellis D, Cano A, **Dekelbab B**. Development and satisfaction with a brief feedback for parent-adolescent communication for diabetes care. Pediatric Academic Society (PAS) Meeting, San Diego, CA. April 25-28, 2015.

Wilson S, **Devries JM**. Promoting medical error reporting by residents. Alliance of Independent Academic Medical Center (AIAMC) Annual Meeting, New Orleans LA, March 26-28, 2015.

Invited Research Presentations:

Seltzer M. Moving the needle. Michigan School Safety and Bullying Prevention Summit, East Lansing, MI, April 27, 2015.

Warner LJ, **Hendershot LJ**, McGillivray JE. Increasing parental involvement in EIBI programs for children with autism. Behavior Analysis Association of Michigan Annual Convention, Ypsilanti MI, February 19-20, 2015.

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

Hines S. New robot to help children with autism. MedPage Today. Published interview, March 9, 2015. <http://www.medpagetoday.com/Pediatrics/Autism/50386>

Hines S. Delayed autism diagnosis in primary care. MedPage Today. Published interview, April 16, 2015. <http://www.medpagetoday.com/Pediatrics/Autism/51004>

Khan R, **Khandhar P**. Effect of high-dose vitamin D3 on hospital length of stay in critically ill patients with vitamin D deficiency: The VITdAL-ICU randomized clinical trial. Pediatric Critical Care Medicine website, April 26, 2015. <http://pedscm.org/view-review.php?id=990>

King J, **Khandhar P**. Pediatric code events: Does-in-house intensivist coverage improve outcomes? Ped Critical Care website, 2015. <http://pedscm.org/view-review.php?id=947>.

Pediatric Services

Website Contributions, Videoclips, or other Multi-Media Contributions: (continued)

Meldrum C, Khandhar P. A trial of progesterone for severe traumatic brain injury. Ped Critical Care website, March 30, 2015. <http://pedscm.org/view-review.php?id=1002>.

Seltzer M. Bullying awareness and prevention. Bullying Awareness and Prevention Guide 2015. <http://www.learnpsychology.org/now/bullying/>

Surhigh J. Managing type 1 diabetes in the school setting. Type 1 diabetes video created for use in schools, 2015. <http://www.beaumont.edu/type1>

PHARMACEUTICAL SERVICES

Peer-Reviewed Articles:

Day SA, Cucci M, Droege ME, **Holzhausen JM**, Kram B, Kram S, et al. Major publications in the critical care pharmacotherapy literature: January-December 2014. Am J Health Syst Pharm. 2015 Nov;72(22):1974-85.

Hoffman JL, Aneese JN, Schmidt KJ, **Chaben AC, Smythe MA**. Optimizing anticoagulation management through the use of a hospital engagement network metric for inpatient anticoagulant hemorrhage. Ann Pharmacother. 2015 Dec; 49(12):1305-10.

Rech MA, Day SA, **Kast JM**, Donahey EE, Pajoumand M, Kram SJ, et al. Major publications in the critical care pharmacotherapy literature: January-December 2013. Am J Health Syst Pharm. 2015 Feb;72(3):224-36.

Smythe MA, Forman MJ, Bertran EA, **Hoffman JL, Priziola JL, Koerber JM**. Dabigatran versus warfarin major bleeding in practice: An observational comparison of patient characteristics, management and outcomes of atrial fibrillation patients. J Thromb Thrombolysis. 2015 Oct;40(3):280-7.

Smythe MA, Forsyth L, Warkentin TE, Smith M, Sheppard JI, Shannon F. Progressive, fatal thrombosis associated with heparin-induced thrombocytopenia following cardiac surgery despite “therapeutic” anticoagulation with argatroban: Potential role for PTT and ACT confounding. J Cardiovasc Vasc Anesth. 2015 Oct; 29(5):1319-21.

Stahl AR, Kurz MC, Dub L, **Holzhausen JM**, Sawyer KN. Limb threatening acute venous thromboembolism in a patient undergoing post-arrest therapeutic hypothermia. Ther Hypothermia Temp Manag. 2015 Dec;5(4):228-34.

Abstracts with Associated Research Presentations:

Hall LM, Dezia AL, Baccus TD, **Natavio AM**, Conroy SM. A new role for clinical pharmacists: Managing patient controlled analgesia (PCA) therapy. Postgraduate Medicine, 127:sup1, S47. American Academy of Pain Management, Las Vegas, NV, September 6-10, 2015.

Orgocka Z, Koerber JM, Smythe MA. Evaluation of a heparin induced thrombocytopenia protocol. Pharmacother. 2015; 35 (5):e80-81. American College of Clinical Pharmacology (ACCP) Virtual Poster Symposium, May 18, 2015.

Sienko S, Burgos K, **Hoffman JL, Koerber JM, Smythe MA**. Characterizing of warfarin major bleeding in real world clinical practice. Crit Care Med. 2015 Dec;43(12 Suppl 1):228.

Sienko S, Burgos K, **Hoffman JL, Koerber JM, Smythe MA**. Rivaroxaban major bleeding in practice: Patient characteristics, management and outcomes. Crit Care Med. 2015 Dec;43(12 Suppl 1):24-25.

Pharmaceutical Services

Invited Research Presentations:

Akinbo T, Hall L, Lutz M, Pillen H, Rybak S. Implementation and evaluation of end-tidal carbon dioxide (EtCO₂) monitoring for the prevention of respiratory depression in patients receiving opioid therapy. American Society of Health-System Pharmacists 50th Midyear Clinical Meeting and Exhibition, New Orleans, LA, December 6-10, 2015.

Aneese N, Halalau A, Lauster C, Muench S, Shelden D, Fett J. Evaluation of a pharmacist managed diabetes clinic. American Society of Health System Pharmacists 50th Midyear Clinical Meeting and Exhibition, New Orleans, LA, December 6-10, 2015.

Aultman W, Ng M, Dungarani R, Feleke A. Evaluation of compliance to an intravenous insulin infusion protocol in the management of diabetic ketoacidosis. American Society of Health System Pharmacists 50th Midyear Clinical Meeting and Exhibition, New Orleans, LA, December 6-10, 2015.

Cherniawski A, Cadiz M, Holzhausen J, Winegardner J. Hemodynamic effects of dexmedetomidine compared to propofol in critically ill adults. American Society of Health System Pharmacists 50th Midyear Clinical Meeting and Exhibition, New Orleans, LA, December 6-10, 2015.

Qasem L, Ali M, Bowers T, Holzhausen J. Clinical and economic outcomes of warfarin versus direct oral anticoagulants (DOACs) following alteplase for the treatment of pulmonary embolism (PE). American Society of Health System Pharmacists 50th Midyear Clinical Meeting and Exhibition, New Orleans, LA, December 6-10, 2015.

Salem NM, Hoffman JL, Koerber JM, Smythe MA. Apixaban major bleeding in atrial fibrillation: Patient characteristics, management and outcomes. American Society of Health System Pharmacists 50th Midyear Clinical Meeting and Exhibition, New Orleans, LA, December 6-10, 2015.

Sienko S, Burgos K, Hoffman J, Koerber J, Smythe MA. Comparing management and outcomes of major bleeding events with warfarin and rivaroxaban. Ohio Pharmacy Resident Conference, Ada, OH, May 2015.

Sienko S, Cadiz M, Forsyth L, Natavio A. Characterization of tranexamic acid use in trauma and surgery. American Society of Health System Pharmacists 50th Midyear Clinical Meeting and Exhibition, New Orleans, LA, December 6-10, 2015.

RADIATION ONCOLOGY

Peer-Reviewed Articles:

Ahmed KA, **Chinnaiyan P**, Fulp WJ, Eschrich S, Torres-Roca JF, Caudell JJ. The radiosensitivity index predicts for overall survival in glioblastoma. *Oncotarget*. 2015 Oct 27;6(33):34414-22.

***Baschnagel AM**, ***Wobb JL**, **Dilworth JT**, Williams L, Eskandari M, Wu D, et al, [**Wilson GD**]. The association of ¹⁸F-FDG PET and glucose metabolism biomarkers GLUT1 and HK2 in p16 position and negative head and neck squamous cell carcinomas. *Radiother Oncol*. 2015 Oct;117(1):118-24.

***Baschnagel AM**, **Galoforo S**, Thibodeau BJ, Ahmed S, Nirmal S, Akervall JA, et al, [**Wilson GD**]. Crizotinib fails to enhance the effect of radiation in head and neck squamous cell carcinoma xenografts. *Anticancer Res*. 2015 Nov;35(11):5973-82.

Bharathi Raja R, Janicki JJ, Levanovich P, Tyagi P, Hafron J, Chancellor MB, et al, [***Krueger SA**, ***Marples B**]. Intravesical liposomal tacrolimus protects against radiation cystitis induced by 3-beam targeted bladder radiation. *J Urol*. 2015;194:578-584.

Blas KG, Brown ME, **Wallace M**, **Tonlaar NY**, ***Stone BM**, **Chen PY**, et al, [**Gustafson GS**, **Brabbins DS**]. A matched comparison of high-risk prostate cancer patients treated with dose-escalated, image guided adaptive external beam radiation therapy (EBRT) versus pelvic EBRT plus high-dose-rate brachytherapy boost. *Int J Radiat Oncol Biol Phys*. 2015 Nov 1; 93(3): S121-2.

Bostic G, Thompson R, Atanasoski S, Canlas C, **Ye H**, Smith M. Quality improvement in the coagulation laboratory: Reducing insufficient blood draw specimens for coagulation testing. *Lab Medicine*. 2015;46(4):347-55.

Brennan D, Schubert L, Diot Q, Castillo R, **Castillo E**, **Guerrero T**, et al. Clinical validation of 4-dimensional computed tomography ventilation with pulmonary function test data. *Int J Radiat Oncol Biol Phys*. 2015 Jun 1;92(2):423-9.

Castillo R, Ngoc N, **Castillo E**, Aso-Gonzalez S, Ansari S, Hobbs B, et al, [**Guerrero T**]. Pre-radiation therapy fluorine 18 fluorodeoxyglucose PET helps identify patients with esophageal cancer at high risk for radiation pneumonitis. *Radiology*. 2015 Jun;275(3):822-31.

Castillo R, Pham N, **Castillo E**, Aso-Gonzalez S, Ansari S, Hobbs B, et al, [**Guerrero T**]. Pre-radiotherapy FDG PET identifies esophageal cancer patients at high-risk for radiation pneumonitis. *Radiology*. 2015 Jun;275(3):822-31.

Chen PY, ***Wobb JL**, **Wallace M**, **Jawad MS**, **Ye H**, **Pietron A**, et al, [**Dekhne N**, **Brabbins DS**]. Fifteen-year outcomes of favorable histologies of early-stage breast cancer treated with accelerated partial-breast irradiation (APBI). *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):E28-9.

Radiation Oncology

Peer-Reviewed Articles: continued

Cunliffe A, Armato III SG, Castillo R, Pham N, **Guerrero T**, Al-Hallaq HA. Lung texture in serial thoracic computed tomography scans: Correlation of radiomics-based features with radiation therapy dose and radiation pneumonitis development. *Int J Radiat Oncol Biol Phys*. 2015 Apr 1;91(5):1048-56.

Dhou S, Hurwitz M, Mishra P, Cai W, Rottmann J, Li R, et al, [**Ionascu D**]. 3D fluoroscopic image estimation using patient-specific 4DCBCT-based motion models. *Phys Med Biol*. 2015 May 7;60(9):3807-24.

Dilworth JT, *Marples B, Gondert JM, Grills IS, Marvin K, Zhou J, et al, [**Krauss DJ, Wilson GD**]. Pulsed partial-brain irradiation for newly diagnosed glioblastoma: Feasibility and preliminary results of a prospective clinical trial. *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):E88-9.

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*, published online December 10, 2015.

Enns L, Rasouli-Nia A, Hendzel M, ***Marples B**, Weinfeld M. Association of ATM activation and DNA repair with induced radioresistance after low-dose irradiation. *Radiat Prot Dosimetry*. 2015 Sep;166(1-4):131-6.

Grills IS, Johnson MD, Sura K, Ye H, Wloch JL, Prausa SK, et al, [**Gustafson GS, Yan D**]. Advanced radiation therapy (RT) planning and delivery methods impact survival in locally advanced (LA) NSCLC. *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):E410-11.

Hauck CR, Ye H, Gustafson GS, Chen PY, Sebastian E, Limbacher A, et al, [**Krauss DJ**]. Increasing fractional doses increases the probability of benign prostate-specific antigen bounce in patients undergoing definitive high-dose-rate brachytherapy for prostate cancer. *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):S122-3.

Hymas RV, Taqee MA, Grills IS, Chen PY, Krauss DJ, Marvin K, et al, [**Ye H, Dilworth JT**]. Outcomes for patients with atypical and anaplastic meningioma treated with surgical resection with or without radiation therapy. *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):E109-10.

Jagsi R, Griffith KA, Boike TP, Walker E, Nurushev T, **Grills IS**, et al. Differences in the acute toxic effects of breast radiotherapy by fractionation schedule: Comparative analysis of physician-assessed and patient-reported outcomes in a large multicenter cohort. *JAMA Oncol*. 2015 Oct;1(7):918-30.

Jawad MS, Dilworth JT, Gustafson GS, Ye H, Wallace M, Martinez A, et al, [**Chen PY, Krauss DJ**]. Outcomes associated with three treatment schedules of high-dose-rate brachytherapy monotherapy for favorable-risk prostate cancer. *Int J Radiat Oncol Biol Phys*, published online November 10, 2015.

Radiation Oncology

Peer-Reviewed Articles: continued

Jawad MS, Zhou J, Harb JG, Wilkinson JB, Prausa SK, Wolch J, et al, [Kraus DJ, Yan D, Grills IS]. Dosimetric evaluation of target coverage as a predictor of local failure following stereotactic body radiation therapy for spinal tumors. *J Radiosurg SBRT*. 2015;3(3): 225-235.

Jawad MS, Shah C, Wilkinson JB, Wallace M, Mitchell CK, Wobb J, et al, [Gustafson GS, Brabbins DS, Grills IS, Chen PY]. Seven-year outcomes following accelerated partial breast irradiation stratified by ASTRO consensus groupings. *Am J Clin Oncol*, published online April 1, 2015.

Johnson MD, Avkshtol V, *Baschnagel A, Meyer K, Ye H, Grills IS, et al, [Chen PY, Maitz A]. Surgical resection of brain metastases and the risk of leptomeningeal recurrence in patients treated with stereotactic radiosurgery. *Int J Radiat Oncol Biol Phys*, published online November 19, 2015.

Johnson MD, Sura K, Blas KG, Ye H, Grills IS. Salvage treatment for regional recurrence following definitive surgery or stereotactic body radiation therapy (SBRT) for early-stage non-small cell lung cancer (NSCLC). *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):E417-18.

Kabolizadeh P, Chen YLE, Liebsch NJ, Hornicek FJ, Schwab J, Choy E, et al. Analysis of tumor response in mobile spine and sacral chordoma treated with definitive high dose photon/proton radiation therapy. *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):E636-7.

Kabolizadeh P, Aghili M, Balakhanlou B. A time for optimism? The state of radiation oncology in Iran. *Int J Radiat Oncol Biol Phys*, published online October 23, 2015.

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Meyer K, *Krueger SA, Wilson GD, *Wobb JL, Grills IS, Galoforo S, et al, [*Marples B]. Overcoming the radioresistance of HNSCC tumors: tumor vasculature and drug delivery *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):E526-7.

Radiation Oncology

Peer-Reviewed Articles: continued

Moran JM, Feng M, Marsh R, Griffith KA, **Benedetti L, Grills IS**, et al. Impact of cardiac sparing techniques on cardiac doses for left breast cancer patients: A multicenter analysis. *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):E25-6.

Peulen H, Belderbos J, Guckenberger M, Hope A, **Grills IS**, van Herk M, et al. Target delineation variability and corresponding margins of peripheral early stage NSCLC treated with stereotactic body radiotherapy. *Radiother Oncol*. 2015 Mar;114(3):361-6.

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Troeller A, Yan D, Marina O, Schulze D, Alber M, Parodi K, et al. Comparison and limitations of DVH-based NTCP models derived from 3D-CRT and IMRT data for prediction of gastrointestinal toxicities in prostate cancer patients by using propensity score matched pair analysis. *Int J Radiat Oncol Biol Phys*. 2015 Feb 1;91(2):435-43.

Radiation Oncology

Peer-Reviewed Articles: continued

Vu C, Lanni T, Robertson JM. Variations in medicare reimbursement in radiation oncology: An analysis of the medicare provider utilization and payment dataset. *Int J Radiat Oncol Biol Phys*, published online December 17, 2015.

Waxweiler TV, Schubert LK, Diot Q, Castillo R, **Castillo E, Guerrero T**, et al. Towards a 4DCT-Ventilation functional avoidance clinical trial: determining patient eligibility. *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):E416–17.

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Zhang T, **Dilworth JT**, Marina O, **Chen P, Benedetti L, Liu Q**. A three-field mono-isocentric inverse breast treatment planning technique without half-beam blocking. *J Applied Clin Med Phys*. 2015;16(5):246-255.

Zhou J, Zamdborg L, Sebastian E. Review of advanced catheter technologies in radiation oncology brachytherapy procedures. *Cancer Manag Res*. 2015 Jul 16;7:199-211.

Radiation Oncology

Book Chapter or Full Book Publications:

Slattery EL, **Maitz A, Chen PY**, Bojrab DI. Stereotactic radiosurgery for vestibular schwannomas. In: LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 209-217.

Abstracts with Associated Research Presentations:

Abuodeh YA, Ahmed KA, Venkat PS, Naghavi AO, Sarangkasiri S, Etame AB, et al, [**Chinnaiyan P**]. Postoperative fractionated stereotactic radiation therapy (FSRT) with 5 Gy X 5 fractions for brain metastases. Int J Radiat Oncol Biol Phys. 2015 Nov 1;93(3):E88. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Ahmed KA, **Kumar RS**, Strom T, Naghavi AO, Sarangkasiri S, **Chinnaiyan P**, et al. Efficacy of fractionated stereotactic radiation therapy (FSRT) for cranial nerve palsies due to skull base lesions. Int J Radiat Oncol Biol Phys. 2015 Nov 1;93(3):E79. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Bias KG, *Brown ME, Wallace M, Tonlaar NY, *Stone BM, Chen PY, et al, [**Gustafson GS, Brabbins DS, Ye H, Krauss DJ**]. A matched comparison of high-risk prostate cancer patients treated with dose-escalated, image guided adaptive external beam radiation therapy (EBRT) versus pelvic EBRT plus high-dose-rate brachytherapy boost. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Castillo E, Castillo R, **Guerrero T**. Inverse optimization for correlating 4DCT ventilation imaging and radiation dose. American Radium Society (ARS) Annual Meeting, Kauai, HI, May 2-5, 2015.

Chen S, **Qin A**, Quan H, **Yan D**. Using magnetic resonance image alone in treatment planning and localization. World Congress on Medical Phys & Biomedical Engineering, Toronto, Canada, June 7-12, 2015.

Chen PY, *Wobb J, Wallace M, Ye H, Dekhne N, **Brabbins DS**. Fifteen-year outcome of classical favorable histology of early-stage breast cancer treated with accelerated partial breast irradiation. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Grills IS. Predictors and patterns of regional recurrence following lung SBRT. 3rd European Society for Therapeutic Radiology and Oncology (ESTRO) Forum, Barcelona, Spain, April 24-28, 2015. **Nominated for the ESTRO Best Poster Award in the "Clinical" category.**

Grills IS, Johnson MD, Sura K, Ye H, Wloch JL, *Prausa SK, et al, [**Gustafson GS, Yan D**]. Advanced radiation therapy (RT) planning and delivery methods impact survival in locally advanced (LA) NSCLC. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Radiation Oncology

Abstracts with Associated Research Presentations: continued

Johnson MD, *Baschnagel AM, *Stone BM, Thibodeau BJ, Galoforo S, Grills IS, et al, [Hanna A, Wilson GD]. Novel target identification in pancreatic adenocarcinoma. *Int J Radiat Oncol Biol Phys.* 2015 Nov 1;93(3):E535. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Krauss DJ, Martinez A, Ye H, Wallace M, Marvin K, Ghilezan M, et al, [Gustafson GS]. Highly favorable preliminary clinical and toxicity outcomes for low- and intermediate-risk prostate cancer patients treated with high-dose-rate brachytherapy in a single fraction of 19 Gy. *Int J Radiat Oncol Biol Phys.* 2015 Nov 1;93(3):S122. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

***Krueger SA, Kane JL, Dabjan MB, Wilson GD, *Marples B.** Pulsed radiotherapy alters dynamic tumor contrast enhancement in a mouse model of glioblastoma. *World Molecular Imaging Congress Annual Meeting, Honolulu, HI, September 2-5, 2015.*

Kuske RR, Kamrava M, **Chen PY, Hayes JK, Anderson BM, Quiet CA, et al.** Short and long-term toxicity and cosmesis after interstitial multicatheter brachytherapy for accelerated partial-breast irradiation: A multi-institutional study. *Int J Radiat Oncol Biol Phys.* 2015 Nov 1;93(3):S60. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Lanni Jr T, Tonlaar NY, Parslow P, Maxon E, Marvin K, Krauss DJ, et al, [Chen PY, Akervall JA]. Development of a weekly nutrition clinic for head and neck cancer patients: Does it make a difference? *International Journal of Radiation Oncology, Biology, Physics,*93(3):E488. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Lee KC, *Wobb JL, Wallace M, Grills IS, Chen PY. Accelerated partial-breast irradiation (APBI) provides equivalent 5 year and 10 year outcomes regardless of molecular subtype. *Int J Radiat Oncol Biol Phys.* 2015 Nov 1;93(3):E39. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Li M, Xiang Z, Xiao L, **Castillo E, Castillo R, and Guerrero T.** GPU-accelerated block matching algorithm for deformable registration of lung CT images. *Proceedings of IEEE Conference on Progress in Informatics and Computing, Nanjing, China, December 2015.*

***Marples B, Kane JL, Dilworth J, Wilson T, Schoenherr D, Madlambayan G, et al, [Wilson GD, *Krueger SA].** Investigating pulsed radiotherapy in preclinical tumor models. *Radiation Research Society Annual Meeting, Weston, FL, September 19-22, 2015.*

***Marples B, Wilson TG, Dabjan MB, Kane J, Wilson GD, *Krueger SA.** Evaluating the efficacy of pulsed radiotherapy in a subcutaneous murine model of glioblastoma. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Radiation Oncology

Abstracts with Associated Research Presentations: continued

Rajaganapathy BR, Janicki J, Levanovich P, Tyagi P, Hafron J, Chancellor M, et al, [***Krueger S, *Marples B**]. Intravesical liposomal tacrolimus protects against radiation cystitis induced by 3-beam targeted bladder radiation. American Urological Association Annual Meeting, New Orleans, LA, May 15-19, 2015.

Sandhu R, Yan D, Ionascu D. Robust characterization and patient experience of a time-resolved ultrasound system for prostate tracking. 57th Annual Meeting and Exhibition of the American Association of Physicists in Medicine (AAPM), Anaheim, CA, July 12-16, 2015.

Sandhu R, Qin A, Yan D. Evaluation of adaptive MLC morphing for online correction of prostate cancer radiotherapy. 57th Annual Meeting and Exhibition American Association of Physicists in Medicine (AAPM), Anaheim, CA, July 12-16, 2015.

Singer L, Brown E, **Lanni T Jr.** Margins in breast conserving surgery: The financial cost and potential savings associated with the new margin guidelines. American Society of Breast Surgeons Annual Meeting, Orlando, FL, April 29-May 3, 2015.

Sura K, Ye H, Grills IS. Socioeconomic factors impact probability of receiving radiation as part of breast conserving therapy for early-stage breast cancer. Int J Radiat Oncol Biol Phys. 2015 Nov 1;93(3):E18. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Tonlaar NY, Galoforo S, *Krueger SA, Yumpo Cardenas P, Ahmed S, ***Baschnagel AM,** et al, [**Wilson TG, Grills IS**]. Dual P13K/mTOR inhibition in combination with radiation in a murine model of head and neck squamous cell carcinoma. Int J Radiat Oncol Biol Phys. 2015 Nov 1;93(3):E526. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

***Troeller A,** Soehn M, **Grills IS,** Guckenberger M, Belderbos J, Sonke J, et al, [**Yan D**]. Investigation of fractionation issues in NTCP modeling of pneumonitis: An analysis of common NTCP models for hypo-fractionated and standard-fractionated data. 57th Annual Meeting and Exhibition of the American Association of Physicists in Medicine (AAPM), Anaheim, CA, July 12-16, 2015.

Vinogradskiy Y, Waxweiler T, Diot Q, Castillo R, **Guerrero T, Castillo E,** et al. Developing clinical and quantitative guidelines for 4DCT-ventilation functional avoidance clinical trial. 57th Annual Meeting and Exhibition of the American Association of Physicists in Medicine (AAPM) Annual Meeting, Anaheim, CA, July 12-16, 2015.

Zamdborg L, Lee KC, Harris A, Doo F, **Gersten DB, Grills IS,** et al, [**Robertson J**]. Outcomes after neoadjuvant or definitive chemoradiation therapy for esophageal/gastroesophageal junction carcinoma. Int J Radiat Oncol Biol Phys. 2015 Nov 1;93(3):E180. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Radiation Oncology

Invited Research Presentations:

Blas K. A matched comparison of high-risk prostate cancer patients treated with dose-escalated, image-guided external beam radiotherapy vs. pelvic external beam radiotherapy plus high dose rate brachytherapy boost. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Castillo E. Medical image analysis based on deformable image registration. Oakland University, Department of Computer Science and Engineering, Colloquium, Rochester, MI, October 2015.

Castillo E. Assessing the sensitivity of CT ventilation using volume constrained deformable image registration. University of Colorado, Denver, CO, August 2015.

Castillo E. Inverse optimization for correlating 4DCT ventilation imaging and radiation dose. Southwest Regional Chapter of American Association of Physicists in Medicine (SWAAPM) Annual Meeting, Galveston, TX, April 2015.

Chen P. Stereotactic radiosurgery for functional CNS disorders, Moderator. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Chen P. Risk assessment, prevention, early detection, screening and local regional therapy. American Society of Clinical Oncology (ASCO) Annual Convention, San Francisco, CA, September 25, 2015.

Chen P. Review and updates of breast brachytherapy. American Brachytherapy Society Annual Convention, Orlando, FL, April 9-11, 2015.

Chinnaiyan P. The metabolomics underpinnings of glioblastoma tumorigenesis. American Association of Cancer Research (AACR), Radiation Oncology Think Tank, Fort Myers, FL, January 12, 2015.

Chinnaiyan P. The therapeutic implications of altered metabolism in glioblastoma. 3rd Annual State of the Art Neuro-Oncology Conference, Clearwater Beach, FL, March 19-20, 2015.

Hauck C. Increasing fractional doses increases the probability of benign PSA bounce in patients undergoing definitive HDR brachytherapy for prostate cancer. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Kane J, Madlambayan G. Stem cells and cancer. Oakland University-William Beaumont Institute for Stem Cell and Regenerative Medicine (ISCRM) Meeting, Oakland University, Rochester, MI, April 21, 2015.

Klement R, Grills IS, Belderbos J, Sonke JJ, Mantel F, Hope A, et al. Can we select stage I NSCLC patients at high risk for early death prior to SBRT treatment? European Society for Therapeutic Radiology and Oncology (ESTRO 35), Barcelona, Spain, April 24-28, 2015.

Krauss D MD. High-risk prostate: Nodes, hormonal and systemic therapies. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Radiation Oncology

Invited Research Presentations: continued

Krauss D. Highly favorable preliminary clinical and toxicity outcomes for low- and intermediate-risk prostate cancer patients treated with high dose rate brachytherapy in a single fraction of 19 Gy. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

***Marples B.** Radiobiology of particulate irradiation. American Society for Radiation Oncology (ASTRO) Spring Refresher Course, New Orleans, LA, March 6-8, 2015.

***Marples B.** The role of bone marrow-derived progenitor cells in the systemic response to multiple organ damage after whole-body irradiation and the effect of mitigation agents. University of Rochester Center for Counter Measures Against Radiation Scientific Retreat, University of Rochester Medical Center, Rochester, NY, March 19-20, 2015.

***Marples B.** Radiobiology of particulate irradiation. St. Jude Children's Research Hospital, Memphis, TN, June 15, 2015.

***Marples B.** Introduction to the radiation biology of hypofractionation. SRT/SBRT: Safe and Accurate Delivery of Hypofractionated Radiation Therapy Conference, Detroit, MI, September 18-20, 2015.

***Marples B.** Translational research models for clinical practice: What you need to know. 57th Annual Meeting of the American Society for Radiation Oncology, San Antonio, TX, October 18-21, 2015.

***Marples B.** The basics of genomic radiobiology: Concepts and clinical applications. 57th Annual Meeting of the American Society for Radiation Oncology, San Antonio, TX, October 18-21, 2015.

Riofrio D, **Zhou J**, Ma L, Luan S. Optimizing the number of catheter implants and their tracks for prostate HDR brachytherapy. 57th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Anaheim, CA, July 12-16, 2015.

Sandhu R, Yan D, Ionascu D. Robust characterization and patient experience of a time-resolved ultrasound system for prostate tracking. 57th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Anaheim, CA, July 12-16, 2015.

Sandhu R, Qin A, Yan D. Adaptive aperture morphing for online correction for prostate cancer radiotherapy. 57th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Anaheim, CA, July 12-16, 2015.

Wilson GD. The continuing development of predictive assays in radiotherapy. 2nd Central European Symposium on Radiation Oncology (CESORO-2), Krakow, Poland, May 8-9, 2015.

Wilson GD. New approaches to the treatment of head and neck cancer. University of Wisconsin, Department of Human Oncology, Madison, WI, September 16, 2015.

Radiation Oncology

Invited Research Presentations: continued

Wilson GD. The challenges of combining radiation with targeted agents. 57th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 18-21, 2015.

Wilson GD. Translational head and neck cancer Research in the Beaumont BioBank. Beaumont Health Oral Cancer Symposium: A Multidisciplinary Approach, Birmingham, MI, November 6, 2015.

Yan D. Adaptive radiotherapy: What we may expect from it. AAPM/SEFM Symposia on Adaptive Radiotherapy, Valencia, Spain, June 22-25, 2015.

Yan D. Current status and challenge of adaptive radiotherapy. Adaptive Radiotherapy. International Congress on Radiation Research (ICCR), Kyoto, Japan, May 25-29, 2015.

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

Akervall JA, Parslow J, Maxon E, **Tonlaar N, Lanni T.** Closing a gap in cancer care: An outpatient weekly nutrition clinic for head and neck cancer patients. Oncology Issues, May/June 2015. http://www.nxtbook.com/nxtbooks/accc/oncologyissues_20150506/index.php

Non Peer-Reviewed Publications:

Chinnaiyan P. Tumor metabolism: The next molecular target in cancer therapy? ASTRO News, Sciencebytes, Winter 2015 edition.

RESEARCH INSTITUTE

OUTCOMES RESEARCH

RESEARCH ADMINISTRATION

RESEARCH INSTITUTE

Outcomes Research

Peer-Reviewed Articles:

Sawyer KN, Shah P, **Qu L**, Kurz MC, Clark CL, Swor RA. Triple rule out versus CT angiogram plus stress test for evaluation of chest pain in the emergency department. West J Emerg Med. 2015 Sep;16(5):677-82.

Abstracts with Associated Research Presentations:

Kazanji N, Lohani S, **Qu L**, Boyanton BL Jr, Carpenter C. Epidemiology, risk factors, and outcomes of non-influenza versus influenza respiratory viruses. ID Week Annual Meeting, San Diego, CA, October 7-11, 2015.

Sawyer KN, Shah P, **Qu L**, Kurz MC, Clark CL, Swor RA. Triple rule out versus CT angiogram plus stress test for evaluation of chest pain in the emergency department. West J Emerg Med.16(5):677-682.

Swor RA, **Qu L**, Putman K, Sawyer KN, Domeier R, Fowler J, Fales W. Data linkage of cardiac arrest patients in Michigan. American College of Emergency Physicians (ACEP) Research Forum, Boston, MA, October 26-27, 2015.

Swor RA, **Qu L**, Putman K, Sawyer KN, Woodwyk A, Kothari C, et al. Variation of in hospital care of resuscitated out of hospital cardiac arrest patients: A statewide evaluation. Resuscitation Science Symposium, American Heart Association, Orlando, FL, July 13-16, 2015.

RESEARCH INSTITUTE

Research Administration

Peer-Reviewed Articles:

*Aggarwal A, Smith JL, Chinnaiyan KM, Mehta N, **Boura JA**, Abdulla RK, et al. β -Blocker premedication does not increase the frequency of allergic reactions from coronary CT angiography. *J Cardiovasc Comput Tomogr*. 2015 Jul-Aug;9(4):270-7.

Bartley JM, Sirls LT, Killinger KA, **Boura JA**. Secondary surgery after vaginal prolapse repair with mesh is more common for stress incontinence and voiding dysfunction than for mesh problems or prolapse recurrence. *Int Urol Nephrol*. 2015;47:609-615.

Berger DA, Ross MA, Hollander JB, Ziadeh J, **Chen C**, Jackson RE, et al. Tamsulosin does not increase 1-week passage rate of ureteral stones in ED patients. *Am J Emerg Med*. 2015; 33 (12):1721-1724.

*Burris AC II, **Boura JA**, Raff G, Chinnaiyan KM. Triple rule-out vs coronary CT angiography in patients with acute chest pain: Results from the Advanced Cardiovascular Imaging Consortium (ACIC). *JACC Cardiovasc Imaging* 2015. 2015 Jul;8(7):817-25.

Chennamsetty A, Hafron J, Edwards L, Pew S, Poushanchi B, Hollander J, et al, [**Coffey MP**]. Predictors of incisional hernia after robotic assisted radical prostatectomy. *Adv Urol*, published online February 2, 2015.

Gilleran JP, Killinger KA, **Boura JA**, Peters KM. Number of active electrodes at time of staged tined lead InterStim implant does not impact clinical outcomes. *Neurourol Urodyn*, published online April 6, 2015.

Loeffler DA, Klaver AC, **Coffey MP**. ELISA measurement of specific antibodies to phosphorylated tau in intravenous immunoglobulin products. *Int Immunopharmacol*. 2015;28:1108-12.

Loeffler DA, Smith LM, **Coffey MP**, Aasly JO, LeWitt PA. CSF Nrf2 and HSPA8 in Parkinson's disease patients with and without LRRK2 gene mutations. *J Neural Transm (Vienna)*, published online November 3, 2015.

Maisels MJ, **Coffey MP**, Kring EA. Transcutaneous bilirubin levels in newborns less than 35 weeks' gestation. *J Perinatol*. 2015 Sept, 35(9).

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*, published online November 20, 2015.

Bartley J, Killinger KA, **Boura JA**, Gilleran J, *Ehlert M, Gupta P, et al. The impact of prior back surgery on Urologic diagnoses and neuromodulation outcomes. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

Research Administration

Abstracts with Associated Research Presentations:

Boyer A, Davis J, **Chen C**, Farah MC. Lung cancer screening CT: Initial reporting and outcomes results. 45th Annual Residents' and Fellows' Beaumont Health Research Forum, Royal Oak, MI, June 2, 2015.

Calvo C, Rayess N, Rahimy E, Shah C, Wolfe JD, **Chen C**, et al. Microbiologic spectrum of post-injection endophthalmitis by indication for intravitreal anti-VEGF therapy. Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Denver, CO, May 3-5, 2015.

Chennamsetty A, Poushanchi B, Pew S, Hollander J, Killinger KA, **Coffey MP**, et al. Urinary incontinence and satisfaction with treatments after robotic assisted radical prostatectomy. American Urological Association (AUA), May 15-19, 2015. New Orleans, LA. Michigan Urological Society (MUS), Laurel Manor, Livonia, MI, June 3, 2015.

Chennamsetty A, Hafron J, Poushanchi B, Pew S, Hollander J, Killinger KA, et al, [**Coffey MP**]. Urinary incontinence and satisfaction with treatments after robotic assisted radical prostatectomy. American Urological Association (AUA), New Orleans, LA, May 15-19, 2015.

Edwards L, Fergus J, Killinger KA, **Boura JA**, Gilleran J, Bartley J, et al. Coexisting depressive symptoms do not limit the benefits of chronic neuromodulation. American Urological Association (AUA), New Orleans, LA, May 15-19, 2015. Michigan Urological Society, Livonia, MI, June 3, 2015.

*Ehlert M, Killinger KA, **Boura JA**, Gilleran J, Gupta P, Wolfert C, et al. Obtaining sacral motor reflexes on <4 electrodes at time of stage 1 tined lead placement does not affect clinical outcome. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

*Ehlert M, Odom B, Cholyway R, Killinger KA, Gupta P, **Boura JA**, et al. Clinical and cost comparison of two trials of void methods after outpatient mid urethral sling placement. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

*Ehlert M, Killinger KA, **Boura JA**, Gilleran J, Gupta P, Wolfert C, et al. The impact of baseline functional bladder capacity on neuromodulation outcomes. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015. American Urological Association (AUA), New Orleans, LA, May 15-19, 2015.

Espinosa M, Kring E, DeRidder J, **Chen C**. Premedication for non-emergency endotracheal intubation in the neonate. Pediatric Academic Society (PAS) Meeting, San Diego CA, April 25-28, 2015.

Gilleran J, Killinger KA, **Boura JA**, *Ehlert M, Gupta P, Wolfert C, et al. Differences between voltage threshold for motor response during stage one neuromodulation implant. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

Research Administration

Abstracts with Associated Research Presentations: continued

Gilleran J, Killinger KA, **Boura JA**, *Ehlert M, Gupta P, Wolfert C, et al. Impact of number of active electrodes at time of sacral tined lead placement on voltage thresholds and clinical outcomes. American Urological Association (AUA), New Orleans, LA, May 15-19, 2015.

Gilleran J, Killinger KA, **Boura JA**, *Ehlert M, Gupta P, Wolfert C, et al. Obtaining sacral motor reflexes on <4 electrodes at time of stage one tined lead placement does not affect clinical outcome. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

*Goldin D, George D, **Chen C**, Guimaraes M, Campbell J, Savin MA. Incomplete yttrium-90 infusion and high residual radioactivity during radioembolization. Society of Interventional Radiology (SIR) Annual Scientific Meeting, Atlanta, GA, February 28-March 5, 2015.

Gupta P, *Ehlert M, Bartley J, Killinger KA, **Boura JA**, Gilleran J, et al. The impact of prior back surgery on urologic diagnoses and neuromodulation outcomes. American Urological Association (AUA), New Orleans, LA, May 15-19, 2015.

Gupta P, Killinger KA, *Ehlert M, **Boura JA**, Wolfert C, Bartley J, et al. Pudendal neuromodulation after failed sacral stimulation has similar benefits for OAB wet and other urological symptoms. American Urogynecologic Society (AUGS) Annual Meeting, Seattle, WA, October 13-17, 2015.

Gupta P, *Ehlert M, Payne J, Killinger KA, **Boura JA**, *Price W, et al. Analysis of sexual function changes in women undergoing pelvic organ prolapse repair with abdominal or vaginal approaches. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

Gupta P, *Ehlert M, Payne J, Killinger KA, **Boura JA**, Fischer M, et al. The impact of comorbid chronic pain syndromes on sexual activity and dyspareunia after pelvic organ prolapse repair. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, February 24-28, 2015, Scottsdale, AZ. American Urological Association (AUA), New Orleans, LA, May 15-19, 2015.

Gupta P, *Ehlert M, Killinger KA, **Boura JA**, Gilleran J, Wolfert C, et al. Body mass index impacts reoperation rates but not overall outcomes of neuromodulation. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

Gupta P, *Ehlert M, Payne J, Killinger KA, **Boura JA**, *Price W, et al. Analysis of sexual function changes in women undergoing pelvic organ prolapse repair with abdominal or vaginal approaches. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

Gupta P, Killinger KA, *Ehlert M, **Boura JA**, Wolfert C, Bartley J, et al. Pudendal neuromodulation after failed sacral stimulation has similar benefits for OAB wet and other urological conditions. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015. American Urogynecologic Society (AUGS) Annual Meeting, Seattle, WA, October 13-17, 2015.

Research Administration

Abstracts with Associated Research Presentations: continued

Gupta P, *Ehlert M, Killinger KA, **Boura JA**, Cholyway R, Odom B, et al. Comparison of operative and perioperative outcome between robotic assisted prolapse repair and transvaginal mesh repair. American Urological Association (AUA), New Orleans, LA, May 15-19, 2015.

Lohani S, Kazanji N, Kazanji B, **Chen C**, Yadav S. Comparisons of outcomes between patients with neutropenic fever secondary to chemotherapy and patients with neutropenic fever due to other etiologies. American Medical Association Research Symposium, Orlando, FL, November 13, 2015.

Lutz M, Killinger KA, Hafron J, **Boura JA**. Health behaviors and attitudes among racially diverse community dwelling men. American Society for Men's Health, Arlington, VA, December 2015.

Lutz M, Killinger KA, Hafron J, **Boura JA**. Beliefs surrounding prostate cancer and screening in African American community dwelling men attending an urban men's health event. American Society for Men's Health, Arlington VA, December 2015.

Maisels MJ, **Coffey MP**, Kring E. Transcutaneous bilirubin (TcB) levels in the preterm infant. Pediatric Academic Society (PAS) Meeting, San Diego CA, April 25-28, 2015.

Maisels MJ, **Coffey MP**, Kring E. Diagnosing jaundice by eye: Outpatient assessment of conjunctival icterus (Col) in the newborn. Pediatric Academic Society (PAS) Meeting, San Diego CA, April 25-28, 2015.

Payne J, Gupta P, Ehlert M, Killinger KA, **Boura JA**, *Price W, et al. Analysis of sexual function changes in women undergoing pelvic organ prolapse repair with abdominal or vaginal approaches. American Medical Student Association (AMSA) Annual Meeting, Washington, DC, May 2015.

Peters KM, Bartley J, Killinger KA, **Boura JA**, Gilleran G, *Ehlert M, et al. The impact of prior back surgery on urologic diagnoses and neuromodulation outcomes. International Neuromodulation Society (INS) 12th World Congress, Montreal, Quebec, Canada, June 6-11, 2015.

Peters KM, Gupta P, *Ehlert M, Killinger KA, **Boura JA**, Wolfert C, et al. Pudendal neuromodulation after failed sacral stimulation. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction. (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015. American Urological Association. (AUA), New Orleans, LA, May 15-19, 2015. International Neuromodulation Society (INS) 12th World Congress, Montreal, Quebec, Canada, June 6-11, 2015. 35th Congress of the Societe Internationale D'Urologie (SIU), Melbourne, Australia, October 15-18, 2015.

Peters KM, *Ehlert M, Killinger KA, **Boura JA**, Gilleran J, Gupta P, et al. The impact of baseline functional bladder capacity on neuromodulation outcomes. International Neuromodulation Society (INS) 12th World Congress, June 6-11, 2015, Montreal, Quebec, Canada. 35th Congress of the Societe Internationale D'Urologie (SIU), Melbourne, Australia, October 15-18, 2015.
Awarded Best Poster in Session.

Research Administration

Abstracts with Associated Research Presentations: continued

Peters KM, Gupta P, *Ehlert M, Killinger KA, **Boura JA**, Gilleran J, et al. Body mass index impacts reoperation rates but not overall outcomes of neuromodulation. International Neuromodulation Society (INS) 12th World Congress, Montreal, Quebec, Canada, June 6-11, 2015.

Ramirez V, Bartley JM, Killinger KA, **Boura JA**, Gupta P. Neuromodulation in patients with prior surgical treatment of stress urinary incontinence and pelvic organ prolapse. American Medical Women's Association (AMWA) centennial meeting, Chicago IL, April 23-26, 2015.

SUBSPECIALTY DIVISIONS OF SURGICAL SERVICES

BREAST CARE CENTER

GENERAL SURGERY

NEUROSURGERY

OTOLARYNGOLOGY

PEDIATRIC SURGERY

PLASTIC SURGERY

THORACIC SURGERY

VASCULAR SURGERY

BREAST CARE CENTER

Abstracts with Associated Research Presentations:

McAlister J, Dekhne N, Yadav S, Zakalik D, Lowry H, DeLaere A. Surgical decision of newly diagnosed breast cancer patients following genetic referral. ASCO Breast Cancer Symposium, San Francisco, CA, September 25-26, 2015.

GENERAL SURGERY

Peer-Reviewed Articles:

Mogrovejo E, Manickam P, **Jury RP**, Cappell MS. Anomalous accessory hepatic duct draining into the cystic duct in an asymptomatic patient: MRCP and ERCP findings. *Gastrointest Endosc.* 2015;81(6):1491-2.

Abstracts with Associated Research Presentations:

Singer L, **Brown E**, Lanni T Jr. Margins in breast conserving surgery: The financial cost and potential savings associated with the new margin guidelines. American Society of Breast Surgeons Annual Meeting, Orlando, FL, April 29-May 3, 2015.

NEUROSURGERY

Peer-Reviewed Articles:

Carlson ML, Habermann EB, Wagie AE, Driscoll CL, Van Gompel JJ, **Jacob JT**, et al. The changing landscape of vestibular schwannoma management in the United States: A shift toward conservatism. *Otolaryngology Head Neck Surg*. 2015 Sep;153(3):440-6.

Chehab M, Noujaim S, **Qahwash O**, Mezwa D, Roy A. Intractable hiccups due to posterior inferior cerebellar artery aneurysm. *J Neurol Surg Rep*. 2015 Jul;76(1):e120-2.

D'Andrea K, Dreyer J, **Fahim DK**. Utility of preoperative magnetic resonance imaging coregistered with intraoperative computed tomographic scan for the resection of complex tumors of the spine. *World Neurosurg*. 2015 Dec;84(6):1804-15.

Guh AY, Bulens SN, Mu Y, **Jacob JT**, Reno J, Scott J. Epidemiology of carbapenem-resistant enterobacteriaceae in 7 US Communities, 2012-2013. *JAMA*. 2015 Oct 13;314(14):1479-87.

Hobbs RP, DePianto DJ, **Jacob JT**, Han MC, Chung BM, Batazzi AS, et al. Keratin-dependent regulation of Aire and gene expression in skin tumor keratinocytes. *Nat Genet*. 2015 Aug;47(8):933-8.

Hughes JD, Osetinsky LM, **Jacob JT**, Carlson ML, Lanzino G, Link MJ. Incidentally discovered unruptured AICA aneurysm after radiosurgery for vestibular schwannoma: A case report and review of the literature. *Otol Neurotol*. 2015 Sep;36(8):1428-31.

Jacob JT, Chernetsky S, Dent M, Lu X, Easley KA, Aurand WL, et al. Comparison of a silver-coated needleless connector and a standard needleless connector for the prevention of central line-associated bloodstream infections. *Infect Control Hosp Epidemiol*. 2015 Mar;36(3):294-301.

Jacob JT, Pollock BE, Carlson ML, Driscoll CL, Link MJ. Stereotactic radiosurgery in the management of vestibular schwannoma and glomus jugulare: Indications, techniques, and results. *Otolaryngol Clin North Am*. 2015 Jun;48(3):515-26.

Kavak KS, Teter BE, Hagemeyer J, **Zakalik K**, Weinstock-Guttman B. Higher weight in adolescence and young adulthood is associated with an earlier age at multiple sclerosis onset. *Mult Scler*. 2015 Jun;21(7):858-65.

Keightley AJ, Nawaz SZ, **Jacob JT**, Unnithan A, Elliott DS, Khaleel A. Ilizarov management of Schatzker IV to VI fractures of the tibial plateau: 105 fractures at a mean follow-up of 7.8 years. *Bone Joint J*. 2015 Dec;97-B(12):1693-7.

Kumar R, **Jacob JT**, Welker KM, Cutrer FM, Link MJ, Atkinson JL, et al. Superficial siderosis of the central nervous system associated with incomplete dural closure following posterior fossa surgery: Report of three cases. *J Neurosurg*. 2015 Nov;123(5):1326-30.

Kumar R, Kumar R, Mallory GW, **Jacob JT**, Daniels DJ, Wetjen NM, et al. Penetrating head injuries in children due to BB and pellet guns: a poorly recognized public health risk. *J Neurosurg Pediatr*, published online October 23, 2015.

Neurosurgery

Peer-Reviewed Articles: continued

Le J, Chaiyasate K, Donev K, **Fahim DK**. A rare case of giant cell tumor involving the clivus resected through Le Fort I Osteotomy and medium maxillotomy. *Surg Neurol Int*. 2015 Feb 13;6:26.

Maloney PR, Halasz SR, Mallory GW, Grassner L, **Jacob JT**, Nassr A, et al. The effect of diabetes mellitus on 30-day outcomes following single-level open lumbar microdiscectomy: An aged matched case control study. *J Neurosurg Sci*, published online May 20, 2015.

McKee C, **Perez-Cruet MJ**, Chavez F, Chaudhry GR. Simplified three-dimensional culture system for long-term expansion of embryonic stem cells. *World J Stem Cells*. 2015 August 26; 7(7):1064-1077.

Planchard RF, Higgins DM, Mallory GW, Puffer RC, **Jacob JT**, Curry TB, et al. The impact of obesity on perioperative resource utilization after elective spine surgery for degenerative disease. *Global Spine J*. 2015 Aug;5(4):287-93.

Reddy SC, **Jacob JT**, Varkey JB, Gaynes RP. Antibiotic use in US hospitals: Quantification, quality measures and stewardship. *Expert Rev Anti Infect Ther*. 2015 Jul;13(7):843-54.

Reno J, Doshi S, Tunali AK, Stein B, Farley MM, Ray SM, et al, [**Jacob JT**]. Epidemiology of methicillin-resistant staphylococcus aureus bloodstream coinfection among adults with Candidemia in Atlanta, GA, 2008-2012. *Infect Control Hosp Epidemiol*. 2015 Nov;36(11):1298-304.

Sandquist L, Paris A, **Fahim DK**. Definitive single-stage posterior surgical correction of complete traumatic spondyloptosis at the thoracolumbar junction. *J Neurosurg Spine*. 2015 Jun;22(6):653-7.

Schiefer TK, Milligan BD, Bracken CD, **Jacob JT**, Krauss WE, Pichelmann MA, et al. In-hospital neurologic deterioration following fractures of the ankylosed spine: A single-institution experience. *World Neurosurg*. 2015 May;83(5):775-83.

Sellin JN, Suki D, Harsh V, Elder BD, **Fahim DK**, McCutcheon IE, et al. Factors affecting survival in 43 consecutive patients after surgery for spinal metastases from thyroid carcinoma. *J Neurosurg Spine*. 2015 Oct;23(4):419-28.

To CY, Rajamand S, Mehra R, Falatko S, Badr Y, Richards B, et al, [**Qahwash O**]. Outcome of mechanical thrombectomy in the very elderly for the treatment of acute ischemic stroke: The real world experience. *Acta Radiol Open*. 2015 Sep 10;4(9):2058460115599423.

Williams C, McGraw P, Schneck EE, LaFae A, **Jacob JT**, Moreno D, et al. Impact of universal gowning and gloving on health care worker clothing contamination. *Infect Control Hosp Epidemiol*. 2015 Apr;36(4):431-7.

Neurosurgery

Abstracts with Associated Research Presentations:

Beeravolu N, McKee C, Khan I, Thibodea BJ, Wilson GD, **Perez-Cruet MJ**, et al. Therapeutic promise and potential of perinatal stem cells. 5th International Symposium-cum-Training Course on Molecular Medicine and Drug Research, Karachi, Pakistan, January 14, 2015.

Chaudhry GR, Beeravolu N, McKee C, Khan I, **Perez-Cruet MJ**. Intervertebral disc regeneration using human umbilical cord stem cells. 6th Annual Minimally Invasive Neurosurgical Society Conference, Breckenridge, CO July 15-17, 2015.

Chaudhry GR, Khan I, Beeravolu N, McKee C, **Perez-Cruet MJ**. Therapeutic potential of perinatal stem cells. National University of Sciences & Technology (NUST), Islamabad, Pakistan, January 21, 2015.

Chaudhry GR, McKee C, Khan I, Beeravolu N, **Perez-Cruet MJ**. Regeneration of intervertebral disc using cell therapy. 12th Annual World Congress for Brain Mapping and Therapeutics, Los Angeles, CA, March 6-8, 2015.

Perez-Cruet MJ, Abel E, Grasser L, Chornij R, Xi A. Anatomical approach to determining surgical procedure based on lumbar facet pathomorphology. Congress of Neurological Surgeons (CNS) Meeting, New Orleans, LA, September 26-30, 2015.

Perez-Cruet MJ, Tong H, Xi A. Using provocative discography and computerized tomography to select patients with refractory discogenic low back pain for lumbar fusion surgery. Congress of Neurological Surgeons (CNS) Meeting, New Orleans, LA, September 26-30, 2015.

Perez-Cruet MJ, Xi A. Reduction of para-neural scar formation in lumbar decompression procedures with biologic laminar reconstruction. Congress of Neurological Surgeons (CNS) Meeting, New Orleans, LA, September 26-30, 2015.

Perez-Cruet MJ, Brougham j, Chaudhry R, Reddy Beeravolu N. Intervertebral disc regeneration using human umbilical cord blood stem cell therapy. Congress of Neurological Surgeons (CNS) Meeting, New Orleans, LA, September 26-30, 2015.

Perez-Cruet MJ. Minimally invasive laminectomy for stenosis: Surgical procedure and long term clinical outcomes. XXII Congreso Mexicano De Cirugia Neurologica, Mazatlan, Mexico, August 2-7, 2015.

Perez-Cruet MJ. Minimally invasive transforaminal lumbar interbody fusion (TLIF): Improving spinal fusion and patient outcomes. XXII Congreso Mexicano De Cirugia Neurologica, Mazatlan, Mexico, August 2-7, 2015.

OTOLARYNGOLOGY

Peer-Reviewed Articles:

Dworkin-Valenti JP, Sugihara E, Stern N, **Naumann I**, Bathula S, Amjad E. Laryngeal inflammation. *Ann Otolaryngol Rhinol*. 2015;2(9):1058.

Hojjat H, Johnson AP, Svider PF, **Hong RS**, Zuliani G, Folbe AJ, et al. Shkoukani M. Scholarly investigation into otitis media: Who is receiving funding support from the National Institutes of Health? *Laryngoscope*. 2015 Jul;125:1708-14.

Hong RS, Metz CM, Bojrab DI, Babu SC, Zappia J, Sargent EW, et al, [**Chan EY, Naumann IC, LaRouere MJ**]. Acoustic reflex screening of conductive hearing loss for third window disorders. *Otolaryngol Head Neck Surg*, published online December 1, 2015.

Setty P, D'Andrea KP, Stucken EZ, **Babu S, LaRouere MJ**, Pieper DR. Endoscopic resection of vestibular schwannomas. *J Neurol Surg B Skull Base*. 2015 Jun;76 (3):230-8.

Slattery E, **Babu S**, Chole R, **Zappia J**. Intralabyrinthine Schwannomas mimic Cochleovestibular Disease: Symptoms from tumor mass effect in the labyrinth. *Otol Neurotol*. 2015 Jan;36:167-171.

Svider PF, Vong A, Sheyn A, **Bojrab DI, Hong RS**, Eloy JA. What are we putting in our ears? A consumer product analysis of aural foreign bodies. *Laryngoscope*. 2015 Mar;125:709-14.

Book Chapter or Full Book Publications:

Babu SC, Stucken EZ. Otosclerosis and stapedectomy. In: LaRouere MJ, Babu SC, Bojrab DI, editors. *Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery*. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 27-36.

Babu SC, Stucken EZ. Eustachian tube surgery. In: LaRouere MJ, Babu SC, Bojrab DI, editors. *Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery*. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 5-10.

Benscoter BJ. Surgery for temporal bone cancer. In: LaRouere MJ, Babu SC, Bojrab DI, editors. *Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery*. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 47-76.

Chan EY. Mastoidectomy. In: LaRouere MJ, Babu SC, Bojrab DI, editors. *Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery*. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 63-74.

Chan EY. Surgery of the ear canal. In: LaRouere MJ, Babu SC, Bojrab DI, editors. *Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery*. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 11-26.

Otolaryngology

Book Chapter or Full Book Publications: continued

Hong RS. Cochlear implantation. In: LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 121-130.

Hong RS, Babu SC. Implantable hearing appliances. In: LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 199-208.

LaRouere MJ. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015; Chapter 1, General considerations in otologic and neurotologic surgery; p.1-4.

LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. 222 p.

LaRouere MJ, Benscoter B. Surgery for neoplasms of the posterior fossa and skull base. In: LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p.131-148.

Naumann IC, Folbe A. Drainage procedures of the petrous apex. In: LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 149-158.

Sargent E, Kartush J. Facial nerve surgery. In: LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 159-178.

Sdrulla D, **LaRouere MJ.** Encephaloceles and related CSF leaks. In: LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 179-188.

Setty P, **Pieper DR.** Endoscopic neurotologic surgery. In: LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 189-198.

Slattery EL, **Bojrab DI.** Tympanoplasty and ossiculoplasty. In: LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 43-62.

Slattery EL, Maitz A, Chen PY, **Bojrab DI.** Stereotactic radiosurgery for vestibular schwannomas. In: LaRouere, MJ, Babu, SC, Bojrab, DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 209-217.

Otolaryngology

Book Chapter or Full Book Publications: continued

Zappia JJ, Pieper DR. Treatment of labyrinthine disorders. In: LaRouere MJ, Babu SC, Bojrab DI, editors. Surgical techniques in otolaryngology-head & neck surgery: otologic & neurotologic surgery. New Delhi, India: Jaypee Brothers Medical Publishers, 2015. p. 89-120.

Invited Research Presentations:

Babu S. Evaluation of the patient with vertigo. 150th MSMS Annual Scientific Meeting, Troy, MI, October 20, 2015.

Babu S. Expanding indications for cochlear implantation. 100 Year Anniversary Henry Ford Health System Jubilee, Detroit, MI, October 10, 2015. MGM Grand Hotel.

Babu S. Two-stage acoustic neuroma management. Department of Otolaryngology. Henry Ford Health System, Detroit, MI, September 2, 2015.

Babu S. Moderator to otology panel discussion. 31st Annual Michigan Otolaryngological Society Conference, Mackinac Island, MI, July 24, 2015.

Bojrab DI. Acoustic reflex screening of conductive hearing loss for 3rd windows. American Academy of Otolaryngology-Head and Neck Surgery, Dallas, TX, September 27-30, 2015.

Bojrab DI. Congenital cholesteatoma: Results using over-under tympanoplasty. American Academy of Otolaryngology-Head and Neck Surgery, Dallas TX, September 27-30, 2015.

Bojrab DI. Endaural approach to cholesteatoma surgery. UC Davis Medical Center, Department of Otolaryngology, Sacramento, CA, November 2, 2015.

Bojrab DI. Management of temporal Bone Encephaloceles. UC Davis Medical Center, Department of Otolaryngology, Sacramento, CA, November 2, 2015.

Chan EY. Is my dizziness coming from my ear? Dizziness and balance treatment healthy hearing week, Novi Senior Center, Novi, MI, October 1, 2015.

Chan EY. Interesting and challenging cases. 31st Annual Michigan Otolaryngological Society Conference, Mackinac Island, MI, July 24, 2015.

Hong RS. Meniere's disease. Grand Rounds, Department of Otolaryngology, Wayne State University, Detroit, MI, April 1, 2015.

Hong RS. Hearing loss and today's solutions. Institute of Electrical and Electronics Engineers (IEEE) Southeastern Michigan Section Spring Conference, Dearborn, MI, April 28, 2015.

Hong RS, Chan EY. Acoustic reflex screening of conductive hearing loss for 3rd window disorders. Otolaryngology-Head and Neck Surgery. American Academy of Otolaryngology Head and Neck Surgery (AAO-HNS) Annual Meeting, Dallas, TX, September 27-30, 2015.

Otolaryngology

Invited Research Presentations: continued

LaRouere MJ. New frontiers in cochlear implantation. 6th Minimally Invasive Neurological Society (MINS) Annual Meeting, Breckenridge, CO, July 17, 2015.

LaRouere MJ. Minimally invasive acoustic neuroma surgery. 6th Minimally Invasive Neurological Society (MINS) Annual Meeting, Breckenridge, CO, July 17, 2015.

LaRouere MJ. Acoustic reflex screening of conductive hearing loss for 3rd windows. American Academy of Otolaryngology Head and Neck Surgery (AAO-HNS) Annual Meeting, Dallas, TX, September 27-30, 2015.

LaRouere MJ. Congenital cholesteatoma: Results using over-under tympanoplasty. American Academy of Otolaryngology Head and Neck Surgery (AAO-HNS) Annual Meeting, Dallas, TX, September 27-30, 2015.

Zappia JJ. Acoustic reflex screening of conductive hearing loss for 3rd windows. American Academy of Otolaryngology Head and Neck Surgery (AAO-HNS) Annual Meeting, Dallas, TX, September 27-30, 2015.

PEDIATRIC SURGERY

Abstracts with Associated Research Presentations:

Bayci A, Lovvorn III HL, **Novotny NM**. Primum non nocere: Ethical concerns from procedural risks in the global health setting. Consortium of Universities in Global Health, Boston, MA, March 26-28, 2015.

Bayci A, Simon R, **Akay B**. Advanced techniques in the use of negative-pressure therapy for closure of complex neonatal abdominal wounds. 62nd Annual Meeting and 64th Annual Resident Surgeons Competition, Michigan Chapter of the American College of Surgeons, Grand Rapids, MI, May 14, 2015.

Bayci A, Simon R, Armon K, **Akay B**. Advanced techniques in the use of negative-pressure therapy for closure of complex neonatal abdominal wounds. 45th Annual Residents' and Fellows' Research Forum, Beaumont Health, Royal Oak, MI, June 2, 2015.

Jenkins C, Simon R, **Novotny NM**, England A, Ottolino R, Akay B, et al. Public health consequences of central venous catheter composition. Canadian Association of Pediatric Surgeons, Niagara Falls, Ontario, September 2015.

Mane G, **Novotny NM**. Opportunities for global health experiences among Michigan medical schools. Global Health Symposium, Detroit, MI, October 2015.

Sevak S, **Akay B**, **Bloom D**. Anomalous pancreatic ductal system causing a delayed diagnosis of duodenal atresia. 61st Clinical Meeting of Fredrick A. Collier Surgical Society, Amelia Island, FL, October 8, 2015.

Simon R, Bayci A, England A, Rajann V, **Novotny N**, **Morden R**, et al, [**Akay B**]. Pediatric enhanced recovery after surgery (PERAS): A multidisciplinary, evidence-based approach to develop a protocol for treatment of appendicitis. Michigan Chapter of the American College of Surgeons Annual Meeting. Grand Rapids, MI, May 14, 2015.

Simon R, Jenkins C, England A, **Morden R**, *Fischer A, **Akay B**, et al, [**Novotny N**]. Public health consequences of central venous catheter composition. William Beaumont Hospital Research Day, Royal Oak, MI, June 2015. Canadian Association of Pediatric Surgeons Annual Meeting, Niagara Falls, Ontario, September 17-19, 2015.

PLASTIC SURGERY

Peer-Reviewed Articles:

Ysunza A, Repetto G, Pamplona M, Calderon J, Shaheen K, **Chaiyasate K**, et al. Current controversies in diagnosis and management of cleft palate and velopharyngeal insufficiency. BioMed Research International, published online July 26, 2015.

THORACIC SURGERY

Abstracts with Associated Research Presentations:

Welsh R. Lung cancer and smoking. Royal Oak Lions Club, Royal Oak, MI, November 9, 2015.

Welsh R. Lung anatomy, cancer and procedures. Michigan Society for Thoracic and Cardiovascular Surgery (MSTCVS) Conference, Acme, MI, August 13, 2015.

VASCULAR SURGERY

Peer-Reviewed Articles:

Ahmed S, Shaffer A, Geedes T, Studzinski D, Mitton K, Pruetz BL, et al, [Long G]. Evaluation of optimal RNA extraction method from human carotid atherosclerotic plaque. Cardiovasc Pathol. 2015 May-Jun;24(3):187-90.

Peeples CE, Simon R, Nagar S, Ahmed S, Thibodeau BJ, Wilson G, et al, [Long G]. Using cancer gene profiling to distinguish benign from malignant follicular thyroid lesions. International Journal of Endocrinology and Metabolic Disorders. 2015 June 15;1(2).

Abstracts with Associated Research Presentations:

Brown OW. Vascular Innovations: Carotid artery endarterectomy versus stenting, Beaumont Health, Troy, MI, February 6, 2015.

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Payne J, Gupta P, *Ehlert M, Killinger KA, Boura JA, *Price W, et al, [Fischer M, Sirls LT]. Analysis of sexual function changes in women undergoing pelvic organ prolapse repair with abdominal or vaginal approaches. American Medical Student Association (AMSA) Annual Meeting, Washington, DC, May 2015.

Peters KM, Gupta P, *Ehlert M, Killinger KA, Boura JA, Wolfert C, et al, [Bartley J, Gilleran J]. Pudendal neuromodulation after failed sacral stimulation. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction. (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015. American Urological Association. (AUA), New Orleans, LA, May 15-19, 2015. International Neuromodulation Society (INS) 12th World Congress, June 6-11, 2015, Montreal, Quebec, Canada. 35th Congress of the Societe Internationale D'Urologie (SIU), Melbourne, Australia, October 15-18, 2015.

Urology

Abstracts with Associated Research Presentations: continued

Peters KM, *Ehlert M, Killinger KA, Boura JA, Gilleran J, Gupta P, Wolfert C, et al, [Bartley J]. The impact of baseline functional bladder capacity on neuromodulation outcomes. International Neuromodulation Society (INS) 12th World Congress, Montreal, Quebec, Canada, June 6-11, 2015. 35th Congress of the Societe Internationale D'Urologie (SIU) Annual Meeting, Melbourne, Australia, October 15-18, 2015. **Awarded Best Poster in Session.**

Peters KM, Gupta P, *Ehlert M, Killinger KA, Boura JA, Gilleran J, et al, [Wolfert C, Bartley J]. Body mass index impacts reoperation rates but not overall outcomes of neuromodulation. International Neuromodulation Society (INS) 12th World Congress, Montreal, Quebec, Canada, June 6-11, 2015.

Peters KM, Bartley J, Killinger KA, Boura JA, Gilleran G, *Ehlert M, Gupta P, Wolfert C. The impact of prior back surgery on urologic diagnoses and neuromodulation outcomes. International Neuromodulation Society (INS) 12th World Congress, Montreal, Quebec, Canada, June 6-11, 2015.

Peters KM, *Ehlert M, Gupta P, Sirls LT, Tomakowsky J, Diaz M, et al, [Gilleran J, Bartley J]. Relationship among pelvic floor tone, voiding complaints and pelvic floor distress in women with urogenital pain. 35th Congress of the Societe Internationale D'Urologie (SIU) Annual Meeting, Melbourne, Australia, October 15-18, 2015.

Ramirez V, **Bartley JM, Killinger KA, Gupta P.** Outcomes of sacral neuromodulation in patients with prior surgical treatment of stress urinary incontinence and pelvic organ prolapse. North Central Section of the American Urological Association (NCAUA), Amelia Island, FL, November 10-14, 2015.

Rajaganapathy BR, Janicki J, *Levanovich P, Tyagi P, Hafron J, Chancellor MB, et al. Intravesical liposomal tacrolimus protects against radiation cystitis induced by 3-beam targeted bladder radiation. American Urological Association (AUA), New Orleans, LA, May 15-19, 2015. **Best Poster Award.**

Relle J, Hafron J, Nandular K, Pahernik S, Roethke M, Schlemmer HP, et al. MRI-guided transurethral ultrasound ablation in patients with localized prostate cancer: 12-month outcomes of a prospective multi-national Phase I clinical trial. North Central Section of the American Urological Association (NCAUA), Amelia Island, FL, November 10-14, 2015.

Shi W, Miller D, **Wenzler DL, Wang A, Sur RL.** Are sort urinary dipstick ph values reliably comparable to commercial 24-hour urinary ph? American Urological Association (AUA), New Orleans, LA, May 15-19, 2015.

Telang D, Liu A, Gao Y, **Burks F, Montie J, Miller D.** et al. Utilization and outcomes of repeat prostate biopsy in a state wide quality improvement collaborative. American Urological Association (AUA), New Orleans, LA, May 15-19, 2015.

Urology

Abstracts with Associated Research Presentations: continued

Tomakowsky J, Gupta P, *Ehlert M, Dove-Medow E, Diaz M, *Carrico D, et al, [Siris LT, Gilleran J, Bartley J, Peters KM]. Associations among psychological distress, dyspareunia and levator pain in women with pelvic pain. Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction. (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

Ramirez V, **Bartley JM, Killinger KA, Boura JA, Gupta P.** Neuromodulation in patients with prior surgical treatment of stress urinary incontinence and pelvic organ prolapse. American Medical Women's Association (AMWA) centennial meeting, Chicago IL, April 23-26, 2015.

Washington T, *Ehlert M, Bajwa A, Cholyway R, Killinger KA, Ellis B, et al, [Peters KM]. Lead position during pudendal neuromodulation: A radiographic assessment. North Central Section of the American Urological Association (NCAUA), Amelia Island, FL, November 10-14, 2015.

Womble PR, Linsell SM, Gao Y, Ye Z, Montie JE, Lane BR, et al, [**Burks F**]. A statewide intervention to reduce hospitalizations after prostate biopsy. American Urological Association (AUA), New Orleans, LA, May 15-19, 2015.

Invited Research Presentations:

Burks F. Movember Prostate cancer Outcomes Meeting, Cairns, Australia, August 2015.

Burks F. Management of post prostatectomy incontinence. College of Osteopathic Surgeons (ACOS) Urology Program at the American Urological Association (AUA), New Orleans, LA, May 15-19, 2015.

Burks F. Quality improvement in reconstructive urology. Genitourinary Reconstructive Society Specialty Meeting. 35th Congress of the Societe Internationale D'Urologie (SIU), Melbourne, Australia, October 15-18, 2015.

Chancellor MB. Faculty: Cracking the code of refractory OAB symposium. European Association of Urology, Madrid, Spain, March 2015.

Gilleran JP. Alternatives to sacral stimulation for pelvic pain/painful bladder syndrome. North American Neuromodulation Society Annual Meeting, Las Vegas, NV, December 11, 2015.

Gilleran JP. Advanced urodynamics. Society for Urodynamics and Female Urology (SUFU) National Meeting, Scottsdale, AZ, February 24-28, 2015.

Gilleran JP. Evaluating women with bladder and pelvic floor dysfunction. Great Lakes Society for Urologic Nurses Association (SUNA), Livonia, MI, March 20, 2015.

Gilleran JP. The role of anti-incontinence surgery during prolapse repair using synthetics. Society for Urodynamics and Female Urology (SUFU) meeting at the AUA, New Orleans, LA, May 16, 2015.

Urology

Invited Research Presentations: continued

Gillera JP. Trigger point injections for pelvic pain. Beaumont Annual Neuromodulation Conference, Royal Oak, MI, September 2015.

Hollander J. Hematuria Lecture for M2 Oakland University Students. Oakland University, Rochester, MI, September 2, 2015.

Hollander J. Examination of male genitalia, rectum and prostate. Oakland University, Rochester, MI, November 4, 2015.

Peters KM. Neuromodulation for underactive bladder. 2nd International Congress for Underactive Bladder, Denver, CO, December 3-4, 2015.

Peters KM. Pelvic floor: The posture and associated disorders. ESSIC International Society for the Study of Bladder Pain Syndrome Annual Meeting, Rome, Italy, September 17-19, 2015.

Peters KM. Focus on neuro-stimulation: Sacral/tibial, deep magnetic brain. ESSIC International Society for the Study of Bladder Pain Syndrome Annual Meeting, Rome, Italy, September 17-19, 2015.

Peters KM. Infections of the urinary tract. Oakland University William Beaumont School of Medicine, Rochester, MI, September 1, 2015.

Peters, KM. Interstitial cystitis, pelvic pain, sexual dysfunction and neuromodulation. Contemporary urological management of women with sexual dysfunction. 110th American Urological Association (AUA) Annual Meeting New Orleans, LA, May 15-19, 2015.

Peters KM. Management of refractory overactive bladder: What to do when third line therapies fail. Society for Urodynamics and Female Urology (SUFU) National Meeting, Scottsdale, AZ, February 24-26, 2015.

Peters KM. In-depth consensus panel of third line OAB therapies: PTNS. Society for Urodynamics and Female Urology (SUFU) National Meeting, Scottsdale, AZ, February 24-26, 2015.

Zwaans BMM. Liposomal-tacrolimus: A promising novel treatment for radiation cystitis. North Central Section of the American Urological Association (AUA) Annual Meeting, Amelia Island, FL, November 10-14, 2015.

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

Chancellor MB, Lamb L. Developing a new IC test. Interstitial Cystitis Association. www.ichelp.org/research/clinical-trials/studies-seeking-patients/ip4ic/. October 27, 2015.

**BEAUMONT HOSPITAL
Farmington Hills**

OBSTETRICS AND GYNECOLOGY

Peer-Reviewed Articles:

Frieder RE, Snow SG, Francis MS, **Brodsky BS**. The evolution of multi-gene panel testing for hereditary cancers. Am J Obstet Gynecol. 2015 Jan;212(1):123.

Invited Research Presentations:

***Black KH**. Patient knowledge, perceptions, and preferences on methods of cervical cancer screening. George W. Russian Memorial Research Day, Lansing, MI, December 17, 2015.

Herman R. A new approach to contained vaginal morcellation of large uteri during a total laparoscopic hysterectomy. 44th Annual American Association of Gynecologic Laparoscopists (AAGL) Conference, Las Vegas, NV, November 15-19, 2015. Poster and Video Presentation.

***Souza AM**. Neonatal outcomes and the timing of prophylactic uterotonic agents for the third stage of labor after vaginal birth. George W. Russian Memorial Research Day, Lansing, MI, December 17, 2015.

***Stephens A, Stanley A, Jarski R**. The impact of the new ACOG hypertension in pregnancy guidelines: A community hospital retrospective review of the diagnosis and management of preeclampsia with severe features. George W. Russian Memorial Research Day, Lansing, MI, December 17, 2015.

GENERAL SURGERY

Peer-Reviewed Articles:

Renard BM, Seth M, Share D, Aronow HD, **Laveroni EW**, DeGregoria M, et al. If not now, when? Prescription of evidence-based medical therapy prior to hospital discharge increases utilization at 6 months in patients with symptomatic peripheral artery disease. *Vasc Med*. 2015 Dec;20(6):544-50.

Invited Research Presentations:

Gardner P. Institutional review of surgeon based indications and preoperative employment of percutaneous biopsies before radiologic-localized breast mass excisional biopsy/lumpectomy. Annual Clinical Assembly of Osteopathic Surgeons (ACOS), Chicago, IL October 4-7, 2015.

***Langer J.** Use of continuous intercostal nerve blockade, using the on-q device, in rib fractures at a community hospital. Annual Clinical Assembly of Osteopathic Surgeons (ACOS), Chicago, IL October 4-7, 2015.

Hobson G. Gallstone ileus: A stepwise presentation and treatment. Annual Clinical Assembly of Osteopathic Surgeons (ACOS), Chicago, IL October 4-7, 2015.

Petzinger C. Laparoscopic paraesophageal hernia reduction with two point Fixation via Ponsky percutaneous endoscopic gastrostomy tube in a 91-year-old patient. Annual Clinical Assembly of Osteopathic Surgeons(ACOS), Chicago, IL October 4-7, 2015.

BEAUMONT HOSPITAL
Dearborn, Taylor, Trenton, Wayne

ANESTHESIOLOGY AND PERIOPERATIVE MEDICINE

Peer-Reviewed Articles:

Ahmed Z, Danielson L, Albeiruti R, Thomas R, Klein M. Blood transfusion in patients treated with surgery for necrotizing enterocolitis. *Paediatr Anaesth.* Feb 2015;25(2):196-199.

Toshniwal G, Ahmed Z, Sengstock D. Simulated fluid resuscitation for toddlers and young children: Effect of syringe size and hand fatigue. *Paediatr Anaesth.* Mar 2015;25(3):288-293.

CARDIOVASCULAR DISEASE

Peer-Reviewed Articles:

Heimansohn D, Roselli EE, Thourani VH, Wang S, Voisine P, Ye J, et al, [**Dabir R**]. North American trial results at one year with the Sorin Freedom SOLO pericardial aortic valve dagger. *Eur J Cardiothorac Surg*, published online May 23, 2015.

Howe MJ, Seth M, **Riba A**, Hanzel G, Zainea M, Gurm HS. Underutilization of radial access in patients undergoing percutaneous coronary intervention for ST-segment-elevation myocardial infarction: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. *Circ Cardiovasc Interv*. 2015 May;8(5): pii: e002036.

Jarjous F, Jarjous R, Nahhas G. One-step approach to treating venous insufficiency. *J Clin Med Res*. Sep 2015;7(9):681-4.

Khouri Y, Stephens T, Ayuba G, Al-Ameri H, Juratli N, McCullough PA. Understanding and managing atrial fibrillation in patients with kidney disease. *J Atrial Fibrillation*. 2015;7(6):62-68.

Perdoncin E, Seth M, Dixon S, 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*, published online September 15, 2015.

Book Chapter or Full Book Publications:

Katukuri N, Creech JL, **Spears JR**. Aqueous oxygen for treatment of ST-segment elevation myocardial infarction. In: Kipshidze N, Fareed J, Rosen RJ, Dangas G, Serruys PW, editors. *Urgent interventional therapies*. Chichester, UK: John Wiley & Sons, 2015. p. 502-508.

Nasser SA. Overview. In: Ferdinand KC, editor. *Hypertension in high risk African Americans: current concepts, evidence-based therapeutics and future considerations*. New York, NY: Humana Press, 2015. p. 1-19.

SUBSPECIALTY DIVISIONS OF INTERNAL MEDICINE

DERMATOLOGY

GERIATRICS

GENERAL INTERNAL MEDICINE

HEMATOLOGY / ONCOLOGY

INFECTIOUS DISEASES

PALLIATIVE MEDICINE

DERMATOLOGY

Peer-Reviewed Articles:

Bosley RE, Daveluy S. A primer to natural hair care practices in black patients. *Cutis.* 2015 Feb;95(2):78-80,106.

Brescoll J, **Daveluy S.** A Review of Vitamin B12 in Dermatology. *American Journal of Clinical Dermatology.* 2015 Feb;16(1):27-33.

Caretti KL, Mehregan DR, Mehregan D. A survey of self-reported skin disease in the elderly African-American population. *Int J Dermatol.* 2015 Sep;54(9):1034-1038.

Dasgeb B, Morris MA, **Mehregan D,** Siegel EL. Quantified ultrasound elastography in the assessment of cutaneous carcinoma. *Br J Radiol.* 2015 Oct;88(1054):20150344.

Huizenga T, Kado J, Mehregan D, Diamond S. Identifying toll-like receptor expression in cutaneous sarcoidosis. *Am J Dermatopathol.* 2015 Jan;37(1):67-72.

Oliveria SA, Selvam N, **Mehregan D,** Marchetti MA, Divan HA, Dasgeb B, et al. Biopsies of nevi in children and adolescents in the United States, 2009 through 2013. *JAMA Dermatol.* 2015 Apr;151(4):447-448.

Portela D, Brewer JD. Commentary on prospective study of wound infections in Mohs micrographic surgery using a single set of instruments. *Dermatol Surg.* 2015 Sep;41(9):1013-14.

GENERAL INTERNAL MEDICINE

Peer-Reviewed Articles:

Chopra V, Flanders SA, Saint S, Woller SC, O'Grady NP, Safdar N, et al, [Swaminathan L]. The Michigan appropriateness guide for intravenous catheters (MAGIC): Results from a multispecialty panel using the RAND/UCLA appropriateness method. Ann Intern Med. 2015 Sep 15;163(6 Suppl):S1-40.

GERIATRICS

Peer-Reviewed Articles:

Linton PJ, Gurney M, **Sengstock D**, Mentzer Jr RM, Gottlieb RA. This old heart: Cardiac aging and autophagy. *J Mol Cell Cardiol.* 2015 Jun;83:44-54.

Miller S, Rafanan L, Keihany S, **Reyes-Ortiz CA**. The relationship between body mass index and cancer screening utilization among older women in Latin American and Caribbean cities. *J Women Aging.* 2015;27(1):3-16.

***Reyes-Ortiz CA, Williams C, Westphal C**. Comparison of early versus late palliative care consultation in end-of-life care for the hospitalized frail elderly patients. *Am J Hosp Palliat Care.* 2015 Aug;32(5):516-20.

HEMATOLOGY / ONCOLOGY

Peer-Reviewed Articles:

Zhao SG, Evans JR, Kothari V, Sun G, Larm A, Mondine V, et al. The landscape of prognostic outlier genes in high-risk prostate cancer. Clin Cancer Res, published online December 2, 2015.

INFECTIOUS DISEASES

Peer-Reviewed Articles:

Warnock K. Dealing with infectious disease: Are you (and your operating room) prepared to handle the Ebola virus? *Surg Technol.* 2015 Feb;47(2):60-75.

PALLIATIVE CARE

Peer-Reviewed Articles:

Westphal C. Breathe easy: Facilitating ethical decisions about noninvasive ventilation (NIV) in advanced illness. *Journal of Pain and Symptom Management*. 2015 Feb;49(2):371-2.

Westphal C. Facilitating ethical decisions about noninvasive ventilation. *AAHPM Quarterly*. 2015;16(4):8-9.

PHYSICAL MEDICINE AND REHABILITATION

Peer-Reviewed Articles:

Bittner GD, Rokkappanavar KK, **Peduzzi JD**. Application and implications of polyethylene glycol-fusion as a novel technology to repair injured spinal cords. *Neural Regen Res*. 2015 Sep;10(9):1406-8.

Bittner GD, Sengelaub DR, Trevino RC, **Peduzzi JD**, Mikesch M, Ghergherehchi CK, et al. The curious ability of PEG-fusion technologies to restore lost behaviors after nerve severance. *J Neurosci Res*, published online November 3, 2015.

Bolig T, **Peduzzi-Nelson J**, **Meythaler JM**, Chander P, Girgla T, Drzyzga V, et al. Comparison of rehabilitation methods in a rat spinal cord injury model. *Am J Phys Med Rehab*. 2015 Mar; 94(3):16.

Bolzenius J D, **Roskos PT**, Salminen LE, Paul RH, Bucholz RD. Cognitive and self-reported psychological outcomes of blast-induced mild traumatic brain injury in veterans: A preliminary study. *Applied Neuropsychology Adult*. 2015 Apr; 22(2):79-87.

Ho J, Richardson JK. Rectus abdominis denervation after subcostal open laparotomy. *Am J Phys Med Rehabil*. 2015 May; 94(5):e43-4.

Michael AP, Stout J, **Roskos PT**, Bolzenius J, Gfeller J, Mogul D, et al. Evaluation of cortical thickness after traumatic brain injury in military veterans. *J Neurotrauma*. 2015 Nov;15;32(22):1751-8.

Nelson JP, Bolig T, Chander P, Girgla T, Drzyzga V, Morck K, et al, [**Meythaler JM**]. Brain initiated exercise program promotes greatest recovery after sci. *Journal of Neurotrauma*. 2015 Jun;32(12):A112.

Own K, **Mendez J**, **Meythaler JM**. Spinal subdural hematoma following traumatic brain injury. *Am J Phys Med. Rehabi*. 2015 Mar; 94(3):31.

Smith R, **Orloski K**, **Meythaler J**. Missed diagnosis vertebral fracture resulting in T7 ASIA B Spinal Cord Injury: A case report. *Am J Phys Med Rehab*. 2015 Mar;94(3):194.

Withers PA, **Smith R**, **Diamond M**, **Meythaler JM**. Amantadine for neurologic recovery after anoxic brain injury: A case report. *Am J Phys Med Rehab*. 2015 Mar;94(3):107.

Abstracts with Associated Research Presentations:

Berri M, **Meythaler JM**. Minocycline as a treatment option in a patient with transverse myelitis who developed pulmonary nocardiosis on methylprednisolone: A case report. American Academy of Physical Medicine and Rehabilitation Annual Assembly in Boston, MA, October 1-4, 2015. (September 2015, PM&R, Volume 7, Issue 9, S122).

Bucholz RD, **Roskos PT**, Luo Q, Stout J, Malone T. Complexity analysis of magnetoencephalography for evaluation of traumatic brain injury. American Clinical MEG Society Meeting, Houston, TX, February 5, 2015.

Physical Medicine and Rehabilitation

Abstracts with Associated Research Presentations: continued

DeWald T, Shah P, Deshpande A, Mukhi P. Upper extremity DVT in softball pitcher: A case report. American Academy of Physical Medicine and Rehabilitation Annual Assembly in Boston, MA, October 1-4, 2015. (September 2015, PM&R, Volume 7, Issue 9, S215).

DeWald T, Withers P, Deshpande A, Mukhi P. Transient pain, paresthesia and pallor in collegiate male swimmer. American Medical Society for Sports Medicine, Hollywood, FL, April 14-17, 2015. (March 2015, Clinical Journal of Sport Medicine, Volume 25, issue 2).

Merz Z, Zane K, **Roskos PT**, Gfeller JD. PTSD symptomatology as a mediating variable of neurocognitive difficulties in military veterans with post-acute traumatic brain injury. 13th Annual Meeting of the American Academy of Clinical Neuropsychology, San Francisco, CA, June 17-20, 2015.

Shah P, Own K, Rojas P, DeWald TP, Meythaler JM. Rectus sheath hematoma (RSH) imitating right hip pain: A case report. American Academy of Physical Medicine and Rehabilitation Annual Assembly in Boston, MA, October 1-4, 2015. (September 2015, PM&R, Volume 7, Issue 9, S185).

Zane KL, Merz ZI, **Roskos PT**, Gfeller JD. The utility of the conners continuous performance test second edition as a measure of sustained attention in persons with post-acute traumatic brain injury. 13th Annual Meeting of the American Academy of Clinical Neuropsychology, San Francisco, CA, June 17-20, 2015.

OBSTETRICAL / GYNECOLOGICAL SERVICES

Peer-Reviewed Articles:

Mariona FG. Michigan has a real weight issue. *Healthcare Michigan*. 2015 Mar;31(3):6.

Mariona FG. Are pregnant women's obstetric care preferences contemplated in a provider-dominated maternity care system? *BJOG*, published online March 6, 2015.

Mariona FG, Patchett J, Bacala HK, Rumschlag E. Physicians counseling pregnant women for first-trimester screening: What do patients understand? *Obstetrics and Gynecology*. 2015 May;125:32S.

Mariona FG, Roura LC. The role of placental alpha microglobulin-1 amnisure in determining the status of the fetal membranes: Its association with preterm birth. *Traditions ... traditions. J Matern Fetal Neonatal Med*, published online September 25, 2015.

Plymel K, Mariona FG. Skin incision for cesarean delivery in morbidly obese women. *Am J Obstet Gynecol*. 2015 Sep;213(3):440.

PHARMACEUTICAL SERVICES

Abstracts with Associated Research Presentations:

Stone NE, Dari G, Diamond L. Clinical outcomes of three different dosing schemes of dabigatran in adults 75 years of age or older: Hospital based cohort study. 50th Annual ASHP Midyear Clinical Meeting and Exhibition, New Orleans, LA, December 6-10, 2015.

RADIATION ONCOLOGY

Peer-Reviewed Articles:

Gallo JJ, Kaufman I, Powell R, **Pandya S**, Somnay A, Bossenberger T, et al. Single-fraction spine SBRT end-to-end testing on TomoTherapy, Vero, TrueBeam, and CyberKnife treatment platforms using a novel anthropomorphic phantom. J Appl Clin Med Phys. 2015 Jan 8;16(1):5120.

SUBSPECIALTY DIVISIONS OF SURGICAL SERVICES

CARDIOVASCULAR SURGERY

GENERAL SURGERY

ORTHOPAEDIC SURGERY

PODIATRIC SURGERY

CARDIOVASCULAR SURGERY

Peer-Reviewed Articles:

Heimansohn D, Roselli EE, Thourani VH, Wang S, Voisine P, Ye J, et al, [**Dabir R**]. North American trial results at one year with the Sorin Freedom SOLO pericardial aortic valve dagger. Eur J Cardiothorac Surg, published online May 23, 2015.

GENERAL SURGERY

Peer-Reviewed Articles:

Laird R, Harr J, Richards N, Zeddun S, Brody F. Laparoscopic repair of paraesophageal hernias with a falciform ligament buttress. J Gastrointest Surg. 2015 Jul;19(7):1223-8.

Larson S, Laird R, Brody F. Femoral nerve paralysis following open inguinal hernia repair. American Journal of Medical Case Reports. 2015 Feb;3(3):85-87.

Laird R, Obias V. Robotic transanal fistula repair. Colorectal Dis. 2015 Jan;17(1):90.

Nagendran M, Carlin AM, **Bacal D**, Genaw JA, Hawasli AA, Birkmeyer NJ, et al. Self-reported remission of obstructive sleep apnea following bariatric surgery: Cohort study. Surg Obes Relat Dis. 2015 May-Jun;11(3):697-703.

Otaibi W, **Quach G**, Burke B. Double cystic duct in a septated gallbladder. J Investig Med High Impact Case Rep. 2015 Apr 9;3(2):2324709615579105.

Reames BN, **Bacal D**, Krell RW, Birkmeyer JD, Birkmeyer NJ, Finks JF. Influence of median surgeon operative duration on adverse outcomes in bariatric surgery. Surg Obes Relat Dis. 2015 Jan-Feb;11(1):207-13.

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, published online July 22, 2015.

Invited Research Presentations:

Laird R, Harr, J, Brody F. Laparoscopic median arcuate ligament release after Whipple. Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting, Nashville, TN, April 15-18, 2015.

Collins C, Laird C, **Laird R**. Death by constipation. American College of Osteopathic Surgeons Annual Clinical Assembly, Chicago, IL, October 4-7, 2015.

DeSano J, Laird C, **Laird R**. Transverse colon adenocarcinoma complicated by a type IV hiatal hernia. American College of Osteopathic Surgeons Annual Clinical Assembly, Chicago, IL. October 4-7, 2015.

ORTHOPAEDIC SURGERY

Peer-Reviewed Articles:

Janssen SJ, Teunis T, Guitton TG, Ring D, [Sabesan VJ]. Do surgeons treat their patients like they would treat themselves? Clin Orthop Relat Res. 2015 Nov;473(11):3564-72.

Sabesan VJ, Callanan M, Sharma V, Wiater JM. Assessment of scapular morphology and surgical technique as predictors of notching in reverse shoulder arthroplasty. Am J Orthop. 2015 May;44(5):E148-52.

Sabesan VJ, Ackerman J, Sharma V, Baker KC, Kurdziel MD, Wiater JM. Glenohumeral mismatch affects micromotion of cemented glenoid components in total shoulder arthroplasty. J Shoulder Elbow Surg. 2015 May;24(5):814-22.

Sabesan VJ, Danielsky PJ, Childs A, Valikodath T. Multiligament knee injuries with associated tibial plateau fractures: A report of two cases. World J Orthop. 2015 Apr 18;6(3):363-8.

Sabesan VJ, Lombardo DJ, Khan J, Wiater JM. Assessment of the optimal shoulder outcome score for reverse shoulder arthroplasty. J Shoulder Elbow Surg. 2015 Oct;24(10):1653-9.

Sabesan VJ, Valikodath T, Childs A, Sharma VK. Economic and social impact of upper extremity fragility fractures in elderly patients. Aging Clin Exp Res. 2015 Aug;27(4):539-546.

Sharma VK, Rango J, Connaughton AJ, Lombardo DJ, **Sabesan VJ**. The current state of head and neck injuries in extreme sports. Orthop J Sports Med. 2015 Jan 8;3(1):2325967114564358.

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, published online August 12, 2015.