

Research Institute

Report of Accomplishments



2014

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SYSTEM

**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 patients' lives are improved and enriched because of the outstanding research carried out by Beaumont physicians and staff.

Outstanding biomedical research is a major component of the excellent reputation of Beaumont Health System as an academic medical center. 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 System as a leading academic medical center, 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 System 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 both basic sciences and clinical 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 clinical 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 1,103 trials with over 620,293 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.

The success of our commitment to excellent service and patient safety is shown by our receipt of full accreditation of our human research protection program by AAHRPP (Association for Accreditation of Human Research Protection Programs) on the first submission. Beaumont's strategic plan calls for initiatives which the well established national and international reputation achieved by some of our research programs, including Cardiovascular Medicine, Radiation Oncology, Medical Oncology (Hem/Onc), Urology, Orthopaedics, Ophthalmology, Anesthesiology, Surgery, Emergency Medicine, and many other programs provide. We look forward to continuing research excellence and productivity as Beaumont enters an exciting new phase of academic development. This Report of Research Accomplishments highlights the depth and breadth of Beaumont's academic excellence. We extend our congratulations and appreciation to the many investigators who have contributed these extraordinary achievements while providing outstanding medical care to our patients.

Beaumont Research Institute

Fact Sheet – 2014

Beaumont Health System, serving southern Michigan and beyond, is a highly productive contributor to clinical trials across the nation. The Beaumont Research Institute (RI), established by the hospital's Board of Trustees in 1966, strengthens Beaumont's ability to conduct medical research and to provide a research training experience for the medical staff and participants in graduate medical education programs.

Beaumont is a major teaching facility, with 40 accredited residency and fellowship programs involving 455 residents and fellows, and 162 research staff, including 50 research nurses.

Funding

2015 Research Institute Operations \$35.6M

External sources of research funding

(2014 data)

◆ Commercial sponsors	29 %
◆ Federal sponsors	20 %
◆ Philanthropic sponsors	13 %
◆ Intellectual Property	38 %

Types of research at Beaumont Health System

(2014 percentage of revenue)

• Clinical Research	48 %
◆ 6.6 % Early Phase	
◆ 21.5 % Phase II/III	
◆ 4.6 % Post Market	
◆ 67.3 % Non-interventional	
• Pre-clinical/ Research	52 %

External sources of research funding by Research Service

Line (2014 data)

• Surgical Services 46%	
◆ Radiation Oncology	26%
◆ Urology	12%
◆ Surgical Clinical Trials & Lab	4 %
◆ Orthopedics Bench	3 %
◆ Anesthesia	1 %
◆ Other Programs (various)	0 %
• Medical Services and Other 54%	
◆ Emergency	5 %
◆ Hematology/Oncology	8 %
◆ Cardiology	8 %
◆ Beaumont Coordinating Center	1 %
◆ Infectious Disease	4 %
◆ Nutrition & Preventive Med	2 %
◆ Other (Various)	26 %
• Clinical Trials/PI's/Research Participants	
◆ 1,019 clinical studies	
◆ 333 interventional clinical research trials	
◆ More than 500 active principal investigators	
◆ 7,800 registered research participants	

Educational opportunities for research staff

- ◆ 2-day orientation for new research staff
- ◆ On-line CITI human subjects protection training program
- ◆ Tuition reimbursement for clinical research certification exams
- ◆ Seminar Series and Workshops
- ◆ Residents' and Fellows' Research Forum
- ◆ Online guidance/modules regarding initiating research

Facility space dedicated to research

- ◆ Research Institute Building
- ◆ Beaumont Health Center
- ◆ Cancer Center
- ◆ Imaging Center
- ◆ Royal Oak Hospital
- ◆ Royal Oak Medical Office Building
- ◆ Technical Service Building
- ◆ Troy Hospital
- ◆ Other offsite

Support staff available to researchers

- ◆ Accounting / Administrative
- ◆ Beaumont Research Coordinating Center
- ◆ BioBank/Erb Family Core Molecular Laboratory
- ◆ Biosafety Committee
- ◆ Biostatisticians
- ◆ Commercialization Center
- ◆ Compliance
- ◆ Database Development
- ◆ Education
- ◆ Grant Development
- ◆ Human Resources
- ◆ Institutional Animal Care and Use Committee (IACUC)
- ◆ Institutional Review Board (IRB)
- ◆ Outcomes Research Group
- ◆ Vivarium

The scope of support for the Research Institute

- AAALAC accredited animal facility
- AAHRPP accredited Human Research Protection Program
- Automated, robotic clinical laboratories
- Beaumont Research Coordinating Center for Multicenter clinical trials
- BioBank & Core Molecular Lab
- Flash CT scanner
- Fully equipped bench laboratories
- Internationally recognized and respected principal investigators
- National Cancer Institute's Community Oncology Research Program (NCORP)
- PET-CT and Biotracer

The superior support for Beaumont Health System

- 90 Surgical Suites
- 3D Digital Mammography
- Accredited Children's hospital
- Cancer Genetics Program
- New state of the art Neuroscience Center
- Partnership with OUWB School of Medicine
- The Advanced BioSkills Training Lab for Cardiovascular and Medical Education
- Tyner Hybrid Cath Lab/OR Suite

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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.

ANESTHESIOLOGY AND PERIOPERATIVE MEDICINE

Peer-Reviewed Articles:

Jongen JLM, Hans G, Benzon HT, ***Hartrick CT**. Neuropathic pain and pharmacological treatment. Pain Practice. 2014;14(3):283-95.

Abstracts/Posters:

Bartlett D, Cholyway R, Kuo D, **Schlecht K**. Music selection and anesthesia effects. Michigan State Medical Society Annual Symposium, Troy, MI, October 23, 2014.

DePorre A, ***Hartrick CT**, **Pestano C**. Anxiety as a predictor of post-cesarean section analgesic requirement: A pilot study. ASA Abstracts. 2014; A4194.

Dukatz T, **Hurst E**, **Golinski M**, **Murray R**, Rice G, **Rosenblatt S**, et al [**Sakharova A**]. Evaluation of a perioperative intravenous insulin infusion algorithm (with guidelines for conversion from insulin pump delivery). AANA Annual Congress, Orlando, FL, September 13-16, 2014.

Fossa A, Zhou M, Morganroth J, Ellis D, ***Hartrick CT**, Watts R, et al. The cardiac safety of SABER-bupivacaine in patients undergoing abdominal surgery: An assessment of Holter monitoring data from the BESST trial. Anesthesia and Analgesia. 2014;188(5):S148.

Gan T, Fossa A, Zhou M, Ellis D, Shah J, ***Hartrick CT**, et al. Cardiac safety of SABER®-Bupivacaine in patients undergoing abdominal surgery in the BESST Trial: An assessment of Holter monitoring data from the BESST Trial. 39th Annual American Society of Regional Anesthesia and Pain Medicine Meeting, Chicago, IL, April 5, 2014.

***Hartrick CT**. Pain pharmacology: Special considerations in the elderly. WIP World Congress Abstracts; 2014;7:56.

***Hartrick CT**. Establishing treatment goals in chronic pain. WIP World Congress Abstracts; 2014;7:41.

***Hartrick CT**. Editors roundtable discussion: Why articles do not get accepted. 19th Annual Advanced Pain Conference and Practical Workshop: Program Book and Syllabus, p 37, 2014.

Silvasi DL, ***Hartrick CT**, **Pestano C**, Qu G. SCIP safety checklist/improving handover and follow-up. Michigan Surgical Quality Collaborative 2014;P6.

Yaldou BJ, ***Hartrick CT**, Mounayer MH, **Pestano C**, **Hartrick S**, Qu G. Femoral infusion with either sciatic block or intra-articular analgesics for total knee arthroplasty. ASA Abstracts. 2014; A5032.

***Hartrick CT**. Role of glia in chronic pain. 16th Annual Pain Management Symposium, Cleveland Clinic Foundation, Las Vegas, NV, February 15, 2014.

***Hartrick CT**. Medical management of neuropathic pain. 16th Annual Pain Management Symposium, Cleveland Clinic Foundation Las Vegas, Nevada, February 17, 2014.

Anesthesiology and Perioperative Medicine

Research Presentations:

***Hartrick CT.** Pain pharmacology: Special considerations in the elderly. Topical Seminar 9: Pain treatment in the elderly. 7th World Congress, World Institute of Pain, Maastricht, Netherlands, May 9, 2014.

***Hartrick CT.** Establishing treatment goals in chronic pain, plenary session. 7th World Congress, World Institute of Pain, Maastricht, Netherlands, May 8, 2014.

***Hartrick CT.** Publication success: Ethical perspectives. Editors roundtable discussion: Why articles do not get accepted. 19th Annual Advanced Pain Conference and Practical Workshop: WIP, Budapest, Hungary, August 27, 2014.

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

***Hartrick CT.** REMS education: What prescribers need to know about opioids. Beaumont Health System, Association for Hospital Medical Education (AHME), in cooperation with the Collaborative on REMS Education (CO*RE); <http://meded.beaumont.edu/opioidcme>, January 2014.

BIOBANK

Peer-Reviewed Articles:

Ahmed S, Shaffer A, **Geddes T**, Studzinski D, Mitton K, **Pruetz BL**, et al. Evaluation of optimal RNA extraction method from human carotid atherosclerotic plaque. *Cardiovas Pathol*, published online December 5, 2014.

Akervall JA, Nandalar S, Zhang J, Qian CN, Goldstein N, Gyllerup P, et al, [**Wilson GD**]. A novel panel of biomarkers predicts radioresistance in patients with squamous cell carcinoma of the head and neck. *European Journal of Cancer*. 2014 Feb;50(3):570-81.

*Baschnagel AM, Williams L, Hanna A, Chen PY, Krauss DJ, **Pruetz BL**, et al, [**Akervall JA**, **Wilson GD**]. C-Met expression is a marker of poor prognosis in patients with locally advanced head and neck squamous cell carcinoma treated with chemoradiation. *International Journal of Radiation Oncology Biology Physics*. 2014 Mar 1;88(3):701-7.

Masterson L, **Thibodeau BJ**, **Fortier LE**, **Geddes TJ**, **Pruetz BL**, Malhotra RK, et al, [**Wilson GD**]. Gene expression differences predict treatment outcome of merkel cell carcinoma patients. *Journal of Skin Cancer*, published online January 30, 2014.

Nagar S, **Ahmed S**, Peeples C, Urban N, Boura J, **Thibodeau BJ**, et al, [**Akervall JA**, **Wilson GD**]. Evaluation of genetic biomarkers for distinguishing benign from malignant thyroid neoplasms. *American Journal of Surgery*. 2014 April, 207(4):596-601.

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*, published online December 7, 2014.

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Wilson GD, **Thibodeau BJ**, **Fortier LE**, **Pruetz BL**, Galoforo S, *Baschnagel AM, et al. Glucose metabolism gene expression patterns and tumor uptake of ¹⁸F-Fluorodeoxyglucose after radiation treatment. *Int J Radiation Oncol Biol Phys*, 2014 Nov 1;90(3):620-7.

Wilson GD, ***D'Angelo K**, **Pruetz BL**, **Geddes TJ**, **Larson DM**, **Akervall JA**. The challenge of sustaining a hospital-based biobank and core molecular laboratory: The Beaumont Experience. *Biopreserv Biobank* 2014 Oct; 12(5):306-11.

Zhang PL, Mashni JW, Sabbisetti VS, Schworer CM, **Wilson GD**, **Wolforth SC**, et al, [**Geddes TJ**]. Urine kidney injury molecule-1: A potential non-invasive biomarker for patients with renal cell carcinoma. *Int Urol Nephrol*. 2014 Feb; 46(2):379-88.

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*Baschnagel A, Stone BM, **Thibodeau BJ, Fortier LE, Ahmed S, Geddes TJ**, et al, [**Ketelsen BE, Pruetz BL, Wilson GD**]. The effects of neoadjuvant chemoradiation on gene expression patterns of pancreatic ductal adenocarcinoma. International Journal of Radiation Oncology Biology Physics, Vol 90, Issue 1, Supplement, S360-S361. 56th Annual Meeting of the American Society for Radiation Oncology, San Francisco, CA, September 14-17, 2014.

Chen N, **Thibodeau BJ**, Prada A, Gibson J. Development of simple and cost-effective next generation sequencing assay for implementation in the molecular diagnostic laboratory. American College of Medical Genetics and Genomics (ACMG) Annual Clinical Genetics Meeting, Nashville, TN, March 25-29, 2014.

***D'Angelo K, Geddes TJ, Pruetz BL, Akervall JA, Wilson GD**. The sustainability of biorepositories: The ethical dilemmas of informed consent in the face of commercialization. International Society for Biological and Environmental Repositories (ISBER) Annual Meeting, Orlando, FL, May 19-23, 2014.

Geddes TJ, Ahmed S, Fortier LE, Thibodeau BJ, Pruetz BL, Condit K, et al, [**Akervall JA, Wilson GD**]. A comprehensive multidisciplinary biorepository and core molecular laboratory quality program. International Society for Biological and Environmental Repositories (ISBER) Annual Meeting, Orlando, FL, May 19-23, 2014.

Larson DM, Wilson GD, Akervall JA, Geddes TJ, Pruetz BL, *D'Angelo K. Expansion of a multidisciplinary biobank to a sister satellite. International Society for Biological and Environmental Repositories (ISBER) Annual Meeting, Orlando, FL, May 19- 23, 2014.

Lee KC, **Thibodeau BJ, Fortier LE, Pruetz BL**, Galoforo S, *Chunta J, et al, [**Wilson GD**]. Glucose metabolism gene expression patterns and tumor uptake of ¹⁸F-FDG following radiation treatment. International Journal of Radiation Oncology Biology Physics, Volume 90, Issue 1, Supplement, Page S795. 56th Annual Meeting of the American Society for Radiation Oncology, San Francisco, CA, September 14-17, 2014.

Pezeshkian G, Donnelly C, Tamburo K, **Geddes TJ**, Madlambayan G. Endothelial cell activation mediates leukemia, cell growth, proliferation and susceptibility to chemotherapy contributing to leukemia relapse. International Society for Stem Cell Research (ISSCR) 12th Annual Meeting, Vancouver, Canada, June 18-21, 2014.

Pruetz BL, Geddes TJ, Thibodeau BJ, Fortier LE, Ketelsen BE, Kelley Z, et al, [**Akervall JA, Wilson GD**]. Streamlining translational research through integrated biobanking and core facilities. International Society for Biological and Environmental Repositories (ISBER) Annual Meeting, Orlando, FL, May 19-24, 2014.

Singhal S, Fulton M, **Geddes TJ, Thibodeau BJ, Wilson GD**, Hafron J, Banes-Berceli A. Alterations in Janus (JAK2)/signal transducer of activated transcription (STAT) signaling pathway in human renal cell carcinoma. Experimental Biology Annual Meeting, San Diego, CA, April 26-30, 2014.

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Abstracts/Posters: continued

Stone B, *Baschnagel AM, **Thibodeau BJ, Fortier LE, Geddes TJ, Pruetz BL, et al, [Ketelsen BE, Wilson GD]**. Gene expression patterns in pancreatic neuroendocrine tumors suggest resistance to radiation therapy. International Journal of Radiation Oncology Biology Physics, Vol 90, Issue 1, Supplement, S768. 56th Annual Meeting of the American Society for Radiation Oncology, San Francisco, CA, September 14-17, 2014.

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Akervall JA, Jewell S, Blanc V, Tomlinson T, Carey TE, Mikkelsen T. An inter-institutional collaborative effort to improve the management of biospecimen collections and subsequent translational research. ISBER 2014 Annual Meeting, Orlando, FL, May 19-23, 2014.

Akervall JA (presented by Barb Pruetz). Sustaining the biobank: the Beaumont strategy. Great Lakes Biorepository Network Scientific Conference, Grand Rapids, MI, November 18, 2014.

Baschnagel A, **Thibodeau BJ, Fortier LE, Geddes TJ, Pruetz BL, Ketelsen BE**, et al, [**Wilson GD**]. The effect of neoadjuvant chemoradiation on gene expression patterns of pancreatic adenocarcinoma. 48th Annual Meeting of the Pancreas Club, Chicago, IL, May 2-3, 2014.

Geddes TJ. A comprehensive multidisciplinary biorepository and core molecular laboratory quality program. 7th Annual Biorepositories and Sample Management Conference, Boston, MA, September 15-17, 2014.

Geddes TJ. A comprehensive multidisciplinary biorepository and core molecular laboratory quality program. Great Lakes Biorepository Network Scientific Conference, Grand Rapids, MI, November 18, 2014.

Thibodeau BJ, Baschnagel A, Williams L, **Fortier LE, Ketelsen BE, Geddes TJ**, et al, [**Pruetz BL, Wilson GD, Akervall JA**]. Differential gene expression in recurrent head and neck squamous cell carcinoma. IFHNOS 2014 5th World Congress & AHNS Annual Meeting, New York, NY, July 26-30, 2014.

Thibodeau BJ. Novel biomarkers in head and neck cancer: Differential gene expression in recurrent squamous cell carcinoma of the larynx. Beaumont Interdisciplinary Oncology Symposium, Troy, MI, October 17-18, 2014.

Wilson GD. DNA mapping of cancer tumors. 17th Annual Beaumont Medical Staff Educational Symposium, Boyne Mountain Resort, Boyne Falls, MI, June 21, 2014.

Wilson GD. Head and neck cancer research. Beaumont Interdisciplinary Oncology Symposium, Troy, MI, October 17-18, 2014.

BioBank

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Akervall JA. Biomarkers predict effectiveness of radiation treatments for cancer. Science Daily, March 27, 2014. <http://www.sciencedaily.com/releases/2014/03/140327123713.htm>.

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Akervall JA. Beaumont moves toward personalized cancer treatment. D Business Magazine, March 28, 2014. <http://www.dbusiness.com/DBusiness/March-April-2014/Biomarkers-Predict-Effectiveness-of-Cancer-Treatments/>.

Akervall JA. Biomarkers may predict radiotherapy's effectiveness in head and neck. AuntMinnieEurope, March 31, 2014. <http://www.auntminnieeurope.com/index.aspx?sec=nws&sub=thd&pag=dis&itemId=609683>

Akervall JA. Biomarkers determine efficiency of radiation treatments for head and neck cancer patients. Health Imaging HUB, April 1, 2014. <http://www.healthimaginghub.com/news/digital-radiography/4902-biomakers-determine-efficiency-of-radiation-treatments-for-head-and-neck-cancer-patients.html>.

CARDIOVASCULAR DISEASE

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Abbas AE, Franey LM, Lester S, Raff GL, 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.* 2014;32:372-82.

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 (ENCINO). *Ren Fail.* 2014 Dec 18:1-5.

Al-Mallah MH, Qureshi W, Lin FY, Achenbach S, Berman DS, Budoff MJ, et al, [**Chinnaiyan KM, Raff GL**]. Does coronary CT angiography improve risk stratification over coronary calcium scoring in symptomatic patients with suspected coronary artery disease? *Eur Heart J Cardiovasc Imaging.* 2014;15:267-74.

Armstrong K, **Dixon SR**, May S, Patricolo GE. Anxiety reduction in patients undergoing cardiac catheterization following massage and guided imagery. *Complement Ther Clin Pract.* 2014 Nov;20(4):334.

Arsanjani R, Berman DS, Gransar H, Cheng VY, Dunning A, Lin FY, et al, [**Chinnaiyan KM, Raff GL**]. Left ventricular function and volume with coronary CT angiography improves risk stratification and identification of patients at risk for incident mortality. *Radiology* 2014;273:70-7.

Barnes G, Gu X, Haymrt B, Rogers Eva, **Almany S**, Kozlowski J, Kaatz S, et al. The predictive value of the CHADS2 and CHADS VASC score for bleeding risk in atrial fibrillation: The MAQI experience. *Thrombosis Research.* 2014;134 294-299.

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Hulten E, Villines TC, Cheezum MK, Berman DS, Dunning A, Achenbach S, et al, [Chinnaiyan KM, Raff GL]. Calcium score, coronary artery disease extent and severity, and clinical outcomes among low Framingham risk patients with low vs high lifetime risk. *J Nuclear Cardiol*. 2014;21(1):29-37.

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Kennedy AS, Ball D, Cohen SJ, Cohn M, Coldwell DM, et al, [**Savin M**]. Pre-^{90Y} hepatic radiotherapy hemoglobin and liver functions to predict overall survival in unresectable, chemotherapy-refractory metastatic colorectal cancer. American Society of Clinical Oncology (ASCO) Gastrointestinal Cancers Symposium, San Francisco, CA, January 16-18, 2014.

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Kennedy AS, Ball D, Cohen SJ, Cohn M, Coldwell DM, et al, [**Savin M**]. Safety and efficacy of radioembolization in elderly (≥70 years) and very elderly (≥75 years) patients compared with younger patients with unresectable liver-dominant colorectal cancer. American College of Radiation Oncology (ACRO) Annual Meeting, Orlando, FL, February 27-March 1, 2014.

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Kennedy AS, Ball D, Cohen SJ, Cohn M, Coldwell DM, et al, [**Savin M**]. Multicenter evaluation of the safety and efficacy of radioembolization with 90Y resin microspheres in 606 patients with unresectable colorectal liver metastases. American College of Radiation Oncology (ACRO) Annual Meeting, Orlando, FL, February 27-March 1, 2014.

Khan M, Wang AM, Jain R, Dalen K. Carotidynia: A diagnostic challenge. American Society of Neuroradiology 52nd Annual Symposium (ASNR), Montreal, Quebec, Canada, May 17-22, 2014.

Khan M, Wang AM, Silbergleit R, Wong J. Erdheim-Chester disease: Orbital manifestations of a rare disease. American Society of Head and Neck Radiology (ASHNR), Seattle, WA, September 10-14, 2014.

Khan M, Wang AM, Jain R. Meckel's cave dwellers: A review of tumors and tumor mimickers. American Society of Neuroradiology 52nd Annual Symposium (ASNR), Montreal, Quebec, Canada, May 17-22, 2014.

***Khayyat N, Bajwa A, Goncalves L.** Metabolic none disease: Nuclear imaging spectrum of rare and frequent findings: Correlation with other imaging modalities and pathologic changes. Association of University Radiologists (AUR), Baltimore, MA, April 1-4, 2014.

***Khayyat N, Bajwa A, Goncalves L.** The new PET/MRI is in your department: How to read the MRI as a nuclear medicine physician in a quick and easy way. Society of Nuclear Medicine and Molecular Imaging 2014 (SNMMI), St. Louis, MO, June 7-11, 2014.

Diagnostic Radiology and Molecular Imaging

Abstracts/Posters: continued

***Khayyat N, Bajwa A, Goncalves L.** Rare and common benign findings, incidentals and artifacts of F-18 PDG/CT Scan in head and neck imaging: Illustrative case examples. Society of Nuclear Medicine and Molecular Imaging 2014 (SNMMI), St. Louis, MO, June 7-11, 2014.

***Khayyat N, Bajwa A, Goncalves L.** Evaluation of benign and malignant liver lesions on MRI and PET scans, systemic approach. Society of Nuclear Medicine and Molecular Imaging (SNMMI), St. Louis, MO, June 7-11, 2014.

***Khayyat N, Sokhandon F, Shetty M, Jafri SZ.** Rare and common findings, incidentals and Artifacts of F-18 FDG PET/CT scan: Illustrative case examples. Society of Abdominal Radiology Scientific Meeting and Educational Course (SAR), Boca Raton, FL, March 23-28, 2014.

***Khayyat N, Shetty M, Jafri SZ, Sokhandon F.** Spectrum of benign incidental findings and artifacts of F-18 FDG PET/CT scan: Illustrative case examples. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014.

***Khayyat N, Shetty M, Sokhandon F, Jafri SZ.** Yttrium-90 microspheres radioembolization treatment for primary and secondary liver malignancies: The role of the nuclear medicine physician. Society of Abdominal Radiology 2014 Scientific Meeting and Educational Course (SAR), Boca Raton, FL, March 23-28, 2014.

***Kirk L, Barry K, Dalen K, Wang AM.** Atypical MRI presentation of surgically proven intradural spinal hematoma involving the cervicothoracic and lumbar spine with imaging findings mimicking an epidural hematoma. American Society of Spinal Radiology Annual Symposium (ASSR), Miami, FL, February 13-16, 2014.

***Kirk L, Krishnan A, Silbergleit R, Margiewicz S.** B0 diffusion map: A "poor man's" susceptibility or the real deal? Retrospective comparison of B0 diffusion weighted MRI images of the brain with T2* Gradient Recalled Echo (GRE) sequence in detection of parenchymal hemorrhages in trauma. American Society of Neuroradiology 52nd Annual Symposium (ASNR), Montreal, Quebec, Canada, May 17-22, 2014.

***Kirk L, Patel S, Wang AM, Silbergleit R, Krishnan A.** Review of neuroimaging spectrum of pathology involving the lumbar spine paraspinal muscles and psoas muscles. American Society of Neuroradiology 52nd Annual Symposium (ASNR), Montreal, Quebec, Canada, May 17-22, 2014.

***Kirk L, Patel S, Jain R, Wang AM, Barry K.** Unilateral cerebral hemisphere diseases. American Roentgen Ray Society (ARRS), San Diego, CA, May 4-9, 2014.

Kramer J, Wilseck J, Goncalves L. What's wrong with this picture: Congenital midline facial anomalies. American Society of Head and Neck Radiology 2014 (ASHNR), Seattle, WA, September 10-14, 2014.

Kramer J, Noujaim S. Respiratory distress and cyanosis in newborns and infants related to upper airways obstruction: A partial approach and pictorial review. American Society of Head and Neck Radiology (ASHNR), Seattle, WA, September 10-14, 2014.

Diagnostic Radiology and Molecular Imaging

Abstracts/Posters: continued

Mahajan P, Handel J. "Clipolith" Mirizzi Syndrome. Digestive Disease Interventions Annual Meeting (DDI), Cleveland, Ohio, September 26-28, 2014.

Margiewicz S, Doshi S. Effectively and efficiently evaluating incidental calcified and ossified bodies. American Society of Emergency Radiology (ASER), Portland, OR, September 10-13, 2014.

McIntyre E, **Bloom D**, Khandhar P. Posterior reversible encephalopathy syndrome in Henoch-Schonlein purpura without proteinuria in a pediatric patient. 43rd Critical Care Congress Society of Critical Care Medicine, San Francisco, CA, January 9-13, 2014.

***Metz T, Harb J, Al-Katib S.** Intraventricular obstructive hydrocephalus and subependymal nodules: A case of anaplastic astrocytoma with subependymal spread. American Society of Neuroradiology 52nd Annual Symposium (ASNR), Montreal, Quebec, Canada, May 17-22, 2014.

Miller D, Wang AM, Krishnan A, Donev K, Silbergleit R. Pineal region tumors: Pictorial review and pathologic correlation. American Society of Neuroradiology 52nd Annual Meeting, Montreal, Quebec, Canada, May 17-22, 2014.

***Nail C, Yadavalli S.** Radiologic evaluation of pubic and parasymphyseal pathology: A pictorial essay. American Roentgen Ray Society (ARRS), San Diego, CA, May 4-9, 2014.

Rebner M. Mammography update-BIRADS V. Radiological Society of North American (RSNA), Chicago, IL, November 30-December 5, 2014.

Ross D, Maerz T, Kurdziel M, **Doshi S**, Bedi A, Baker KC, et al. The effect of granulocyte colony stimulating factor (G-CSF) on rat rotator cuff healing following acute injury repair. Orthopaedic Research Society 60th Annual Meeting (ORS), New Orleans, LA, March 15-18, 2014. American Academy of Orthopaedic Surgeons Annual Meeting (AAOS), New Orleans, LA, March 19-13, 2014.

Sanders T, Barry K, Patel S. Neuroimaging challenges in the diagnosis of multisystem atrophy: What every radiologist needs to know. American Society of Neuroradiology 52nd Annual Symposium (ASNR), Montreal, Quebec, Canada, May 17-22, 2014.

Smillie R, Shetty M, Boyer A, Madrazo B, **Jafri SZ.** Imaging findings of the inferior vena cava: A pictorial of congenital and acquired processes affecting the IVC. Radiological Society of North America 2014 (RSNA), Chicago, IL, November 30-December 4, 2014.

Smillie R, Shetty M, Amin M, Jafri SZ. Inferior vena cava neoplasms: A pictorial review of common and uncommon malignancies involving the IVC. Society of Abdominal Radiology Scientific Meeting and Educational Course (SAR), Boca Raton, FL, March 23-28, 2014.

Vekaria S, Yadavalli S, Kirsch A. Beyond fractures: Evaluating the hip in the emergency setting. American Society of Emergency Radiology (ASER), Portland, OR, September 10-13, 2014.

Diagnostic Radiology and Molecular Imaging

Abstracts/Posters: continued

Voyvodic J, DeYoe E, Mathis J, Elsinger C, Petrella J, et al, [Zhou Y]. fMRI digital reference object development: Preliminary results. Radiological Society of North American (RSNA), Chicago, IL, November 30-December 5, 2014.

*Walsh E, Friedlander J, Kirsch M, Handel J, Savin M, Dixit P. Port complications: What you need to diagnose and manage. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014.

Wiater BP, Moravek J, Pinkas D, Koueiter D, 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, 2014.

Research Presentations:

Al-Faham Z, Jolepalem P, Rydberg J, Wong CO. Semi-automated quantitation of Tc-99m pertechnetate trapping as an index thyroid function. Central Chapter Society of Nuclear Medicine (CCSNMMI), Ann Arbor, MI, March 15-16, 2014.

Bannazadeh M, Jenkins C, Forsyth A, Kramer J, Bove P, Long G. Does iliac artery aneurysm increase secondary intervention rates after EVAR? Society of Clinical Vascular Surgery (SCVS) 42nd Annual Symposium, Carlsbad, CA, March 18-22, 2014.

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*Goldin D, Bahoura L, George D, Reich S, Chen C, Campbell J, et al, [Savin M]. Tumor-to-normal particle deposition ratio in primary versus secondary liver malignancies: Impact on tumor dose and radioembolization treatment planning. Society of Interventional Radiology Annual Meeting (SIR), San Diego, CA, March 23-28, 2014.

*Goldin D, George D, Reich S, Bahoura L, Emerson S, Campbell J, et al, [Savin M]. Carcinoembryonic Antigen (CEA) response after initial single or multi-session radioembolization for colorectal cancer: Analysis of cumulative delivered radioactivity and dose. Cardiovascular & Interventional Radiological Society of Europe 2014 (CIRSE), Glasgow, Scotland, September 13-17, 2014.

*Goldin D, Jack D, Walsh E, Handel J, Savin M. Bevacizumab-associated angiographic findings and complications during radioembolization planning and treatment in metastatic colorectal patients. World Conference of Interventional Radiology (WCIO), New York, NY, May 11-14, 2014.

Diagnostic Radiology and Molecular Imaging

Research Presentations: continued

Jolepalem P, Rydberg J, Wong CO, Wu D. Dual time 18F FDG PET of solitary pulmonary nodules can predict growth rates and disease progression in non-small cell lung carcinoma. Michigan Radiological Society (MRS) Meeting, Novi, MI, January 24, 2014. American College of Nuclear Medicine (ACNM) 40th Annual Meeting, Palm Springs, CA, February 6-9, 2014.

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Lack B, Bis K, Gallagher M, Shanon F, Vrachliotis T. Comprehensive analysis of benign cardiac masses: Pathology, imaging, appearance spectrum on MRI with CT correlation and differential diagnosis. Radiological Society of North America 2014 (RSNA), Chicago, IL, November 30-December 4, 2014.

Margiewicz S, Krishnan A. Split cord malformation diagnosed on fetal MRI with large fibro-osseous spur-benefit of fetal MRI in prenatal assessment and management. American Society of Spine Radiology 2014 Annual Symposium (ASSR), Miami Beach, FL, February 13-16, 2014.

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

Agrawal R, Silbergleit R, Singla R. Bensons Syndrome. Classic case of the week. American Journal of Neuroradiology. August 11, 2014. <http://www.ajnr.org/site/imgquiz/08112014qz.xhtml>.

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Jolepalem P, Fink/Bennett D. Radioimmunotherapy: Future directions for an underutilized, but highly effective therapy. American College of Nuclear Medicine, Nuclear Medicine Resident Organization (acnmonline.org), Virtual Journal Club, May 22, 2014.

Other Publications (non peer-reviewed):

Boyer A, Jafri SZ, Admin M. Society of Uroradiology unknown case of the day. Society of Abdominal Radiology 2014 Scientific Meeting and Educational Course (SAR), Boca Raton, FL, March 23-28, 2014

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EMERGENCY MEDICINE

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Bortsov AV, Platts-Mills TF, Peak DA, et al, [**Swor RA**]. Effect of pain location and duration on life function in the year after motor vehicle collision. *Pain*. 2014;155(9):1836-45.

Gillespie GL, Gates DM, **Kowalenko T**, Bresler S, Succop P. Implementation of a comprehensive intervention to reduce physical assaults and threats in the emergency department. *J Emerg Nurs*. 2014;40(6):586-91.

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Kule A, **Hang B**, **Bahl A**. Preventing the collapse of a peripheral vein during cannulation: An evaluation of various tourniquet techniques on vein compressibility. *J Emerg Med*. 2014;46(5):659-66.

Lerner EB, Willenbring BD, Pirralo RG, et al, [**Swor RA**]. A consensus-based criterion standard for trauma center need. *J Trauma Acute Care Surg*, 2014;76(4):1157-63.

Lewis LM, Graffeo C, Crosley P, et al, [**Clark CL**]. Ecallantide for the acute treatment of angiotensin-converting enzyme inhibitor-induced angioedema. *Ann Emerg Med*. 2015;65(2):204-13.

Lundbye J, Adams MP, **Sawyer KN**, Klein D. Targeted temperature management in nursing care. *Ther Hypothermia Temp Manag*. 2014;4(3):111-4.

McClean SA, Ulirsch JC, Slade GD, et al, [**Swor RA**]. Incidence and predictors of neck and widespread pain after motor vehicle collision among US litigants and nonlitigants. *Pain*, 2014; 155(2):309-21.

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Emergency Medicine

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Sun BC, McCreath H, Liang LJ, et al, [**Clark CL, Bastani A**]. Randomized clinical trial of an emergency department observation syncope protocol versus routine inpatient admission. *Ann Emerg Med*. 2014; 64(2):167-75.

Ulirsch JC, Weaver MA, Bortsov AV, et al, [**Swor RA**]. No man is an island: Living in a disadvantaged neighborhood influences chronic pain development after motor vehicle collision. *Pain*. 2014;155(10):2116-23.

Book Chapter or Full Book Publications:

Walters B, Holleran R, **Kowalenko T**. Violence and security in the Emergency Department. *Emergency Department Leadership: Principles and Applications*, Strauss RW, Mayer TA (eds). 2014, McGraw-Hill Education, New York, NY.

Abstracts/Posters:

Anderson W, Morse J, Loch D, **Shakeel F, Pople B, Marsack P, Bastani A**. Durable medical equipment prosthetic orthopedic supplies represent a significant and overlooked source of revenue capture for emergency departments. Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 13-17, 2014.

Bagan M, Bahl A, Brackney A, Joseph S. Comparison of ultrasound and plain radiography for the detection of long bone fractures. *Ann Emerg Med*. 2014;64(4): S24.

Bastani A, Donaldson D, Cloutier D, et al. Streamlining patients with isolated hip fractures from the emergency department to the operating room utilizing a novel hip fracture pathway. *Ann Emerg Med*. 2014;64(4): S101-S102.

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Emergency Medicine

Abstracts/Posters: continued

Clark CL, Hartshorn J, Le J, McElreath K, **Sawyer KN**, **Swor RA**. Anticoagulant use in recent onset atrial fibrillation patients in a large suburban ED before novel anticoagulants became easily available. Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 13-17, 2014.

Deutsch L, **Paternoster R**, Putman K, Fales W, **Swor RA**. Care for cardiac arrest on golf courses: Still not up to par? *Prehosp Emerg Care*, 2014; 18(1):134.

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Jones CMC, Fisher SG, Lerner EB, Seplaki CL, Veazie PJ, Cushman JT, [**Swor RA**]. The ability of the field triage decision scheme to identify high-risk older adults who need trauma center resources. Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 13-17, 2014.

Joseph S, **Brachney A**, **Bahl A**. A prospective review of survival rates of ultrasound guided peripheral IV catheters. Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 13-17, 2014.

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McIntyre E, Bloom D, **Khandhar P**. Posterior reversible encephalopathy syndrome in HSP without proteinuria in a pediatric patient. Society of Critical Care Medicine, San Francisco, CA, January 9-13, 2014.

Menoch M, Simon H, Hirsh D, Baxter A, Sturm J. Imaging rates (CT and US) for suspected appendicitis: Variation between two different models within a single healthcare system. Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 13-17, 2014.

Pereira GF, Mclean SA, Tkacik TJ, **Swor RA**, et al. Pain, distress, and anticipated recovery for older versus younger emergency department patients after motor vehicle collision. *BMC Emerg Med*. 2014;14(1):215.

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Emergency Medicine

Abstracts/Posters: continued

Pople B, Shah P, Pilotto J, Marsack P, Bastani A. An opportunity for real-time guidance: Suboptimal antibiotic prescribing patterns among emergency physicians for uncomplicated UTIs and pyelonephritis. Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 13-17, 2014.

Silva J, **Sawyer KN, Bastani A, Swor RA,** The effect of EMS prehospital catheterization lab activation on mortality, length of stay, and cost for ST-elevation myocardial infarction patients. National Association for EMS Physicians Annual Meeting, Tucson, AZ, 2014 Prehosp Emerg Care: 18(1):131.

Stahl AR, Qu L, **Swor RA, Sawyer KN.** Risk stratification of pulmonary embolism in the ED: There is room for improvement. Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 13-17, 2014.

Swor RA, Ziadeh J, Jayasankar S. Comparison of attending only vs. resident with attending supervision Press Ganey scores in ED patients. Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 13-17, 2014.

VanRaemdonck, J, McLean K, Turkelson C, **Sawyer KN,** Devlin W, **Swor RA.** Delayed awakening is not uncommon after post cardiac arrest therapeutic hypothermia. Society for Academic Emergency Medicine Annual Meeting, Dallas, TX, May 13-17, 2014.

Willenbring B, Lerner B, Brasel K, Cushman J, Guse C, Shah M, **Swor RA.** Operationalization a consensus based gold standard definition of trauma center need. National Association for EMS Physicians Annual Meeting, Tucson, AZ, January 16-18, 2014. Pediatric Emergency Care:18(1):139.

Collaborative Efforts:

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Kowalenko T, Carius ML, Korte RC, Miller MC, Reisdorff EJ. Emergency department quality improvement activity: An inventory from the American Board of Emergency Medicine Maintenance of Certification program. Acad Emerg Med. 2015; 22(3):367-72.

Peacock F, Beckley P, **Clark CL,** Disch M, Hewins K, Hunn D, et al. Recommendations for the evaluation and management of observation services: A consensus white paper: The Society of Cardiovascular Patient Care. Crit Pathw Cardiol. 2014 Dec:13(4):163-98.

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Emergency Medicine

Collaborative Efforts: continued

Smith-Coggins R, Baren JM, Beeson MS, [Kowalenko T], et al. American Board of Emergency Medicine report on residency training information (2013-2014), American Board of Emergency Medicine. Ann Emerg Med. 2014; 63(5):637-45.

FAMILY MEDICINE

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Mulhem E, Boyanton BL Jr, Robinson-Dunn B, Ebert C*, **Dzebo R**. Performance of the Affirm VP-III using residual vaginal discharge collected from the speculum to characterize vaginitis in symptomatic women. J Low Genit Tract Dis. 2014 Oct;18(4):344-6.

*Taylor JLE, **Oleszkowicz A**. Is methylphenidate useful for teenagers with attention deficit/hyperactivity disorder (ADHD)? Evidence Based Practice 2014; 17(5):12.

Oleszkowicz A, Kopp A. What is the risk of seizures with live virus vaccines? Evidence Based Practice 2014; 17(11):10-11.

Other Publications (non peer-reviewed):

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Mulhem E. What are the benefits and harms of screening for prostate cancer? Cochrane Clinical Answers 2014

Mulhem E. In people with type 2 diabetes mellitus, what are the effects of the adenosine-diphosphate (ADP) receptor antagonists clopidogrel or ticlopidine for the secondary prevention of cardiovascular disease? Cochrane Clinical Answers 2014

Mulhem E. In healthy children, what are the benefits and harms of vaccines for preventing influenza? Cochrane Clinical Answers 2014

Mulhem E. In adults with hypercholesterolemia, is there randomized controlled trial evidence to support the use of isoflavones? Cochrane Clinical Answers 2014

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Mulhem E. In people with unilateral peripheral vestibular dysfunction, what are the effects of vestibular rehabilitation? Cochrane Clinical Answers 2014

INTEGRATIVE MEDICINE

Peer-Reviewed Articles:

Armstrong K, Dixon SR, May S, **Patricolo GE**. Anxiety reduction in patients undergoing cardiac catheterization following massage and guided imagery. Complement Ther Clin Pract. 2014 Nov;20(4):334.

SUBSPECIALTY DIVISIONS OF INTERNAL MEDICINE

ALLERGY

GASTROENTEROLOGY and HEPATOLOGY

GENERAL INTERNAL MEDICINE

GERIATRICS

HEMATOLOGY / ONCOLOGY

COMPREHENSIVE BREAST CARE CENTER

INFECTIOUS DISEASES

NEPHROLOGY

NEUROLOGY

NUTRITION and PREVENTIVE MEDICINE

PALLIATIVE CARE

ALLERGY

Peer-Reviewed Articles:

Lauter CB. Idiopathic capillary leak syndrome. J Allergy Clin Immunol 2014;133(2)S:AB28.

Abstracts/Posters:

Lauter CB. Capillary leak syndrome. American Academy of Allergy, Asthma & Immunology, San Diego, CA, February 28-March 4, 2014.

Collaborative Efforts:

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GASTROENTEROLOGY and HEPATOLOGY

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***Co MJ, Ghaith G, Amin M, Cappell MS.** Chronic vomiting from esophageal stenosis due to a congenital, ectopic, tracheobronchial ring within the esophagus: Endoscopic and endoscopic ultrasound findings. *Gastrointest Endosc.* 2014 Dec; 80(6):1178-1179.

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Jaurigue MM, Cappell MS. Therapy for alcoholic liver disease. *World J Gastroenterol.* 2014 Mar 7; 20(9):2143-2158.

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Gastroenterology and Hepatology

Peer-Reviewed Articles: continued

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Gastroenterology and Hepatology

Abstracts/Posters:

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GENERAL INTERNAL MEDICINE

Peer-Reviewed Articles:

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Yadav S, Chisti MM, **Rosenbaum L, Barnes MA**. Intravascular large B cell lymphoma presenting as cholecystitis: Diagnostic challenges persist. *Ann Hematol*, 2014 Jul;93(7):1259-60.

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Abstracts/Posters:

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General Internal Medicine

Abstracts/Posters: continued

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Bossory L, **Kazanji N**, Toushan M, **Yadav S.** Don't delay, save the kidneys today. American College of Physicians (ACP) Michigan Chapter Annual Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Falatko J. Severe ARDS and pregnancy: Use every tool in the toolbox. American College of Physicians (ACP) Associates Meeting, Sterling Heights, MI, May 9, 2014. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

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General Internal Medicine

Abstracts/Posters: continued

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Gualdoni J, Siddiqui M, Barnes M. A tough nut to crack: A rare carcinoma. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

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Javed S, Dalal B. Surviving the storm. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Karnib S, Javed S, Austin M, Barnes M. Imaging for vertebral osteomyelitis can be a pain in the neck. American College of Physicians (ACP) Associates Meeting, Sterling Heights, MI, May 9, 2014.

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Kassier A, Dalal B, Smith M. When doctors do more harm than good. A case of acute respiratory failure worsened by amiodarone toxicity. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

General Internal Medicine

Abstracts/Posters: continued

Kazanji N, Paudel S, Jaurigue M, Dalal B. Weak legs, weak heart: Transient cardiomyopathy as a complication of acute inflammatory demyelinating polyradiculopathy. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Kazanji N, Skrzynski A, Falatko J. An Interesting cause of stroke in a young Vietnamese female. American College of Physicians (ACP) Nationals, Orlando, FL, April 8-13, 2014.

Kazanji N, Neupane S, Dulai M, Osetek A, Chaudhry K, Berghea R. Toxoplasmosis in the eye of the beholder. Society of General Internal Medicine Midwest Regional Meeting, Chicago, IL, September 5-9, 2014.

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Khoury Abdulla R. Chest pain in a patient with neurofibromatosis. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Khoury Abdulla R. A rare case of cyanosis in a young healthy patient. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Koneru H. Rare cause of fulminant sepsis due to capnocytophaga camimorsus. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Koneru H, **Davila F.** Fulminant hepatic failure: Drug over cancer: A case report. American College of Physicians, Michigan Chapter, Associate Meeting, Troy, MI, May 2014.

Kwon M. Persistent chest pain with mild coronary artery disease. American College of Physicians (ACP) Associates Meeting, Sterling Heights, MI, May 9, 2014.

Kwon M. Fusobacterium necrophorum liver abscess with colonic adenocarcinoma. American College of Physicians (ACP) Associates Meeting, Sterling Heights, MI, May 9, 2014.

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General Internal Medicine

Abstracts/Posters: continued

Le J, **Cowan D, Kazanji N, Gjeorgjievski M, Yadav S.** Stop the bleeding: Early recognition and treatment of acquired hemophilia A. American College of Physicians (ACP) Michigan Chapter Annual Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Marinos Velarde M. Severe presentation of viral and bacterial co-infection. American College of Physicians (ACP) Associates Meeting, Sterling Heights, MI, May 9, 2014.

Marinos Velarde M, Al-Assad W, Siddiqi M. Pyogenic myositis. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

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Mogrovejo E, Quillatupa N, Cappell M. Coexistence of hepatocellular carcinoma and small lymphocytic lymphoma in the absence of pre-damaged liver parenchyma. Society of General Internal Medicine (SGIM) Annual Meeting, San Diego, CA, April 22-25, 2014.

Nasr J. Don't stop that medication! A Parkinsonian crisis. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Neupane S, Karim M, Saad A, Pokharel R. Why is the attic flooded? A case of isolated hepatic hydrothorax in the absence of ascites. American College of Physicians (ACP) Associates Meeting, Sterling Heights, MI, May 9, 2014.

Pereira Rodrigues O, Lauter C. Bevacizumab facilitated Fournier's Gangrene. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Pereira Rodrigues O, Mogrovejo E, Quillatupa N. Epigastric pain in cirrhotic patient caused by primary gastrointestinal aspergillosis. Case report and literature review. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Sadiq S, Halalau A. I forgot how to speak English. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Siddiqui M, Barnes M, Manickam P. Neuroendocrine tumors with metastasis to liver: Two cases and literature review. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Siddiqui M, Cowan D, Keena D. Multiple necrobiotic pulmonary nodules and a large hydropneumothorax in a patient with severe rheumatoid arthritis. American Thoracic Society (ATS) International Conference. San Diego, CA, May 16-21, 2014. ATS Journals, published online May 21, 2014. American Thoracic Society/Michigan Chapter, Annual Chapter Meeting, Howell, MI, May 16-21, 2014. **First Place.**

General Internal Medicine

Abstracts/Posters: continued

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Siddiqui M, Yadav S. Another reason to not start smoking: A unique case of acute eosinophilic pneumonia. American College of Physicians Michigan Chapter Annual Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Singh D. Massive arterial bleeding after radiologic percutaneous gastrostomy: Successful hemostasis by angiographic embolization. American College of Gastroenterology (ACG) Annual Meeting, Philadelphia, PA, October 17-22, 2014.

Singh D, Purohit T, Cappell M. Severe hemorrhagic CMV colitis mimicking ulcerative colitis in an evidently immunocompetent elderly patient status-post partial colectomy for colon cancer. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014. American College of Gastroenterology (ACG) Annual Meeting, Philadelphia, PA, October 17-22, 2014.

Research Presentations:

Yadav S, Jawad MS, Wobb JS, Wilkinson JB, Yadav D, Wallace M, et al, [Barnes MA]. Outcomes of patients with triple negative breast cancer treated with radiation therapy. American Society of Clinical Oncology (ASCO) Breast Cancer Symposium, San Francisco, CA, September 4-6, 2014.

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. San Antonio Breast Cancer Symposium, San Antonio, TX, December 9-13, 2014.

GERIATRICS

Abstracts/Posters:

Michael DB, Hanna A, Hunt RJ, Martinez A, **Maddens M**, Wilson G, et al. External radiation is associated with reduction of A β plaque burden and hippocampal synaptophysin staining in a murine model of Alzheimer's Disease. Society for Neuroscience, Washington, DC, November 19-21, 2014.

Ruff S, **Imam K**. Hypopituitarism masquerading as failure to thrive in a 72-year-old woman. JAGS. Vol 62 No 10 2014-2016, October 2014.

HEMATOLOGY / ONCOLOGY

Peer-Reviewed Articles:

Chisti MM, Muslimani A, Daw H, Jaiyesimi I, Klamerus JF. Cancer associated retinopathy in non-hodgkin's lymphoma. *Global Journal of Hematology and Blood Transfusion* 1, 18-20, 2014.

Chisti MM, Tan L, Klamerus J, Lin P, Jaiyesimi I, Rehman A, Zeng X. Quartz crystal microbalance (QCM) piezo-immunosensors: A novel technique to study CD20 antigen interaction with rituximab and its clinical implications. *Blood* 124 (21), 4807, 2014.

Fawole A, Abonour R, Stender M, Shatavi S, Gaikazian S, Anderson J, et al, [Jaiyesimi I]. Is it time for preemptive drug treatment of asymptomatic (smoldering) multiple myeloma? *Leukemia & Lymphoma*, published online January 8, 2014.

Muslimani A, Chisti MM, Margolis J, Nadeau L, Ye H, Micale M, Huang J, Jaiyesimi I. Pulmonary infiltrates in acute myeloid leukemia during induction treatment: How much do we know? *Am J Clin Oncol*, 2014 Aug;37(4):377-83.

Yadav S, **Chisti MM**, Rosenbaum L, Barnes M. Intravascular large B cell lymphoma presenting as cholecystitis: Diagnostic challenges persist. *Ann Hematol.* 2014 Jul;93(7):1259-60.

Book Chapter or Full Book Publications:

Jaiyesimi I, Haller D, Wagman LD, Camphausen KA, Hoskins WJ (eds): Cancer management: A multidisciplinary approach, 16th edition, Manhasset, Y, CMP, 2014.

Abstracts/Posters:

Chisti MM, Tan L, Klamerus JF, Lin P, **Jaiyesimi I, Rehman A, Zeng X.** Quartz crystal microbalance (QCM) piezo-immunosensors: A novel technique to study CD20 antigen interaction with Rituximab and its clinical implications. *American Society of Hematology Blood* 124 (21), 4807, December 2014.

***Kumar R, *Shatavi SV, Jaiyesimi I.** Hemophagocytic lymphohistiocytosis (HLH) in patient with natural killer (NK)/T-Cell lymphoma. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014.

Collaborative Efforts:

Kizilbash SH, Ward KC, Liang JJ, **Jaiyesimi I, Lipscomb J.** Survival outcomes in patients with early stage, resected pancreatic cancer: Comparison of gemcitabine- and 5-fluorouracil-based chemotherapy and chemoradiation regimens. *Int J Clin Pract.* 2014 May;68(5):578-89.

Kotsopoulos J, Lubinski J, Moller P, Lynch HT, Singer CF, Eng C, et al, **[Zakalik D].** Hereditary breast cancer clinical study group. Timing of oral contraceptive use and the risk of breast cancer in BRCA1 mutation carriers. *Breast Cancer Res Treat.* 2014 Feb;143(3):579-86.

Hematology / Oncology

Other Publications (non peer-reviewed):

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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, published online September 9, 2014.

COMPREHENSIVE BREAST CARE CENTER

Abstracts/Posters:

Fana MD, Jawad MS, Pietron AV, Wallace M, Ye H, **Dekhne N**. Outcomes following breast conservation therapy in women 80 years of age or older. 67th Annual Society of Surgical Oncology (SSO) Conference, Phoenix, AZ, March 12-15, 2014.

INFECTIOUS DISEASES

Peer-Reviewed Articles:

Khourdaji IS, Jafri SMA, **Sims MD**. Understanding clostridium difficile infection for the urologist. AUA update series, Volume 33, lesson 10, 2014.

Lauter CB. Idiopathic capillary leak syndrome. J Allergy Clin Immunol 2014;133(2)S:AB28.

Lerner AM, Beqaj S. Beneficial response of cervical dystonia spasmodic torticollis to cidofovir, an acyclic phosphonate analog (s-l-3-hydroxy-2-phosphonylmethoxypropyl) of cytosine. Virus Adaptation and Treatment 2014:6 33-36.

***Rice C**, Yadav S, Boyanton Jr BL, Subedi P, **Band J**. Clinical problem-solving: A creeping suspicion. N Engl JMed 2014 July 3;371(1):68-73.

Shi X, **Sims MD**, Hanna MM, Xie M, Gulick PG, Zheng YH, et al. Neutropenia during HIV infection: Adverse consequences and remedies. Int Rev Immunol 2014, 33(6): 511-36.

Book Chapter or Full Book Publications:

Band J, Gaynes R. Prevention of intravenous catheter-related infections. In: Basow DS (ed). Up To Date. Wolters Kluwer Health, Inc, Waltham, MA, 2014.

Gaynes R, **Band J**. Epidemiology, pathogenesis, and microbiology of intravascular catheter infections. In: Basow DS (ed). Up To Date. Wolters Kluwer Health, Inc, Waltham, MA, 2014.

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Carpenter CF, Gilpin N: Surgical site infections (SSI). In: Johns Hopkins University Antibiotic Guide, Bartlett JG, Auwaerter PG, and Pham PA, Editors. <http://www.hopkins-abxguide.org> 2014.

Beunsalido JAL, **DeMarco CE**, Lerner SA. Mechanisms of action of antibacterial agents. In: Practical Handbook of Microbiology, 3rd ed, Goldman E and Green LH, Editors.

Abstracts/Posters:

Lauter CB. Capillary leak syndrome. American Academy of Allergy, Asthma & Immunology, San Diego, CA, February 28-March 4, 2014.

Muraleedharan C, Talreja D, Walia D, **Band J**, Kumar A, Walia S. Pathogenicity of proportion of carbapenamase (KPC) producing Klebsiella pneumonia OUII isolated from urban Clinton River water in Michigan. 114th American Society for Microbiology General Meeting, Boston, MA, May 17, 2014.

Infectious Diseases

Abstracts/Posters: continued

Sims MD, Powell K, *Sawarynski K, Chittick P, Band J. Analysis of the bacteriostatic properties of ultrasound gel associated with a known outbreak. 54th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Washington, DC, September 9, 2014.

Sims MD, Villalba P, Bai V, Powell K, Marin J, Chittick P, Band J. Molecular strains typing provides evidence supporting proposed guidelines for use of non-sterile ultrasound gel. 54th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Washington, DC, September 9, 2014.

***Talati R, Sims MD, Carpenter CF, Boyanton Jr BL.** ABCs of RSV through the EC. 54th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Washington, DC, September 9, 2014.

Powell K, Sims MD. Impact of low dose colistin (COL) and daptomycin (DAP) on acinetobacter baumannii (AB). 54th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Washington, DC, September 9, 2014.

McCaffrey N, Makin J, **Sims MD.** Do current prescribing practices for the double coverage of gram negative infections actually provide double coverage. 54th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Washington, DC, September 9, 2014.

Sims MD, Powell K, LI J, Das M, McGonagle M, Marples B. Development of a model for assaying the impact of radiation therapy on bacterial pneumonia. Oakland University-Beaumont Biomedical Research Symposium, Rochester, MI, October 31, 2014.

NEPHROLOGY

Abstracts/Posters:

Cosner D, Rooney M, Samarpungavan D, Li W, Cohn S, Mudunuri V, et al, [**Reddy GH, Rocher LL, Dumler F**]. Natural killer cells are involved in both acute antibody mediated rejection and acute cellular rejection. American Society of Clinical Pathology, Tampa, FL, October 8-10, 2014.

NEUROLOGY

Peer-Reviewed Articles:

Dass KJ, Scott MA, Galoforo SS, **Loeffler DA**, Coffey MP. Development of antihuman IgG antibodies and hematologic deficits but not clinical abnormalities in C57BL/6 mice after repeated administration of human intravenous immunoglobulin. *Comp Med*. 2014 Jun;64(3):169-70.

Grysiewicz R, Gorelick PB. Incidence, mortality, and risk factors for oral anticoagulant-associated intracranial hemorrhage in patients with atrial fibrillation. *J Stroke Cerebrovasc Dis*. 2014 Nov-Dec;23(10):2479-2488.

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***Smith LM**, Coffey MP, **Loeffler DA**. Specific binding of intravenous immunoglobulin products to tau peptide fragments. *Int Immunopharmacol*. 2014 Aug;21(2):279-82.

Verma NP. Does initial evaluation predict CPAP retitration results? *International Journal of Clinical Medicine*, 2014, Vol. 5:138-142.

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Menkes DL, Castro-Borrero W. Sexual dysfunction in clinical neurology. In: *Encyclopedia of Neurological Sciences* (2nd ed) K. Levin (ed). Oxford, UK: Elsevier: 2014, 151-154.

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NUTRITION and PREVENTIVE MEDICINE

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Bradley J, **Juliao TR**. Somatization. Family Medicine: Ambulatory Care and Prevention. 6th Edition. Edited by Henry S, Naglieri C, 2014 McGraw-Hill Education, Chapter 96: 873-881.

Abstracts/Posters:

Chehab MA, **Miller WM, Zalesin KC**, Dixit PK. Bariatric effects of decreased serum ghrelin levels: Literature review and future applications. Radiological Society of North America Annual Meeting, Chicago, IL, November 30, 2014.

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Ysunza PA. Applications of acoustic evaluations in the diagnosis and management of voice disorders. International Congress of Speech and Language Pathology. Instituto Nacional de Rehabilitacion (National Institute of Rehabilitation), Mexico City, Mexico, June 2-6, 2014.

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Ysunza PA. Workshop: Hypernasality, nasal emission, mean nasalance, nasal flow during speech, compensatory errors. International Congress of Cleft Lip and Palate and Craniofacial Anomalies, Veracruz, Mexico, October 8-12, 2014.

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Fong A, Serra A, Magbegor W, Steller J, Rad S, Turner A, et al, [**Ogunyemi D**]. Association between polyfluorochemicals and preterm birth. Society of Gynecology Investigation, Florence, Italy, March 26-19, 2014.

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Collaborative Efforts: continued

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Collaborative Efforts: continued

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OPHTHALMOLOGY

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Research Presentations: continued

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Abstracts/Posters: continued

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Pathology and Laboratory Medicine

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Fana MD, **Jawad MS**, Pietron AV, **Wallace M**, Ye H, Dekhne N. Outcomes following breast conservation therapy in women 80 years of age or older. 67th Annual Society of Surgical Oncology (SSO) Conference, Phoenix, AZ, March 12-15, 2014.

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Radiation Oncology

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Kane J, Krueger S, Dilworth JT, Torma J, Wilson G, Marples B, et al. Hematopoietic stem and progenitor cell migration after hypofractionated radiation therapy in a murine model. *Graduate Student Research Fair*, Oakland University, Rochester, MI, October 17, 2014.

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Radiation Oncology

Abstracts/Posters: continued

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Sandhu R, **Yan D**, Ionascu D. Robust characterization and patient experience of a time-resolved ultrasound system for prostate tracking. 56th Annual Meeting and Exhibition of the AAPM, Austin, TX, July 20-24, 2014.

Radiation Oncology

Abstracts/Posters: continued

Schoenherr D, Krueger SA, Galoforo S, Wilson GD, Marples B. Investigating the cellular mechanisms of low-dose pulsed radiotherapy. 60th Annual Meeting of the Radiation Research Society, Las Vegas, NV, September 21-24, 2014.

Sims M, Powell K, Li J, Das M, McGonagle M, **Marples B.** Development of a model for assaying the impact of radiation therapy on bacterial pneumonia. Oakland University Beaumont Biomedical Research Symposium, Rochester, MI, October 31, 2014.

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Radiation Oncology

Abstracts/Posters: continued

Wobb J, Krueger SA, Kane J, Grills IS, Wilson GD, Marples B. Pulsed radiotherapy maintains tumor oxygenation in a murine model of head and neck squamous cell carcinoma. Michigan Radiological Society Radiation Oncology Resident Meeting, Novi, MI, April 17, 2014. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014. 56th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Francisco, CA, September 14-17, 2014.

Yan D, *Yang K, Liang J, Krauss D, Chen P. Evaluation of image guidance and adaptive radiotherapy techniques for head and neck cancer. 56th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Francisco, CA, September 14-17, 2014.

Ye H, *Baschnagel AM, Rizvi S, Ducharme ER, Chen P, Manders MD, et al, [Krauss DJ, Maitz AH, Grills IS]. Quality of life in patients with brain metastasis treated with gamma knife radiosurgery alone using the EORTC QLQ-C30 and QLQ-BN20. International Journal of Radiation Oncology Biology Physics, Vol. 90, Issue 1, S704. 56th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Francisco, CA, September 14-17, 2014.

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Research Presentations:

***Baschnagel A, Thibodeau BJ, Fortier LE, Geddes TJ, Pruetz BL, Ketelsen BE, et al, [Stone BM, Wilson GD].** The effect of neoadjuvant chemoradiation on gene expression patterns of pancreatic adenocarcinoma. 48th Annual Meeting of the Pancreas Club, Chicago, IL, May 2-3, 2014.

Castillo E. Topics in medical image registration: Modeling, accuracy, and optimization. University of Luebeck, Institute of Mathematics and Image Computing, Colloquium, Luebeck, Germany, December 2014.

Radiation Oncology

Research Presentations: continued

Castillo E. Strain-rate imaging from recovered cardiac motion: Challenges and applications. University of Texas Austin, Institute for Computational Engineering and Sciences, Interdisciplinary Center for Economic Science (ICES) Seminar, Austin, TX, November 7, 2014.

Chavez F, **Wilson GD.** Toward MRI contrast agents for hypoxia. Oakland University Beaumont Biomedical Research Symposium, Rochester, MI, October 31, 2014.

Chen P. The evolution of accelerated partial breast irradiation: Comparative analysis of clinical outcomes with interstitial vs. balloon-based treatment. American Brachytherapy Society Annual Meeting, San Diego, CA, April 4, 2014.

Chen P. The impact of tumor volume and number of brain lesions on survival of breast cancer treatments treated with gamma knife. International Leksell Society Meeting, New York, NY, May 15, 2014.

Chen P. Surgical resection of brain metastases and the risk of recurrence in patients treated with gamma knife stereotactic radiosurgery. International Leksell Society Meeting, New York, NY, May 11-15, 2014.

Chen P. Gamma knife radiosurgery for trigeminal neuralgia. Minimally Invasive Neurological Society Annual Meeting, Detroit, MI, July 27, 2014.

Chen P. Outcomes of unsuitable patients by ASTRO guidelines treated with accelerated partial breast irradiation (APBI) via interstitial multicatheter brachytherapy: A multi-institutional collaborative study. 56th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Francisco, CA, September 14-17, 2014.

Chen P. Personalized radiation medicine for early-stage breast cancer: Brachytherapy-based accelerated partial breast irradiation (APBI) as practiced at Beaumont Hospital. Beaumont Health System Annual Symposium, Royal Oak, MI, June 20, 2014.

Ducharme E, Macina S, Manders M, Maitz A, Krauss D, Chen P, et al, [Ye H, Grills IS]. A prospective analysis of quality of life outcomes after gamma knife radiosurgery for brain metastases. International Leksell Gamma Knife Meeting, New York, NY, May 11-15, 2014.

Krueger SA, Rajaganapathy B, Chancellor MB, Marples B. Use of a small animal image-guided irradiator in the development of a rat model of radiation cystitis. Symposium on Small Animal Precision Image-Guided RadioTherapy, Vancouver, BC, Canada, August 11-13, 2014.

Manders M. Gamma knife management of radioresistant metastatic disease. Leksell Gamma knife Society Meeting, New York, NY, May 11-15, 2014.

Marples B. The radiobiological four 'R's of hypofractionation. American Society for Radiation Oncology Spring Refresher Course, New Orleans, LA, March 8, 2014.

Radiation Oncology

Research Presentations: continued

Marples B. The basics of genomic radiobiology: Concepts and clinical applications. 56th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Francisco, CA, September 14-17, 2014.

Marples B. Novel approaches for advanced radiotherapy: Radiobiological challenges. 60th Annual Meeting of the Radiation Research Society, Las Vegas, NV, September 21-24, 2014.

Sims M, Powell K, LI J, Das M, McGonagle M, **Marples B.** Development of a model for assaying the impact of radiation therapy on bacterial pneumonia. Oakland University Beaumont Biomedical Research Symposium, Rochester, MI, October 31, 2014.

Wilson GD. DNA mapping of cancer tumors. 17th Annual Beaumont Medical Staff Educational Symposium, Boyne Falls, MI, June 21, 2014.

Wilson GD. Radiation/chemoradiation and biological targeting. 56th Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Francisco, CA, September 14-17, 2014.

Wilson GD. Head and neck cancer research. Beaumont Interdisciplinary Oncology Symposium, Troy, MI, October 17-18, 2014.

Wobb J, Krueger SA, Kane J, Grills I, Wilson GD, Marples B. Pulsed radiotherapy maintains tumor oxygenation in a murine model of head and neck squamous cell carcinoma. Michigan Radiological Society, Michigan Chapter of the American College of Radiology, Radiation Oncology Resident Meeting, Novi, MI, April 17, 2014.

Wobb J, Chen PY, Shah C, Moran MS, Shaitelman SF, Vicini FA, et al. Nomogram for predicting the risk of locoregional recurrence in patients treated with accelerated partial-breast irradiation. American Society of Clinical Oncology (ASCO), San Francisco, CA, September 3-6, 2014.

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***Zhuang L, Yan D, Liang J, Ionascu D, Mangona V, *Yang K, Zhou J.** Evaluation of image guided motion management methods in lung cancer radiotherapy. Medical Physics, 41, 031911, 2014.

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

Wobb J. Nomogram predicted recurrence risk among women who underwent APBI. <http://www.healio.com/hematology-oncology/breast-cancer/news/online/%7Bc3fd7ff3-cb7a-4d9b-be5d-9c42d3b514e8%7D/nomogram-predicted-recurrence-risk-among-women-who-underwent-apbi>.

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

Wobb J. Nomogram predicts risk of locoregional recurrence after accelerated partial-breast irradiation: American Society of Clinical Oncology (ASCO), San Francisco, CA, September 3-6, 2014. <http://www.firstwordpharma.com/node/1233906#axzz3Uee8JCxs>.

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Other Publications (non peer-reviewed):

Marples B. Finger on the pulse? ASTRO News, Biologybytes, Winter 2014 Edition, pages 32-33, 2014.

Zhang T, *Kim J. Dual source dual detector tetrahedron beam computed tomography for image guided radiotherapy. US Patent Application, 2014.

RESEARCH INSTITUTE

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Research Administration

Peer-Reviewed Articles:

Chinnaiyan KM, Bilollikar AN, Walsh E, Wood D, *Depetris A, Gentry R, et al, [Boura JA]. CT dose reduction using prospectively triggered or fast-pitch spiral technique employed in cardiothoracic imaging (the CT dose study). J Cardiovasc Comput Tomogr 2014;8(3):205-14.

Dass KJ, Scott MA, Galoforo SS, Loeffler DA, Coffey M. Development of antihuman IgG antibodies and hematologic deficits but not clinical abnormalities in C57BL/6 mice after repeated administration of human intravenous immunoglobulin. Comp Med. 2014 Jun;64(3):169-70.

Loeffler DA, Klaver AC, Coffey M. A β anti-idiotypic antibodies are present in intravenous immunoglobulin and are produced in mice following its administration. Autoimmunity. 2014 Nov 13:1-5.

Nagar S, Ahmed S, Peeples C, Urban N, Boura JA, Thibodeau B, et al. Evaluation of genetic biomarkers for distinguishing benign from malignant thyroid neoplasms. American Journal of Surgery. 2014 April, 207(4):596-601.

Peters KM, Gilmer H, Feber K, Girdler B, Nantau W, Trock G, et al, [Boura JA]. US pilot study of lumbar to sacral nerve rerouting to restore voiding and bowel function in spina bifida: 3-year experience. Adv. Urol. 2014; 2014: 863209.

Peters KM, Killinger KA, Jaeger C, Chen C. A pilot study exploring chronic pudendal neuromodulation as a treatment option for pain associated with pudendal neuralgia. LUTS: Lower Urinary Tract Symptoms, 2014; DOI: 10.1111/luts12066.

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Abstracts/Posters:

Bowdon MM, Franklin B, Boura JA, Marcovitz P, *Billecke S. Effects of a 6-month exercise intervention in women at risk for cardiovascular disease. American College of Sports Medicine Annual 61st Meeting and 5th World Congress on Exercise is Medicine, Orlando, FL, May 27-31, 2014. Medicine and Science in Sports and Exercise 46(55) Supplement; 2014.

Chennamsetty A, Poushanchi B, Pew S, Hollander J, Killinger K, Coffey M, et al. Urinary incontinence and satisfaction with treatments after robotic assisted radical prostatectomy. 88th Annual Meeting of the North Central Section of American Urological Association, Chicago, IL, September 10-13, 2014.

Dukatz T, Hurst E, Golinski M, Murray R, Rice G, Rosenblatt S, et al, [Van Loon J]. Evaluation of a perioperative intravenous insulin infusion algorithm (with guidelines for conversion from insulin pump delivery). AANA Annual Congress, Orlando, FL, September 13-16, 2014.

Research Administration

Abstracts/Posters: continued

*Goldin D, George D, **Chen C**, Campbell J, Emerson S, Savin M. Tumor-to-normal particle deposition ratio in primary and secondary liver malignancies: Impact on tumor dose and radioembolization treatment planning. *Journal of Vascular and Interventional Radiology*, Volume 25, Issue 3, Supplement, Pages S89-S90, March 2014.

Hendrickson KD, Heck M, Franklin BA, Chinnaiyan K, **Boura JA**, James J, et al. Predictors of computed tomographic-documented coronary disease during an executive physical. American College of Sports Medicine Annual 61st Meeting and 5th World Congress on Exercise is Medicine; Orlando, FL, May 27-31, 2014. *Medicine and Science in Sports and Exercise* 46(55) Supplement; 2014.

Holmes B, Gierer J, **Coffey M**, Santhakumar S, Sule A. Rapidly progressive neurologic decline: Noninvasive testing may not be enough. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Gaylord, MI, October 17-19, 2014.

Pridmore D, **Chen C**, Killinger K, Peters K, Hollander J, Hafron J. Factors associated with poor return of urinary function after robotic assisted radical prostatectomy: Evaluation of expanded prostate cancer index composite (EPIC) scores. American Urological Association Meeting, Orlando, FL, May 16-21, 2014.

Sacks RL, Franklin B, **Boura JA**, **Van Loon J**. Accuracy of the heart rate index equation to assess oxygen consumption in obese patients. American College of Sports Medicine Annual 61st Meeting and 5th World Congress on Exercise is Medicine, Orlando, FL, May 27-31, 2014. *Medicine and Science in Sports and Exercise* 46(55) Supplement; 2014.

Sims MD, Powell K, LI J, Das M, **McGonagle M**, Marples B. Development of a model for assaying the impact of radiation therapy on bacterial pneumonia. Oakland University-Beaumont Biomedical Research Symposium, Rochester, MI, October 31, 2014.

Research Presentations:

Chennamsetty A, Poushanchi B, Pew S, Hollander J, Killinger K, **Coffey M**, et al. Urinary incontinence and satisfaction with treatments after robotic assisted radical prostatectomy. 88th Annual North Central Section, American Urological Association. Chicago, IL, September 10-13, 2014.

Gilleran J, Killinger K, Bartley J, **Boura JA**, Peters K. Does the interstitial cystitis symptom and problem index reliably measure overactive bladder symptoms? Society for Urodynamics and Female Urology (SUFU) Miami, FL, February 25-March 1, 2014.

*Goldin D, Bahoura L, George D, Reich S, **Chen C**, Campbell J, et al. Tumor-to-normal particle deposition ratio in primary versus secondary liver malignancies: Impact on tumor dose and radioembolization treatment planning. Society of Interventional Radiology Annual Meeting (SIR), San Diego, CA, March 23-28, 2014.

Research Administration

Research Presentations: continued

Hafron J, Pew S, Poushanchi B, Hollander J, Killinger K, **Coffee M**, et al. Exploring potential predictors of hernia after laparoscopic procedures such as robotic assisted radical prostatectomy (RARP). Society for Urodynamics and Female Urology (SUFU) Miami, FL, February 25-March 1, 2014.

Jenkins J, Bannazadeh M, Adeyemo A, ***Munoz Y**, Altshuler J, Brown OW, Sakwa M. Paradigms in treatment of type A aortic dissection. American Association for Thoracic Surgery, Aortic Symposium, New York, NY, April 24-25, 2014. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, May 14-16, 2014, Petoskey Michigan. **Winner of Andrew J. Walt Second Place Overall Award.** Invited speaker, Michigan Society of Thoracic and Cardiovascular Surgeons Annual Summer Conference, Mackinac Island, MI, August 7-10, 2014.

Jenkins C, Mangla J, Gates E, **Boura JA**, Long G, Welsh R. Predictors of readmission in nonagenarians undergoing elective surgery: Analysis of the ACS-NSQIP dataset. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014. Annual Meeting of the American College of Surgeons-National Surgical Quality Improvement Project Conference, New York, NY, July 26-30 2014.

Peters KM, Killinger K, **Boura JA**, Gilleran J, Bartley J. Pudendal vs. sacral neuromodulation for pelvic pain. Society for Urodynamics and Female Urology (SUFU) Miami, Florida February 25-March 1, 2014. 109th American Urologic Association (AUA) Meeting, Orlando, FL, May 20, 2014.

Pridmore D, **Chen C**, Killinger K, Peters K, Hollander J, Hafron J. Radical prostatectomy: Evaluation of expanded prostate cancer index composite (EPIC). Michigan Urological Society Resident Research Day, May 7, 2014.

Other Publications (non peer-reviewed):

Zalesin KC, Miller WM, Franklin BA, Blank HS, Karl C, *Shuell C, et al, [**Coleman C, Boura JA**]. A summary report: Comparison of paricalcitol with cholecalciferol in the treatment of secondary hyperparathyroidism after gastric bypass surgery. AbbVie Inc, Global Medical Affairs, Chicago, IL, July 2014.

SUBSPECIALTY DIVISIONS OF SURGICAL SERVICES

CARDIOVASCULAR SURGERY

GENERAL SURGERY

MULTI-ORGRAN TRANSPLANT

NEUROSURGERY

OTOLARGYNGOLOGY

PEDIATRIC SURGERY

PERIPHERAL VASCULAR SURGERY

PULMONARY and CRITICAL CARE

THORACIC SURGERY

VASCULAR SURGERY

CARDIOVASCULAR SURGERY

Abstracts/Posters:

Bannazadeh M, Forsyth A, Wilson B, **Jenkins C**, **Sakwa M**, **Altshuler J**, Bis K, Brown OW. PS8 flap thickness in type B aortic dissection predicts aneurysmal expansion. Journal of Vascular Surgery. 2014 59(6) Supplement 37S-38S.

Research Presentations:

Bannazadeh MD, **Jenkins C**, Forsyth A, Kramer J, Bove P, Long G. Does iliac artery aneurysm increase secondary intervention rates after EVAR? 42nd Annual Symposium, Society for Clinical Vascular Surgery, Carlsbad, CA, March 22, 2014.

Jenkins J, **Bannazadeh M**, **Adeyemo A**, *Munoz Y, **Altshuler J**, Brown OW, **Sakwa M**. Paradigms in treatment of type A aortic dissection. American Association for Thoracic Surgery, Aortic Symposium, New York, NY, April 24-25, 2014. 61st Annual Meeting & 63rd Annual Resident Surgeons Competition, Michigan Chapter of the American College of Surgeons, Petoskey MI, May 14-16, 2014. **Winner of Andrew J. Walt Second Place Overall Award.** Michigan Society of Thoracic & Cardiovascular Surgeons Annual Summer Conference, Mackinac Island, MI, August 7-10, 2014.

GENERAL SURGERY

Peer-Reviewed Articles:

Adeyemo A, Bannazadeh M, *Riggs T, Shellnut J, Barkel D, Wasvary H. Does sedation type affect colonoscopy perforation rates? *Diseases of the Colon and Rectum*, January 2014 57(1):110-114.

Ahmed S, ***Shaffer A**, Geddes T, Studzinski D, Mitton K, Pruetz B, et al. Evaluation of optimal RNA extraction method from human carotid atherosclerotic plaque. *Cardiovascular Pathology*, published online December 4, 2014.

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***Fenton J, Veenstra M**, Bove P. Angiosarcoma involving native abdominal aortic aneurysm sac after endograft repair. *Ann Vasc Surg*. 2014 Feb;28(2):490.e1-4.

***Iacco A, Adeyemo A, *Riggs T, Janczyk R.** Single institutional experience using biological mesh for abdominal wall reconstruction. *American Journal of Surgery* 2014 Sept; 208 (3): 480-484.

Lanni TB, **Brown E, Kuwajerwala N**, Stromberg J, Gustafson G, Wood R, et al. Implementation of an oncology exercise and wellness rehabilitation program to enhance survivorship: The Beaumont Health System experience. *The Journal of Community and Supportive Oncology*, March 2014. Volume 12(3): 87-91.

***Masterson L**, Thibodeau BJ, Fortier LE, Geddes TJ, Pruetz BL, Malhotra R, et al, **[Keidan R]**. Gene expression differences predict treatment outcome of merkel cell carcinoma patients. *Journal of Skin Cancer*, published online January 30, 2014.

Nagar S, Ahmed S, ***Peeples C, *Urban N**, Boura J, Thibodeau B, et al, **[Akervall J, Czako P]**. Evaluation of genetic biomarkers for distinguishing benign from malignant thyroid neoplasms. *The American Journal of Surgery* Volume 207, Issue 4, April 2014, Pages 596–601.

***Pentiaik MA, Veenstra M, Ivascu F.** Financial implications of drunk driver legislation on hospital reimbursement. *The American Surgeon*, published online October 15, 2014.

Abstracts/Posters:

Bannazadeh M, Forsyth A, Wilson B, **Jenkins C**, Sakwa M, Altshuler J, et al. Flap thickness in type B aortic dissection predicts aneurysmal expansion. *Journal of Vascular Surgery* 2014 59(6) Supplement 37S-38S.

General Surgery

Research Presentations:

Aggarwal A, Mangla J, *Louwers L, Long G, Bove P. Single center long-term results utilizing the talent aortic endograft. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey MI, May 14-16, 2014, **Winner of Frederick A Coller Best Paper Award.** 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014.

Azmith M, Jenkins C, Mangla J, Schuch-Miller D, Robbins J. Evaluating the effectiveness of chest tube teaching modules. 3rd Annual William M. Davidson Medical Education Week, Royal Oak, MI, May 19-21, 2014.

Baker D, Mangla J, Morden R, Fischer A. Nine-month-old girl with abdominal distension. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey MI, May 14-16, 2014.

Baker D, Mangla J, Morden R, Fischer A. Operative management of a complete pancreatic transection secondary to non-accidental trauma in an infant with greatly delayed presentation. Michigan Trauma Coalition 3rd Annual Michigan Pediatric Trauma Conference, Grand Rapids, MI, June 5, 2014.

Bannazadeh M, Forsyth A, Wilson B, Jenkins C, Sakwa M, Altshuler J, et al. Flap thickness in type B aortic dissection predicts aneurysmal expansion. Journal of Vascular Surgery 2014 59(6) Supplement 37S-38S. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey, MI May 14-16, 2014. **Winner of Szilagyi Vascular Award.** Society for Vascular Surgery, Boston, MA, June 4-7, 2014. Michigan Society of Thoracic and Cardiovascular Surgeons Annual Summer Conference, Mackinac Island, MI, August 7-10, 2014.

Bannazadeh MD, Jenkins C, Forsyth A, Kramer J, Bove P, Long G. Does iliac artery aneurysm increase secondary intervention rates after EVAR? Society for Clinical Vascular Surgery 42nd Annual symposium, Carlsbad, CA, March 22, 2014.

Bannazadeh MD, Jenkins C, Forsyth A, Kramer J, Bove P, Long G. Does iliac artery aneurysm increase secondary intervention rates after EVAR? Society for Clinical Vascular Surgery 42nd Annual Symposium, Carlsbad, CA, March 22, 2014.

***Bayci A, Mangla JD, Jenkins C, Ivascu F, Schuch-Miller D, Robbins JM.** A novel educational module for subclavian venous catheter placement using ultrasound guidance. American College of Surgeons' 7th Annual Meeting of the Consortium of ACS-accredited Education Institutes, Chicago, IL, March 21-22, 2014. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey MI, May 14-16, 2014. **Winner of Educational Award.** 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014.

***Bayci A, Mangla J, Jenkins C, Ivascu F, Robbins J.** A novel educational module using a real-time ultrasound-guided approach to cannulation of the subclavian vein. 3rd Annual William M. Davidson Medical Education Week, Royal Oak, MI, May 19-21, 2014. Michigan Society of Thoracic and Cardiovascular Surgeons Annual Summer Conference, Mackinac Island, MI, August 7-10, 2014.

General Surgery

Research Presentations: continued

Chung H, Welsh R. Continuous sedation during spontaneous breathing trial as an adjunct for extubation. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey MI, May 14-16, 2014. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014.

Douglas J, Iacco A, Mangla J, Jenkins C, Janczyk R, Ivascu F. Single center early outcomes of ventral hernia repair using Bio-A mesh. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014. Midwest Surgical 2014 Annual Meeting, Mackinac Island, MI, August 3-5, 2014.

Jenkins J, Bannazadeh M, Adeyemo A, *Munoz Y, Altshuler J, Brown OW, Sakwa M. Paradigms in treatment of type A aortic dissection. American Association for Thoracic Surgery, Aortic Symposium, New York, NY, April 24-25, 2014. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, May 14-16, 2014, Petoskey Michigan. **Winner of Andrew J. Walt Second Place Overall Award.** Invited speaker, Michigan Society of Thoracic and Cardiovascular Surgeons Annual Summer Conference, Mackinac Island, MI, August 7-10, 2014.

Jenkins C, Mangla J, Gates E, Boura J, Long G, Welsh R. Predictors of readmission in nonagenarians undergoing elective surgery: Analysis of the ACS-NSQIP dataset. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014. Annual Meeting of the American College of Surgeons-National Surgical Quality Improvement Project Conference, New York, NY, July 26-30 2014.

Jenkins C, Mangla J, Schuch-Miller D, Robbins J. Evaluation of tube thoracostomy teaching models: An argument for developing low-fidelity simulators. American College of Surgeons' 7th Annual Meeting of the Consortium of ACS-accredited Education Institutes, Chicago, IL, March 21-22, 2014.

Mangla J, Jenkins C, Bannazadeh M, Gates E, Welsh R, Long G. Predictors of mortality in abdominal aortic aneurysm repair for nonagenarians: Analysis of the NSQIP dataset. Society for Clinical Vascular Surgery 42nd Annual Symposium, Carlsbad, CA, March 18-22, 2014. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey, MI, May 14-16, 2014. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014. ACS NSQIP National Conference, New York, NY, July 26-29, 2014.

Mangla J, Jenkins C, Gates E, Shuell C, Long G, Welsh R. HbA1c and outcomes in elective non-cardiac surgery: Analysis of the NSQIP dataset. Annual Meeting of the American College of Surgeons-National Surgical Quality Improvement Project Conference, New York, NY, July 26-30 2014. **Winner of Best Poster Award.**

Mangla J, Jenkins C, Somerset A, Yang W, Gates E, Shuell C, et al, [Krause K, Chengelis D]. Outcomes of laparoscopic versus open inguinal hernia repair: Analysis of the NSQIP dataset. Annual Meeting of the American College of Surgeons, San Francisco, CA, October 26-30. 2014.

General Surgery

Research Presentations: continued

Mangla J, *Louwers L, Long G, Bove P. Single center long-term results utilizing the talent aortic endograft. Society for Vascular Surgery Boston, MA, June 4-7, 2014.

Mangla J, Shanley CJ. Fulminant degenerative aortitis following serial catheter based interventions. Frederick A. Collier Surgical Society, 60th Annual Meeting, Branson, MO, October 16-19, 2014.

Mohammed A, Jenkins C, Mangla J, Schuch-Miller D, **Robbins J**. Evaluation of tube thoracostomy teaching models: An argument for developing low-fidelity simulators. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey, MI, May 14-16, 2014. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014.

Pearce ME, **Jenkins C**, Khandhar P, Arnold M. Malrotation with midgut volvulus presenting as neonatal sepsis. Society of Critical Care Medicine 43rd Critical Care Congress, San Francisco, CA, January 9-13, 2014.

***Peeples C, Jenkins C, Mangla J, *Riggs T, Ivascu F, Robbins J**. The impact of peri-operative transfusions on cancer recurrence and survival following definitive oncologic resection. Society of Surgical Oncology 67th Annual Cancer Symposium, Phoenix, AZ, March 12-15, 2014.

Simon R, Mangla J, Jenkins C, Long G, Shuell C, Gates E, et al. Preoperative HbA_{1c} and outcomes in non-cardiac surgical patients: Analysis of the ACS-NSQIP dataset. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey, MI, May 14-16, 2014. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014.

Somerset A, Mangla J, Jenkins C, Akoni OM, **Yang W, Ivascu F**, et al, [**Krause K, Chengelis D**]. Laparoscopic inguinal hernia repair versus open inguinal hernia repair. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey, MI, May 14-16, 2014. 44th Annual Residents' and Fellows' Research Forum, Beaumont Health System, Royal Oak, MI, May 30, 2014.

Yang W, Villalba M, Ivascu F, Richards B, Bair H, **Janczyk R**. Protocol-based warfarin reversal in anticoagulated patients with traumatic intracranial hemorrhage reduces mortality. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey, MI, May 14-16, 2014.

MULTI-ORGAN TRANSPLANT SURGERY

Abstracts/Posters:

Cosner D, Rooney M, **Samarpungavan D**, Li W, **Cohn S**, **Mudunuri V**, et al, [**Reddy GH**, **Rocher LL**, **Dumler F**, **Koffron A**]. Natural killer cells are involved in both acute antibody mediated rejection and acute cellular rejection. American Society of Clinical Pathology, Tampa, FL, October 8-10, 2014.

NEUROSURGERY

Peer-Reviewed Articles:

Fahim DK, Tatsui CE, Gumin J, Lang FF, Suki D, Rhines LD. Orthotopic murine model of a primary malignant bone tumor in the spine: Functional, bioluminescence, and histological correlations. *J Neurosurg Spine*. 2014, 21(3):378-85.

Guckenberger M, Mantel F, Gerszten PC, Flickinger JC, Sahgal A, Letourneau D, et al, **[Fahim DK]**. Safety and efficacy of stereotactic body radiotherapy as primary treatment for vertebral metastases: A multi-institutional analysis. *Radiat Oncol*. 2014, 16:9(1):226.

Perez-Cruet MJ, Hussain NS, White GZ, Begun EM, Collins RA, **Fahim DK**, et al. Quality-of-life outcomes with minimally invasive transforaminal lumbar interbody fusion based on long-term analysis of 304 consecutive patients. *Spine (Phila Pa 1976)*. 2014 Feb 1;39(3):E191-8.

Snyder LA, O'Toole J, Eichholz KM, **Perez-Cruet MJ**, Fessler R. The technological development of minimally invasive spine surgery. *Biomed Res Int*, published online May 21, 2014.

Trinh VT, **Fahim DK**, Maldaun MV, Shah K, McCutcheon IE, Rao G, et al. Impact of preoperative functional magnetic resonance imaging during awake craniotomy procedures for intraoperative guidance and complication avoidance. *Stereotact Funct Neurosurg*. 2014, 92(5):315-22.

Williamson Jr RW, Gerhardstein D, Cardenas J, **Michael DB**, T Nicholas. Sports concussion prevention programs. *Neurosurgery*. 2014 Oct;75 Suppl 4:S131-5.

Abstracts/Posters:

Beeravolu N, **Perez-Cruet M**, Chaudhry GR. Hyper-adaptability and defense mechanism of embryonic stem cells upon arsenic exposure. 12th Annual Meeting International Society for Stem Cell Research. Vancouver, Canada, June 18-21, 2014.

Chaudhry GR, Beeravolu N, McKee C, **Perez-Cruet M**. Promise of embryonic and adult stem cells for neural regeneration. 11th Annual World Congress of the Society for Brain Mapping Therapeutics on Brain, Spinal Cord Mapping and Image Guided Therapy, Sydney, Australia, March 17-19, 2014.

Diaz FG. Lateral trans-psoas access for anterior lumbar fusion. 10th Current Controversies in Spine Surgery, William Beaumont Hospital, Royal Oak, MI, July 2014.

Diaz FG. Minimally invasive, navigational guided transverse lumbar interbody fusion. 10th Current Controversies in Spine Surgery, William Beaumont Hospital, Royal Oak, MI, July 2014.

Diaz FG, Cook C, Tyo R. Minimally invasive transverse lumbar fusion with computer navigational guidance. International Society for the Advancement of Spine Surgery, Miami, FL, April 30-May 2, 2014.

Neurosurgery

Abstracts/Posters: (continued)

Diaz FG. Navigating through Obamacare. 33rd Annual Meeting Michigan Association of Neurological Surgeons, Petosky, MI, May 2014.

Hunt R, Marples B, **Michael DB.** Radiation therapy for Alzheimer's Disease: Influence on beta amyloid and synaptophysin expression. Class of 2016 Capstone Abstract Presentations, Oakland University William Beaumont School of Medicine, Rochester Hills, MI, May 19-21, 2014. **3rd Place Winner.**

Michael DB, Hanna A, Hunt RJ, Martinez A, Maddens M, Wilson G, et al. External radiation is associated with reduction of A β plaque burden and hippocampal synaptophysin staining in a murine model of Alzheimer's Disease. Society for Neuroscience, Washington, DC, November 19-21, 2014.

Research Presentations:

Diaz FG. Minimally invasive lateral access surgery for degenerative scoliosis. Minimally Invasive Neurosurgical Society Annual Meeting, Detroit, MI, July 2014.

Diaz FG. Healthcare economics for neurosurgeons. Minimally Invasive Neurosurgical Society Annual Meeting, Detroit, MI, July 2014.

Diaz FG. Posterior interspinous lumbar fusion for spinal stenosis. Asian Neurosurgical Society Meeting, Astrhakan, Russia, September 9, 2014.

Diaz FG. Minimal access, lateral interbody fusion for degenerative scoliosis. Asian Neurosurgical Society Meeting, Astrhakan, Russia, September 9, 2014.

Diaz FG. Obamacare, what it will mean to you. Congress of Neurological Surgeons Annual Meeting. Boston, MA, October 18-22, 2014.

Diaz FG. How to determine a career pathway in neurosurgery. Congress of Neurological Surgeons, Annual Meeting, Boston, MA, October 18-22, 2014.

Diaz, FG. Cerebral revascularisation for cerebral ischemia. 11th International Conference on Cerebral Vascular Surgery, Jakarta, Indonesia, December 11-14, 2014.

Diaz, FG. Radiosurgery in the Mangement of Arterio Venous Malformations. 11th International Conference on Cerebral Vascular Surgery, Jakarta, Indonesia, December 11-14, 2014.

Diaz, FG. Complex Intracranial Carotid Aneurysms. 11th International Conference on Cerebral Vascular Surgery. Jakarta, Indonesia. December, 2014.

Diaz, FG. Medical Decision Making in Management of Cerebral AVMs. 11th International Conference on Cerebral Vascular Surgery, Jakarta, Indonesia, December 11-14, 2014.

Michael DB. Head injuries: The young, the old and everyone in between. 7th Annual Jeff Schaub Memorial Conference, St. Joseph Mercy Health System, Ann Arbor, MI, April 11, 2014.

Neurosurgery

Research Presentations: (continued)

Michael DB. Radiation therapy for Alzheimer's Disease? I thought radiation was bad for the brain! Michigan Association of Neurological Surgeons (MANS) Annual Meeting, Crystal Mountain, MI, May 31, 2014.

Michael DB. Radiation treatment for the treatment of Alzheimer's. 7th Annual New Frontiers in Neuroscience, Beaumont Health System, Royal Oak, MI, July 25, 2014.

Michael DB. Radiation therapy for Alzheimer's Disease. 5th Annual Meeting of the Minimally Invasive Neurosurgical Society, Detroit, MI, July 27, 2014.

Qahwash O. Endovascular therapy: Where are we now? National Conference, American College of Osteopathic Surgeons, Boston, MA, September 18-21, 2014.

Collaborative Efforts:

Fridley J, **Fahim D**, Navarro J, Wolinsky JP, Omeis I. Free-hand placement of iliac screws for spinopelvic fixation based on anatomical landmarks: Technical note. Int J Spine Surg. 2014 8. eCollection 2014.

OTOLARYNGOLOGY

Peer-Reviewed Articles:

Cohen DS, VandeGriend ZP, Yoo GH, **Folbe AJ**, Lin H. Risk stratification based on thyroid cytology: Can we rely on national data? *American Journal of Otolaryngology*, May-June 2014;35(3):362-365.

Dubal PM, Svider, PF, Denis D, **Folbe AJ**, Eloy JA. Short-term outcomes of purely endoscopic endonasal resection of orbital tumors: A systematic review. *Int Forum Allergy Rhinol*, published online September 7, 2014.

Eloy JA, Svider PF, **Folbe AJ**, Setzen M, Baredes S. In reference to: The value of resident presentations at scientific meetings. *Head Neck*, published online March 4, 2014. *Am J Rhinol Allergy* 2014 May-Jun;28(3):273. *Ann Otol Rhinol Laryngol* 2014 Jul 22;123(8):597-598. *Laryngoscope* 2014 Jul; 124(7):E301. *Int Forum Allergy Rhinol* 2014 Aug;4(8):689. *Int J Pediatr Otorhinolaryngol* 2014 Oct;78(10):1805-6. *J Neurol Surg B Skull Base*. 2014 Oct;75(5):368-70. *Ear Nose Throat J*, published online August 2014.

Eloy JA, Svider PF, **Folbe AJ**, Setzen M, Baredes S. Letter to the editor regarding "The value of resident presentations at scientific meetings". *Int J. Pediatr Otorhinolaryngol*. 2014 May;78(5):891-2.

Eloy JA, Svider PF, Kanumuri VV, **Folbe AJ**, Setzen M, Baredes S. Do AAO-HNSF CORE grants predict future NIH funding success? *Otolaryngology Head and Neck Surgery* 2014 May 20; 151(2):246-252.

Folbe AJ, Svider PF, Eloy JA. Advances in endoscopic frontal sinus surgery. *Operative Techniques in Otolaryngology Head and Neck Surgery*, published online February 24, 2014.

Folbe AJ, Svider, PF, Setzen M, Zuliani G, Lin HS, Eloy JA. Scientific inquiry into rhinosinusitis: Who is receiving funding from the National Institutes of Health? *Laryngoscope*. 2014 Jun;124(6):1301-7.

Lawrence LA, Svider PF, Raza SN, Zuliani G, **Carron MA**, **Folbe AJ**. Hockey-related facial injuries: A population-based analysis. *Laryngoscope*, published online August 28, 2014. Doi: 10.1002/lary.24893.

Lin HS, Rowley JA, **Folbe AJ**, Yoo GH, Badr MS, Chen W. Transoral robotic surgery for treatment of obstructive sleep apnea: Factors predicting surgical response. *Laryngoscope*, published online October 24, 2014.

Lin HS, Siddiq F, Talwar HS, Chen W, Voichita C, Draghici S, et al, [**Folbe AJ**]. Serum prognostic biomarkers in head and neck cancer patients. *Laryngoscope*. 2014 Aug;124(8):1819-26.

Rose C, Svider PF, Sheyn A, Meadows LN, Eloy JA, Coticchia J, **Folbe AJ**. Protecting the most vulnerable: Litigation from pediatric otolaryngologic procedures and conditions. *Laryngoscope*. 2014 Sep;124(9):2161-6.

Otolaryngology

Peer-Reviewed Articles: continued

Schwartz SJ, Svider PF, Shah P, Zuliani G, Eloy JA, Setzen M, **Folbe AJ**. Voicing an impact: Who does the National Institutes of Health support for voice disorder research? *Am J Otolaryngol*, published online October 23, 2014.

Svider, PF, Carron M, Zuliani G, Eloy JA, Setzen M, **Folbe AJ**. Lasers and losers in the eyes of the law: Liability for head and neck procedures. *JAMA Facial Plast Surg*. 2014 Jul-Aug; 16(4):277-83.

Svider PF, Eloy JA, Baredes S, Setzen M, **Folbe AJ**. Expert witness testimony guidelines: Identifying areas for improvement. *Otolaryngol Head Neck Surg*, published online November 11, 2014.

Svider PF, Gupta A, Johnson AP, Zuliani G, Shkoukani MA, Eloy JA, **Folbe AJ**. Evaluation of Otolaryngology Residency Program websites. *JAMA Otolaryngology Head and Neck Surgery*, published online September 4, 2014.

Svider, PF, Jiron J, Zuliani G, Shkoukani MA, **Folbe AJ**, **Carron M**. Unattractive consequences: Litigation from facial dermabrasion and chemical peels. *Aesthetic Surg J*, published online August 28, 2014.

Svider PF, Johnson AP, **Folbe AJ**, Carron MA, Eloy JA, Zuliani G: Assault by battery: Battery-related injury in the head and neck. *Laryngoscope*, published online March 24, 2014.

Svider PF, Sekhsaria V, Cohen DS, Eloy JA, Setzen M, **Folbe AJ**. Geographic and temporal trends in frontal sinus surgery. *Int Forum Allergy Rhinol*, published online November 3, 2014.

Svider PF, Sheyn A, Folbe E, Sekhsaria V, Zuliani G, Eloy JA, **Folbe AJ**. How did that get there? A population-based analysis of nasal foreign bodies. *Int Forum Allergy Rhinol*, September 15, 2014.

Svider PF, Vong A, Sheyn A, Bojrab DI 2nd, Hong RS, Eloy JA, **Folbe AJ**. What are we putting in our ears? A consumer product analysis of aural foreign bodies. *Laryngoscope*, published online October 5, 2014.

Book Chapter or Full Book Publications:

Babu S, Stucken EZ. Otosclerosis and stapedectomy. In: *Surgical Technique in Otolaryngology-Head and Neck Surgery. Otologic and Neurotologic Surgery*. Eds. LaRouere MJ, Bojrab DI, Babu S. 2014 Jaypee Publishing, pp. 27-35.

Babu S, Stucken EZ. Eustachian tube surgery. In: *Surgical Technique in Otolaryngology-Head and Neck Surgery: Otologic and Neurotologic Surgery*. Eds. LaRouere MJ, Bojrab DI, Babu SC. 2014 Jaypee Publishing, pp. 5-10.

Otolaryngology

Book Chapter or Full Book Publications: (continued)

Bojrab DI, Chen PY, Maitz A, Slattery EL. Stereotactic radiosurgery for vestibular schwannomas. In: Surgical Technique in Otolaryngology-Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu SC. 2014 Jaypee Publishing, pp. 209-217.

Bojrab DI, Slattery E. Tympanoplasty and ossiculoplasty. In: Surgical Technique in Otolaryngology-Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu SC. 2014 Jaypee Publishing, pp. 43-61.

Chan EY. Surgery of the Ear Canal. In: Surgical Technique in Otolaryngology-Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu S. 2014 Jaypee Publishing, pp. 11-25.

Chan EY. Mastoidectomy. In: Surgical Technique in Otolaryngology-Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu S. 2014 Jaypee Publishing, pp. 63-74.

Hong RS, Babu S. Retrocochlear hearing disorders. In: Total Otolaryngology Head and Neck Surgery. Ed. Sclafani AP, 2014 Thieme Medical Publishing, pp.990-994.

Hong RS, Babu S. Osseointegrated devices. In: Surgical Technique in Otolaryngology- Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu S. 2014 Jaypee Publishing, pp. 199-208.

Hong R.S. Cochlear implantation. In: Surgical Technique in Otolaryngology Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu S. 2014 Jaypee Publishing, pp.121-130.

LaRouere MJ. General considerations in otologic and neurotologic surgery. In: Surgical Technique in Otolaryngology Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere ML, Bojrab DI, Babu S. 2014 Jaypee Publishing, pp. 1-3, 2014.

LaRouere MJ, Benscoter BJ. Surgery for neoplasms of the posterior fossa and skull base. In: Surgical Technique in Otolaryngology-Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu SC. 2014 Jaypee Publishing, pp. 131-147.

LaRouere MJ, Sdrulla D. Encephaloceles and related CSF leaks. In: Surgical Technique in Otolaryngology-Head and Neck Surgery: Otologic and neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu SC. Jaypee pp. 179-188, 2014.

Naumann IC, Folbe A. Drainage procedures of the petrous apex. In Surgical Technique in Otolaryngology-Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu SC. 2014 Jaypee Publishing, 149-158.

Sargent EW, Kartush JM. Facial nerve surgery. In: Surgical Technique in Otolaryngology-Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu SC. 2014 Jaypee Publishing, pp. 159-177.

Otolaryngology

Book Chapter or Full Book Publications: (continued)

Zappia JJ, Pieper DR. Treatment of labyrinthine disorders. In: Surgical Technique in Otolaryngology-Head and Neck Surgery: Otologic and Neurotologic Surgery. Eds. LaRouere MJ, Bojrab DI, Babu SC. 2014 Jaypee Publishing, pp. 89-120.

Abstracts/Posters:

Eloy JA, Svider PF, Raikundalia MD, Fang CH, Kam D, Baredes S, et al, [**Folbe AJ**]. Expert witness testimony guidelines: Identifying areas for improvement. The American College of Surgeons Brooklyn and Long Island Chapter and the Nassau Surgical Society Inc, Uniondale, NY, December 3, 2014.

Svider PF, Huang G, Fang CH, Eloy JA, Setzen M, **Carron M, Folbe AJ**. Malodorous consequences: What comprises negligence in anosmia litigation? The American College of Surgeons Brooklyn and Long Island Chapter and the Nassau Surgical Society Inc, Uniondale, NY, December 3, 2014.

Svider PF, Fang CH, Huang G, Spinazzi EF, Ghosh R, Eloy JA, **Folbe AJ**, Setzen M. Lasers and losers in the eyes of the law: Liability for head and neck procedures. The American College of Surgeons Brooklyn and Long Island Chapter and the Nassau Surgical Society Inc, Uniondale, NY, December 3, 2014.

Svider PF, Gupta A, Johnson AP, Zuliani G, Eloy JA, **Folbe AJ**. Are otolaryngology residency websites sufficiently informative? Triological Society Combined Sections Annual Meeting, Las Vegas, NV, May 15-16, 2014.

Svider PF, Sheyn A, Folbe E, Sekhsaria V, Zuliani G, Eloy JA, **Folbe AJ**. How did that get there? A population-based analysis of nasal foreign bodies. American Rhinologic Society Annual Meeting, Orlando, FL, September 19-21, 2014.

Svider PF, Sekhsaria V, Cohen DS, Eloy JA, Setzen M, **Folbe AJ**. Geographic and temporal trends in frontal sinus surgery. American Rhinologic Society Spring Meeting at Combined Sections Meeting, Las Vegas, NV, May 16, 2014.

Zuliani G, Svider PF, **Carron MA**, Eloy JA, **Folbe AJ**. A comparison of NIH funding between plastic surgeons and facial plastic surgeons: Are the scholarly impacts equal? American Association of Facial Plastic and Reconstructive Surgery 11th International Symposium, New York, NY, May 27-31, 2014.

Research Presentations:

Gupta A, Bojrab DI, Svider PF, **Folbe AJ, Carron MA**, Zuiliani GF. Rhytidectomy and patient education: Are patients accessing appropriate information online? American Association of Facial Plastic and Reconstructive Surgery 11th International Symposium, New York, NY, May 27-31, 2014.

Otolaryngology

Research Presentations: (continued)

Schwartz SJ, Svider PF, Shah P, Zuliani G, Eloy JA, Setzen M, **Folbe AJ**. Voicing an impact: who does the National Institutes of Health support for voice disorder research? American Laryngological Association, Combined Sections Spring Meeting, Las Vegas, NV, May 14-15, 2014.

Svider PF, Jiron J, Zuliani G, Shkoukani MA, **Folbe AJ**, **Carron MA**. Unattractive consequences: Litigation from dermabrasion and chemical peel procedures. American Association of Facial Plastic and Reconstructive Surgery 11th International Symposium, New York, NY, May 27-31, 2014.

Collaborative Efforts:

Babu S. Unilateral hearing loss and implantable solutions. Michigan Ear Institute Annual Spring Conference, Traverse City, MI, June 1, 2014.

Bojrab D. Observe, operate, or radiate: Trends in acoustic neuroma treatment. Michigan Ear Institute Annual Spring Conference, Traverse City, MI, May 31, 2014.

Bojrab DI. Managing complications of chronic otitis. American Academy of Otolaryngology-Head and Neck Surgery, Vancouver, BC, September 2014.

Bojrab DI. Surgical decision making in cholesteatoma. American Academy of Otolaryngology-Head and Neck Surgery, Vancouver, BC, September 2014.

Bojrab DI. Vestibular schwannomas: ENT Approach. 7th Annual New Frontiers in Neuroscience, William Beaumont Hospital, Royal Oak, MI, July 25, 2014.

Bojrab DI. Hearing preservation acoustic neuroma care. MINS 2014 Conference, Detroit Marriott Renaissance Center, Detroit MI, July 25-27, 2014.

Chan E. Primar and revision mastoid surgery. Michigan Ear Institute Annual Spring Conference, Traverse City, MI, June 1, 2014.

Hong R. Vestibular evoked mogenic potentials (VEMPs). Michigan Ear Institute Annual Spring Conference, Traverse City, MI, June 1, 2014.

Hong RS, Kartush JM, Parkinson AJ, LaRouere MJ. Single-sided deafness with a vestibular schwannoma in the only hearing ear: Role of cochlear implantation. J Otol Rhinol. 2014 3:1-6.

Kircher ML, Thottam PJ, **Bojrab D I**, **Babu SC**. Utility and cost analysis of cholesteatoma histopathologic evaluation. The Laryngoscope. 2014;124: 538-540.

LaRouere M. Cochlear implants. Michigan Ear Institute Annual Spring Conference, Traverse City, MI, June 1, 2014.

LaRouere MJ. Treatment of acoustic neuroma. Walter Work Society Meeting, Ann Arbor, MI, October 9, 2014.

Otolaryngology

Collaborative Efforts:

LaRouere M. Diagnosis and treatment of petrous apex lesions. Invited speaker Osteopathic Mid-Year ENT Convention, Detroit, MI, October 11-12, 2014.

Naumann I. Pulsatile tinnitus. Michigan Ear Institute Annual Spring Conference, Traverse City, MI, May 31, 2014.

Sargent E. Facial nerve update. Michigan Ear Institute Annual Spring Conference, Traverse City, MI, May 31, 2014.

Sargent E. Facial nerve problems. St John Providence 5th Annual Neuroscience Conference, Novi, MI, September 19, 2014.

Setty P, **LaRouere P**, **Babu SC**. Endoscopic resections of cerebellopontine angle meningiomas. North American Skull Base Society Meeting, San Diego, CA, February 15, 2014.

Setty P, **LaRouere P**, **Babu SC**. Endoscopic resections of vestibular schwannoma. North American Skull Base Society Meeting, San Diego, CA. February 15, 2014.

Stucken EZ, **Hong RS**. Noise-induced hearing loss: An occupational medicine perspective. Curr Opin Otolaryngol Head Neck Surg. 2014 22:388-93.

Zappia JJ. Practice trends and liability issues in endoscopic sinus surgery. Michigan Ear Institute Annual Spring Conference. Traverse City, MI, May 31, 2014.

PLASTIC SURGERY

Peer-Reviewed Articles:

Ysunza A, **Chaiyasate K**, Micale, M, McBrien M, et al. Deletion detected by endoscopic observation of pharyngeal pulsations in a child with submucous cleft palate and persistent velopharyngeal insufficiency. International Journal of Pediatr Otorhinolaryngol. 2014 Oct; 78(10):1789-94.

Research Presentations:

Shaheen KW. Posterior cranial vault distraction in the treatment of syndromic craniosynostosis: Effects of intracranial volume in two consecutive cases. 13th Biennial Michigan Academy of Plastic Surgeons Conference, Mackinac Island, MI, July 2014.

PULMONARY AND CRITICAL CARE

Research Presentations:

Siddiqui M, Cowan D, Keena D. Multiple necrobiotic pulmonary nodules and a large hydropneumothorax in a patient with severe rheumatoid arthritis. American Thoracic Society Conference, San Diego, CA, May 16-21, 2014.

THORACIC SURGERY

Research Presentations:

Chung H, Welsh R. Continuous sedation during spontaneous breathing trial as an adjunct for extubation. Society of Critical Care Medicine 43rd Critical Care Congress, January 9-13, 2014, San Francisco CA. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey, MI, May 14-16, 2014. 44th Annual Beaumont Health System Residents' and Fellows' Research Forum, Royal Oak, MI, May 30, 2014.

Jenkins C, Mangla J, Gates E, Boura J, Long G, Welsh R. Predictors of readmission in nonagenarians undergoing elective surgery: Analysis of the ACS-NSQIP dataset. 44th Annual Beaumont Health System Residents' and Fellows' Research Forum, Royal Oak, MI, May 30, 2014. Annual Meeting of the American College of Surgeons-National Surgical Quality Improvement Project Conference; New York, NY, July 26-30 2014.

Mangla J, Jenkins C, Bannazadeh M, Gates E, **Welsh R**, Long G. Predictors of mortality in abdominal aortic aneurysm repair for nonagenarians: Analysis of the NSQIP dataset. Society for Clinical Vascular Surgery 42nd Annual Symposium, Carlsbad, CA, March 18-22, 2014. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey, MI, May 14-16, 2014. 44th Annual Beaumont Health System Residents' and Fellows' Research Forum, Royal Oak, MI, May 30, 2014. 2014 ACS NSQIP National Conference, July 26-29, 2014, New York, NY.

Mangla J, Jenkins C, Gates E, Shuell C, Long G, **Welsh R.** HbA1c and outcomes in elective non-cardiac surgery: Analysis of the NSQIP dataset; Annual Meeting of the American College of Surgeons-National Surgical Quality Improvement Project Conference; New York, NY, July 26-30 2014. **Winner of Best Poster Award.**

Simon R, Mangla J, Jenkins C, Long G, Shuell C, Gates E, **Welsh R.** Preoperative HbA_{1c} and outcomes in non-cardiac surgical patients: Analysis of the ACS-NSQIP dataset. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey, MI, May 14-16, 2014. 44th Annual Beaumont Health System Residents' and Fellows' Research Forum, Royal Oak, MI, May 30, 2014.

Somerset A, Mangla J, Jenkins C, Akoni OM, Yang W, Ivascu F, Welsh R, Krause K, Chengelis D. Laparoscopic inguinal hernia repair versus open inguinal hernia repair. 44th Annual Beaumont Health System Residents' and Fellows' Research Forum, Royal Oak, MI, May 30, 2014. Michigan Chapter of the American College of Surgeons 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Petoskey, MI, May 14-16, 2014.

VASCULAR SURGERY

Peer-Reviewed Articles:

Ahmed S, Shaffer A, Geddes T, Studzinski D, Mitton K, Pruetz B, et al, [**Long G, Shanley CJ**]. Evaluation of optimal RNA extraction method from human carotid atherosclerotic plaque. Cardiovascular Pathology, published online December 04, 2014.

Fenton J, Veenstra M, Bove PG. Angiosarcoma involving native abdominal aortic aneurysm sac after endograft repair. Ann Vasc Surg. 2014 Feb;28(2):490.e1-4.

Nagar S, Ahmed S, ***Peeples C, *Urban N**, Boura J, Thibodeau B, et al, [**Long G**]. Evaluation of genetic biomarkers for distinguishing benign from malignant thyroid neoplasms. The American Journal of Surgery Volume 207, Issue 4, April 2014, Pages 596–601.

Abstracts/Posters:

Bannazadeh M, Forsyth A, Wilson B, **Jenkins C**, Sakwa M, Altshuler J, et al, [**Brown OW**]. Flap thickness in type B aortic dissection predicts aneurysmal expansion. Journal of Vascular Surgery, 59(6) Supplement 37S-38S, 2014.

Research Presentations:

Aggarwal A, Mangla J, ***Louwers L, Long G, Bove PG**. Single center long-term results utilizing the talent aortic endograft. 61st Annual Meeting & 63rd Annual Resident Surgeons Competition, Michigan Chapter of the American College of Surgeons, Petoskey, MI, May 14-16, 2014. **Winner of Frederick A. Collier Best Paper Award**. 44th Annual Beaumont Health System Residents' and Fellows' Research Forum, Royal Oak, MI, May 30, 2014.

Bannazadeh M, Forsyth A, Wilson B, **Jenkins C**, Altshuler J, Sakwa M, et al, [**Brown OW**]. Flap thickness in type B aortic dissection predicts aneurysmal expansion. 61st Annual Meeting & 63rd Annual Resident Surgeons Competition, Michigan Chapter of the American College of Surgeons, Petoskey, MI, May 14-16, 2014. **Winner of Szilagyi Vascular Award**. Society for Vascular Surgery, PS8, p. 138, Boston MA, June 4-7, 2014. Michigan Society of Thoracic and Cardiovascular Surgeons Annual Summer Conference, Mission Point, Mackinac Island, MI. August 7-10, 2014.

Bannazadeh MD, Jenkins C, Forsyth A, Kramer J, **Bove PG, Long G**. Does iliac artery aneurysm increase secondary intervention rates after EVAR? 42nd Annual Symposium for the Society of Clinical Vascular Surgery, Carlsbad, CA, March 18-33, 2014.

Brown OW. Contract negotiations: How to prepare and recognize you are negotiating. SVS Young Surgeons Committee: Preparing young surgeons for the future. Society for Vascular Surgery Boston MA. C3, p 86, June 4-7, 2014.

Henke R, Studzinski D, Ragheb S, **Shanley CJ**. Carotid atherosclerosis: Biomarkers to identify patients at risk for stroke. 99th American Medical Women's Association Annual Meeting, Washington, DC, March 15, 2014.

Vascular Surgery

Research Presentations: continued

Jenkins J, Bannazadeh M, Adeyemo A, *Munoz Y, Altshuler J, **Brown OW**, et al. Paradigms in treatment of type A aortic dissection. American Association for Thoracic Surgery Aortic Symposium, New York, NY, April 24-25, 2014. 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Michigan Chapter of the American College of Surgeons, Petoskey, MI, May 14-16, 2014. **Winner of Andrew J. Walt Second Place Overall Award.** Invited speaker, Michigan Society of Thoracic & Cardiovascular Surgeons Annual Summer Conference, Mission Point, Mackinac Island, MI, August 7-10, 2014.

Jenkins C, Mangla J, Gates E, Boura J, **Long G**, Welsh R. Predictors of readmission in nonagenarians undergoing elective surgery: Analysis of the ACS-NSQIP dataset. 44th Annual Beaumont Health System Residents' and Fellows' Research Forum, Royal Oak, MI, May 30, 2014. Annual Meeting of the American College of Surgeons-National Surgical Quality Improvement Project Conference, New York, NY, July 26-30 2014.

Lawrence, PF, **Bove PG**, et al. The contemporary guidelines for asymptomatic renal artery aneurysms are too aggressive: A North American experience. Society for Vascular Surgery S57, p 96, Boston MA, June 4-7, 2014.

Mangla J, **Jenkins C, Bannazadeh M**, Gates E, Welsh R, **Long G**. Predictors of mortality in abdominal aortic aneurysm repair for nonagenarians: Analysis of the NSQIP dataset. 42nd Annual Symposium for the Society of Clinical Vascular Surgery, Carlsbad, CA, March 18-33, 2014. 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Michigan Chapter of the American College of Surgeons, Petoskey, MI, May 14-16, 2014. 44th Annual Beaumont Health System Residents' and Fellows' Research Forum, Royal Oak, MI, May 30, 2014.

Mangla J, **Jenkins C**, Gates E, Shuell C, **Long G**, Welsh R. HbA1c and outcomes in elective non-cardiac surgery: Analysis of the NSQIP dataset. Annual Meeting of the American College of Surgeons-National Surgical Quality Improvement Project Conference, New York, NY, July 26-30 2014. **Winner of Best Poster award.**

Mangla J, **Jenkins C, Bannazadeh M**, Gates E, Welsh R **Long G**. Predictors of mortality in abdominal aortic aneurysm repair for nonagenarians: Analysis of the NSQIP dataset. 2014 ACS NSQIP National Conference, New York, NY, July 26-29, 2014.

Mangla J, *Louwers L, **Long G, Bove PG**. Single center long-term results utilizing the talent aortic endograft. Society for Vascular Surgery, Boston MA, June 4-7, 2014.

Mangla J, **Shanley CJ**. Fulminant degenerative aortitis following serial catheter based interventions. 60th Annual Meeting, Frederick A. Collier Surgical Society, Branson, MO, October 16-19, 2014.

Shanley CJ. Modern management of arterial occlusive disease: Opportunities lost. 11th Annual Vascular Innovations Symposium, Troy, MI, January 24, 2014.

Shanley CJ. Aortofemoral reconstructions with tips to preserve pelvic perfusion. 42nd Annual Symposium for the Society of Clinical Vascular Surgery, Carlsbad, CA, March 18-33, 2014.

Vascular Surgery

Research Presentations: continued

Shanley CJ, Boros MJ, Park YJ, Gurmd HS, Grossmand PM, Rubine JR, et al. Carotid interventions in the post-CREST era: Contemporary outcomes for carotid interventions in the state of Michigan. 38th Annual Meeting of the Midwestern Vascular Surgical Society, Coralville, IA, September 4-6, 2014.

Shanley CJ. Contemporary outcomes for carotid intervention in the state of Michigan. Frederick A. Collier 60th Annual Meeting, Frederick A. Collier Surgical Society, Branson, MO, October 16-19, 2014.

Shanley CJ. In search of the holy grail of infection prevention: Real-time detection of antibiotic-resistant pathogens. 60th Annual Meeting, Frederick A. Collier Surgical Society, Branson, MO, October 16-19, 2014.

Simon R, Mangla J, **Jenkins C**, **Long G**, Shuell C, Gates E, et al. Preoperative HbA_{1c} and outcomes in non-cardiac surgical patients: Analysis of the ACS-NSQIP dataset. 61st Annual Meeting and 63rd Annual Resident Surgeons Competition, Michigan Chapter of the American College of Surgeons, Petoskey, MI, May 14-16, 2014. 44th Annual Beaumont Health System Residents' and Fellows' Research Forum, Royal Oak, MI, May 30, 2014.

Collaborative Efforts:

Obi A, Yeo Y, **Bove PG**, Cuff R, Kazmers A, Gurm H, et al. Postoperative transfusion is associated with a dramatic increase in 30-day morbidity and mortality in patients undergoing major vascular surgery. *Journal of Vascular Surgery* Volume 60, Issue 4, Page 1108, October 2014.

Laurence PF, Klausner JQ, Harlander-Locke MP, Coleman DM, Stanley JC, Oderich GS, et al, [**Bove PG**]. The Contemporary guidelines for asymptomatic renal artery aneurysms are too aggressive: A North American Experience. *Journal of Vascular Surgery* 2014 59(6) Supplement S57.

Shanley CJ, Park YJ, Boros MJ, Gurm HS, Grossman PM, Rubin JR, et al. Contemporary outcomes for carotid interventions in the state of Michigan. *Journal of Vascular Surgery* October 2014, 60(4) 1109.

UROLOGY

Peer-Reviewed Articles:

Chancellor MB. The overactive bladder progression to underactive bladder hypothesis. *Int Urol Nephrol.* 2014. Sep; 46 Suppl 1:S23-7.

Chancellor MB, Diokno A. CURE-UAB: shedding light on the underactive bladder syndrome. *Int Uro Nephrol.* 2014 Sep; 46 Suppl 1:S1.

Chancellor MB, Levanovich P, Rajaganapathy B, Vereecke A. Optimal management of overactive bladder: Medication vs. Botox vs. Interstim vs. Urgent PC. *Business of Urology* 1:7-12, 2014.

Chennamsetty A, Ehlert MJ, Peters KM, Killinger KA. Advances in diagnosis and treatment of interstitial cystitis/painful bladder syndrome. *Current Infectious Disease Reports.* 2014; 17 (1): 1-10.

Chennamsetty A, Khourdaji I, Goike J, Killinger KA, Girdler B, Peters KM. Electrosurgical management of Hunner ulcers in a referral center's interstitial cystitis population. *Urology* 2014.

Chennamsetty A, Hafron J, Wong CO. The role of positron emission tomography in urology. *American Urological Association Update,* 2014; 33: 257.

Chennamsetty A, Wenzler D, Fischer M. Removal of a penile constriction device with a large orthopedic pin cutter. *Case Rep Urology* 2014; 2014.

Copelan A, Chehab M, Cash C, **Korman HJ,** Dixit P. Endovascular management of ureteroarterial fistula: A rare potentially life threatening cause of hematuria. *Radiology Case,* July 2014.

Ferrante KL, Kim HY, Brubaker L, Wai CT, Norton PA, Kraus SR, et al, [**Sirls LT**]. Repeat post-op voiding trials: An inconvenient correlate with success. *Neurourol Urodyn.* 2014 Nov; 33 (8): 1225-8.

Greibling TL, DuBeau CE, Kuchel G, Wilde MH, **Lajiness M,** Tomoe H, et al, [**Diokno A, Vereecke A, Chancellor MB**]. Defining and advancing education and conservative therapies of underactive bladder. *Int Urol Nephrol.* 2014 Sep; 46 Suppl 1:S29-34.

Killinger KA, Boura JA, **Diokno AC.** Exploring factors associated with sexual activity in community dwelling older adults. *Res. Gerontol Nurs.* 2014; 7: 256-263.

Krauss DJ, Amin M, Stone B, Ye He, Hayek S, Cotant M, et al, [**Hafron J**]. Chromogranin A staining as a prognostic variable in newly diagnosed Gleason score 7-10 prostate cancer treated with definitive radiotherapy. *Prostate,* 2014; (74)5: 520-527.

Norton P, Brubaker L, Nager CW, Lemack GE, Zyczynski HM, **Sirls LT,** et al. Pelvic organ prolapse in a cohort of women treated for stress urinary incontinence. *Am J Obstet Gynecol.* 2014 Jul 31.s0002-9378 (14) 00802-3.

Urology

Peer-Reviewed Articles: continued

Norton PA, Nager CW, Brubaker L, Lemack GE, **Sirls LT**, Holley R, et al. The cost of preoperative urodynamics: A secondary analysis of the ValUE trial. *Neurourol Urodyn*, published online October 18, 2014.

Peters KM, Dmochowski RR, Carr LK, Robert M, Kaufman MR, **Sirls LT** et al, [**Chancellor MB**] Autologous muscle derived cells for treatment of stress urinary incontinence in women. *J Urol*. 2014 Aug; 192 (2): 469-76.

Peters KM, **Hasenau D**, **Killinger KA**, **Chancellor MB**, Anthony M, Kaufman J. Liposomal bladder instillations for IC/BPS: An open-label clinical evaluation. *Int Urol Nephrol*. 2014 Dec; 46 (12): 2291-5.

Peters KM, **Gilmer H**, **Feber K**, **Girdler B**, Nantau W, Trock G, et al, [**Killinger KA**]. US pilot study of lumbar to sacral nerve rerouting to restore voiding and bowel function in spina bifida: 3-year experience. *Adv. Urol*. 2014; 2014: 863209.

Peters KM, **Killinger KA**, **Jaeger C**, Chen C. A pilot study exploring chronic pudendal neuromodulation as a treatment option for pain associated with pudendal neuralgia. *LUTS: Lower Urinary Tract Symptoms*, 2014; DOI: 10.1111/luts12066.

Peters KM, **Jayabalan N**, **Bui D**, **Killinger KA**, **Chancellor MB**, **Tyagi P**. Effect of sacral neuromodulation on outcome measures and urine chemokines in interstitial cystitis/painful bladder syndrome (IC/PBS) patients. *LUTS: Lower Urinary Tract Symptoms*, 2014, published online March 17, 2014.

Sirls LT, Rosenblum N. Transobturator versus retropubic approach for a mid-urethral sling. *J Urol*. 2014 Nov; 192 (5): 1326-8.

Smith P, Tyagi P, Kuchel GA, Pore S, Chermansky C, **Chancellor MB**, et al, [**Levanovich P**]. Advanced therapeutic directions to treat the underactive bladder. *Int Urol Nephrol*. 2014; Sep 46 Suppl 1: S35-44.

Valente S, DuBeau C, Chancellor D, Okonski J, **Verecke A**, **Doo F**, et. Al, [**Lajiness M**, **Diokno A**, **Chancellor MB**]. Epidemiology and demographics of the underactive bladder: A cross-sectional study. *Int Urol Nephrol*. 2014 Sep; 46 Suppl 1:S7-10.

Wenzler DL, **Burks FN**, **Cooney M**, **Peters KM**. Proof of concept trial on changes in current perception threshold after sacral neuromodulation. *Neuromodulation*. 2014 Aug 12.

Wenzler DL, **Rosenberg BH**. Urologists' personal feelings on PSA screening and prostate cancer treatment. *J Eval Clin Pract*. 2014 Aug; 20 (4): 408-10.

Wood DP. Recurrence of high-risk bladder cancer: A population-based analysis. *J Urol*. 2014 May; 191 (5): 1264.

Urology

Peer-Reviewed Articles: continued

Wood DP. Current clinical practice gaps in the treatment of intermediate-and high-risk non-muscle-invasive bladder cancer (NMIBC) with emphasis on the use of bacillus Calmette-Guerin(BCG): Results of an international individual patient data survey (IPDS). J Urol. 2014 Jun; 191 (6):1731.

Zhang PL, **Hafron J.** Progenitor/stem cells in renal regeneration and mass lesions. Int Urol Nephrol 2014; 46(11): 2227-2236.

Zimmern P, Litman H, Nager C, **Sirls LT**, Kraus S, Kenton K, et.al. Pre-operative urodynamics in women with stress urinary incontinence increases physician confidence, but does not improve outcomes. Neuroural Urodyn 2014 22; 302-306.

Zyczynski HM, **Sirls LT**, Greer WJ, Rahn DD, Casiano E, Norton P, et al. Findings of universal cystoscopy at incontinence surgery and their sequelae. Am J Obstet Gynecol. 2014 May, 210 (5):480.

Book Chapters or Full Book Publications:

Diokno AC, Lajiness M, Griebing T. Urinary incontinence: Evaluation and diagnosis. Geriatric Urology, Griebing, T.L. 1st Edition (pp.127-140) New York: Springer, 2014.

*Msangi GM, **Peters KM.** Neuromodulation: PTNS. G.H. Badlani (Ed) Minimally Invasive Therapy for Urinary Incontinence and Pelvic Organ Prolapse (pp. 171-176). Springer Science+Business Media, NY, 2014.

Quallich SA, **Lajiness M.** Nursing assessment: Tenal and urinary tract function. Focus on Adult Health: Medical Surgical Nursing. 2nd Edition (pp. 294-330) Philadelphia: Lippincott Williams & Wilkins, 2014.

Abstracts/Posters:

Banes-Berceli A, Singhal S, **Fulton M**, Geddes T, Thibodeau B, Wilson G, **Hafron J.** Alterations in Janus (JAK2)/signal transducer of activated transcription pathway in human renal cell carcinoma. Federation of American Society of Experimental Biology (FASEB), April 2014; 28 (1 Supplement).

Billia M, Burtnyk M, Pahernik S, Roethke M, **Relle J, Hafron J.** Whole-gland magnetic resonance imaging MRI-guided transurethral ultrasound ablation of prostate cancer: Preliminary outcomes of a phase I clinical trial. Société Internationale d'Urologie (SIU), Glasgow, Scotland, October 12-15, 2014.

Burtnyk M, Billia M, Popeneciu IV, **Hafron J**, Roethke M, Schlemmer HP, et al, [**Relle J**]. MRI-guided transurethral ultrasound prostate ablation: Midterm outcomes of a phase I clinical trial. International Symposium on Current and Future Applications of Focused Ultrasound (FUS), Bethesda, MD, October 12-16, 2014.

Urology

Abstracts/Posters: continued

Chennamsetty A, Poushanchi B, Pew S, **Hollander J**, **Killinger KA**, Coffey M, et al, [**Peters KM**, **Hafron J**]. Urinary incontinence and satisfaction with treatments after robotic assisted radical prostatectomy. 88th Annual Meeting of the North Central Section of American Urological Association, Chicago, IL, September 10-13, 2014.

Hafron J, Nandular K, Burtnyk M, Chin J, Billia M, Pahernik S, et al, [**Relle J**]. Magnetic resonance image guided transurethral ultrasound ablation of prostate cancer: Preliminary outcomes of a phase I multi-center clinical trial. 88th Annual Meeting of the North Central Section of American Urological Association, Chicago, IL, September 10-13, 2014.

Popeneciu IV, Billia M, **Hafron J**, Burtnyk M, Kuru TH, Hatiboglu G, et al, [**Relle J**]. Magnetic resonance imaging MRI-guided transurethral ultrasound ablation of prostate cancer: Midterm outcomes of a phase I clinical trial. International Symposium on Focal Therapy and Imaging in Prostate and Kidney Cancer, Pasadena, CA, August 21-23, 2014.

Pridmore D, Chen C, **Killinger KA**, **Peters KM**, **Hollander J**, **Hafron J**. Factors associated with poor return of urinary function after robotic assisted radical prostatectomy: Evaluation of expanded prostate cancer index composite (EPIC) scores. American Urological Association Meeting, Orlando, FL, May 16-21, 2014.

Pridmore D, **Chennamsetty A**, **Hafron J**, **Lutz M**, **Hollander J**, **Peters KM**. Factors associated with poor return of urinary function after robotic assisted radical prostatectomy: Evaluation of expanded prostate cancer index composite (EPIC) scores. 88th Annual Meeting of the North Central Section of American Urological Association. Chicago, IL, September 10-13, 2014.

Wolf MB, Roethke M, Pahernik S, Hadaschik B, Kuru T, Popeneciu IV, et al, [**Relle J**, **Hafron J**]. Localized prostate cancer treated with MRI-guided transurethral ultrasound ablation. International Cancer Imaging Society (ICIS), Heidelberg, Germany, October 9-11, 2014.

Wolf MB, Roethke M, Pahernik S, Hadaschik B, Kuru T, Popeneciu IV, et al, [**Relle J**, **Hafron J**]. MRI-guided transurethral ultrasound ablation for treatment of localized prostate cancer. Radiological Society of North America (RSNA), Chicago, IL, November 30-December 5, 2014.

Research Presentations:

Benson K, Noblett K, **Peters KM**, Siegel S, Birder L, Wei K. Neuromodulation optimization and opportunities. American Urogynecologic Society and the International Urogynecological Association Scientific Meeting, Washington, DC, July 22, 2014.

Chehab M, Vartanian A, Ciacci J, Xiang L, **Korman H**, **Blum E**, et al, [**Pridmore D**]. Percutaneous cryoablation versus partial nephrectomy (open and robot assisted): Cost analysis from a single institution. 88th Annual Meeting, North Central Section, Chicago, IL, September 11, 2014.

Urology

Research Presentations: continued

Chennamsetty A, Edwards L, Hafron J, Pew S, Poushanchi B, et al. Predictors of incisional hernia after robotic assisted radical prostatectomy. Michigan Urological Society Resident Research Day, Livonia, MI, May 7, 2014.

Chennamsetty A, Edwards L, Pridmore D, Hafron J, Pew, S, Poushanchi B, et al. [Hollander J, Killinger KA, Coffee M, Peters KM]. Exploring potential predictors of incisional hernia after robotic assisted radical prostatectomy (RARP). Michigan Urological Society Resident Research Day, May 7, 2014.

Chennamsetty A, Hafron J, Poushanchi B, Pew S, Killinger KA, et al. Urinary incontinence treatments and satisfaction after robotic assisted radical prostatectomy. North Central Section of the American Urological Association. Chicago, IL, September 2014.

Chennamsetty A, Khourdaji I, Goike J, Killinger KA, Girdler B, et al. Electrosurgical management of Hunners ulcers in a referral center's interstitial cystitis population. Michigan Urological Society Resident Research Day, May 7, 2014. 88th Annual North Central Section, American Urological Association. Chicago, IL, September 10-13, 2014.

Chennamsetty A, Poushanchi B, Pew S, Hollander J, Killinger KA, Coffey M, et al, [Peters KM, Hafron J] Urinary incontinence and satisfaction with treatments after robotic assisted radical prostatectomy. 88th Annual North Central Section, American Urological Association. Chicago, IL, September 10-13, 2014.

Chennamsetty A, Pridmore D, Wenzler D, Rubenstein R, Rosenberg B. Staghorn and large renal calculi mainly caused by metabolic abnormalities. 88th Annual North Central Section, American Urological Association. Chicago, IL, September 10-13, 2014.

Chennamsetty A, Wenzler D, Fischer M. Removal of penile constricting device with a large orthopedic pin cutter. Michigan Urological Society Livonia, Michigan, May 2014.

Dove-Meadows E. A multimodal approach to urologic dysfunction and pelvic pain. Society of Urologic Nurses and Associates (SUNA) Conference, Chicago IL, October 31-November 3, 2014.

Ehlert M, Bartley J, Killinger KA, Gilleran J, Fischer M. Voiding symptoms and treatments after robotic assisted prolapse surgery (RAPS). Society for Urodynamics and Female Urology (SUFU) Miami, FL, February 25-March 1, 2014.

Ehlert M, Bartley J, Killinger KA, Gilleran J, Fischer M. Secondary procedures after robotic assisted prolapse surgery (RAPS). Society for Urodynamics and Female Urology (SUFU) Miami, FL, February 25-March 1, 2014.

Ehlert M, Bartley J, Killinger KA, Gilleran J, Fischer M. Management of recurrent prolapse after robotic-assisted prolapse surgery (RAPS). Society for Urodynamics and Female Urology (SUFU) Miami, FL, February 25-March 1, 2014.

Urology

Research Presentations: continued

Ehlert M, *Carrico D, Tomakowsky J, Dove-Medows E, Carty J, Lumley M, et al, [**Sirls L, Bartley J, Peters KM**]. Associations between validated urology and psychology questionnaires in a women's urology center practice. Society for Urodynamics and Female Urology (SUFU) Miami, FL, February 25-March 1, 2014.

Ehlert M, *Carrico D, Dove-Medows E, Seltzer M, **Bartley J, Gilleran J**, et al, [**Sirls LT, Peters KM**]. Bullying and abuse history: Relationships with pain, urologic symptoms, exam and co-morbidities. Society for Urodynamics and Female Urology (SUFU) Miami, FL, February 25-March 1, 2014.

Ehlert M, Sirls LT, *Carrico D, Dove-Medows E, Gilleran J, Bartley J, et al. [**Peters KM**]. Voiding complaints in patients presenting with pelvic pain. Society for Urodynamics and Female Urology (SUFU) Miami, FL, February 25-March 1, 2014. 88th Annual North Central Section, American Urological Association, Chicago, IL, September 11, 2014.

Fulton M, Rubenstein R. Primary testicular adenocarcinoma presenting 40 years after partial orchiectomy. 88th Annual North Central Section, American Urological Association, Chicago, IL, September 11, 2014.

Fulton M, Singhal S, Geddes T, Thibodeau B, Wislon G, Banes-Berceli A, et al, [**Hafron J**]. Analysis of affymetix human gene microarrays of clear cell renal cell carcinoma. Michigan Urological Society Resident Research Day, May 7, 2014.

Gilleran J. Trigger point injections: Looking beyond the bladder. Hands-On: Chronic pelvic pain in women. Assessment, Diagnosis, Innovative Treatments Conference, Beaumont Hospital, Royal Oak, MI, September 26, 2014.

Gilleran J, Killinger KA, Bartley J, Boura J, **Peters KM**. Does the interstitial cystitis symptom and problem index reliably measure overactive bladder symptoms? Society for Urodynamics and Female Urology (SUFU) Miami, FL, February 25-March 1, 2014.

Hafron J, Nandular K, Burtnyk M, Chin J, Billia M, Pahernik S, et al, [**Relle J**]. Magnetic resonance image guided transurethral ultrasound ablation (TULSA) of prostate cancer: preliminary outcomes of a phase I multi-center clinical trial. 88th Annual Meeting, North Central Section, Chicago, IL, September 11, 2014.

Hafron J, Pew S, Poushanchi B, **Hollander J, Killinger KA**, Coffee M, et al, [**Peters KM**]. Exploring potential predictors of hernia after laparoscopic procedures such as robotic assisted radical prostatectomy (RARP). Society for Urodynamics and Female Urology (SUFU) Miami, FL, February 25-March 1, 2014.

Peters KM, Killinger KA, Boura J, **Gilleran J, Bartley J**. Pudendal vs. sacral neuromodulation for pelvic pain. Society for Urodynamics and Female Urology (SUFU) Miami, Florida February 25-March 1, 2014. 109th American Urologic Association (AUA) Meeting, Orlando, FL, May 20, 2014.

Urology

Research Presentations: continued

Peters KM. Urgency, frequency and pain: Looking beyond the bladder. Hands-on: Chronic pelvic pain in women: Assessment, diagnosis, innovative treatments Conference. Beaumont Hospital, Royal Oak, MI, September 26, 2014.

Peters KM. Interstitial cystitis, pudendal neuropathy and sexual function. 109th American Urological Association (AUA) Meeting, Orlando, FL, May 19, 2014.

Peters KM. The use of 3rd line therapy for overactive bladder in the geriatric population. Geriatric Urological Society Meeting 109th American Urological Association (AUA) Meeting, Orlando, FL, May 18, 2014.

Peters KM. Advanced neuromodulation for pelvic floor disorders. Nationwide Children's Hospital, Columbus OH, May 9, 2014.

Peters KM. The use of stem cells in patients to treat incontinence. Society for Urodynamics and Female Urology (SUFU) Winter Meeting, February 25-March 1, 2014.

Peters KM, Futterman S, Hibner M. Management of pudendal neuropathy. International Society for the Study of Women's Sexual Health (ISSWSH) annual meeting. San Diego, CA, February 22, 2014.

Peters KM. Sacral neuromodulation for idiopathic retention: An approved indication. First International Congress of Urologic Research and Education on Aging Underactive bladder, Bethesda, MD, February 20-21, 2014.

Peters KM. Abdominal repairs for apical prolapse. 19th Annual Rodney Appell Memorial Update in Gynecological Urology Conference, Grand Cayman, Cayman Islands, February 13-15, 2014.

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