### Resident / Fellow Research

<table>
<thead>
<tr>
<th>Research Title</th>
<th>Responsible Authors</th>
<th>Publication Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postoperative follow-up after vasectomy: What are we missing?</td>
<td>Dynda, Holland, Kottwitz</td>
<td>Expedited. 13-813</td>
</tr>
<tr>
<td>Mathews, Dynda, Baas. Penile Length in pediatric urology.</td>
<td>Expedited. 17-120</td>
<td></td>
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<tr>
<td>Cardiac &amp; Urologic Pathology/Prevalence Interplay Determination Study.</td>
<td>McVary, Dynda, Baas, Holland, Kottwitz</td>
<td>Full Board. 12-538</td>
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<tr>
<td>Myrbetriq™ (Mirabegron) to Improve Disordered Sleep in Subjects with Lower Urinary Tract Symptoms (LUTS).</td>
<td>McVary, Dynda, El-Zawahry, Holland, Kottwitz</td>
<td>Full Board. 14-184-B</td>
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<tr>
<td>Rezum system vs. Medical Therapy (MTOPS) to treat symptomatic Lower Urinary Tract Symptoms (LUTS): A Data Analysis. Non-human research determination.</td>
<td>McVary, Dynda, Holland</td>
<td>16-567</td>
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<tr>
<td>Prospective Aneurysm Trial: High Angle Aortic Bilateral Stent Graft (Pythagoras Study)</td>
<td>McVary, Dynda, Delfino, Davis</td>
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<td>Assessment of the Gore® Excluder® Conformable AAA Endoprosthesis in the Treatment of Abdominal Aortic Aneurysms: AAA 13-03</td>
<td>McVary, Dynda, Sadowski</td>
<td>Expedited. 15-350</td>
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<tr>
<td>BEST-CLI Trial: Randomized, Multicenter Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia.</td>
<td>McVary, Dynda, Sadowski</td>
<td>Expedited. 15-350</td>
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<tr>
<td>An international, multicenter, randomized, double-blind, placebo-controlled phase 3 trial investigating the efficacy and safety of rivaroxaban to reduce the risk of major thrombotic vascular events in patients with symptomatic peripheral artery disease undergoing lower extremity revascularization procedures.</td>
<td>McVary, Dynda, Sadowski</td>
<td>Expedited. 15-350</td>
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### Vascular

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<tr>
<td>BEST-CLI Trial: Randomized, Multicenter Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia.</td>
<td>Hodgson, Sub-I: Hood, Hasanadka, Participating Clinician: Caldwell, Naddaf, Choudry, Nanavati, Zhang</td>
<td>Selenium. 15-350</td>
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<td>An international, multicenter, randomized, double-blind, placebo-controlled phase 3 trial investigating the efficacy and safety of rivaroxaban to reduce the risk of major thrombotic vascular events in patients with symptomatic peripheral artery disease undergoing lower extremity revascularization procedures.</td>
<td>Hodgson, Sub-I: Hood, Hasanadka, Participating Clinician: Caldwell, Naddaf, Choudry, Nanavati, Zhang</td>
<td>Selenium. 15-350</td>
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### Cardiac & Urologic Pathology/Prevalence Interplay Determination Study.


McVary, Dynda, El-Zawahry, Helo, Petrossian, Siddique, Adams, Evans, Sanchez, Myrbetriq™ (Mirabegron) to Improve Disordered Sleep in Subjects with Lower Urinary Tract Symptoms (LUTS). Full Board. 14-184-B.

McVary, Dynda, Sadowski. INVESTIGATING THE ETIOLOGY OF KIDNEY CANCER DISPARITIES IN ILLINOIS. Non-human research determination. 15-350.


McVary, Sadowski. Rezum system vs. Medical Therapy (MTOPS) to treat symptomatic Lower Urinary Tract Symptoms (LUTS): A Data Analysis. Non-human research determination. 16-567.


fulfill our mission to assist the people of central and southern Illinois in meeting their health care needs through education, patient care, research, and service to the community, but common to all is an amazing amount of commitment, passion and dedication on the part of trainees, program directors, program coordinators, faculty, staff, and hospital partners. I often have the opportunity to meet GME and hospital leaders, faculty and trainees from institutions across the country. I always come back with a newfound appreciation for the quality of the care we provide, the training we deliver, and our collective focus on our educational mission. It is against this backdrop of appreciation and pride that I present the 2017-2018 GME Annual Report.

Chair, GMEC
Vidya Sundareshan, MD (Fellowship)

Program Directors
Erica Nelson, MD
Ryan Pate, MD
Janet Patterson, MD
Quincy Scott, DO
Santosh Shrestha, MD
Nicole Sommer, MD
Andrew Varney, MD
James Waymack, MD

Residents
Tyler Fulks, MD
Breck Jones, MD
Daniel Ryan, MD
Jacob Scheer, MD
Nader Tehrani, MD
Waiz Wasey, MD

Legal Counsel
Jennifer Graham, JD

Program Coordinator
Quincy Quinones

Faculty
Sandra Ettema, MD
Harald Lausen, DO, AOA Director
David Jeong, MD
Paula Mackrides, DO, AOA Director
Laura Shea, MD

Hospital Administrators
Rajesh Govindiaiah, MD, CMO Memorial
Shanna Hull, HSHS St. John’s
Gurpreet Mander, MD, CMO HSHS St. John’s

Sports Medicine - Quincy

Resident / Fellow Research

Resident / Fellow Research
Surgery
Buckley, Ganai, Melling, Kim, Rosell, Zehned, Rural-Urban Differences in Time to Radiation among Breast Conserving Surgery Patients
Buckley, Zehned, Rea, Ganai, Melling, Ganai, Impact of Rural-Urban Status on Survival After Mastectomy without Reconstruction versus Mastectomy with Reconstruction (IRB#43-239)
Ganai, Melling, Rea, Bailey, Buckley. Impact of Time to Surgery on Rural-Urban Disparity in Breast Cancer
Ganai, Melling, Rea, Buckley, Rural-Urban trends for breast cancer
Ganai, Melling, Rea, Buckley, Bailey. Timing of Surgery for breast cancer
Ganai, Regan, Mackinnon, Pancreatic cancer as a function of rurality and proximity to providers (IRB#44-138)
Ganai, Regan, Mackinnon, EUS Proximity for esophageal cancer
Ganai, Regan, Mackinnon, The impact of rurality and access to gastroenterologists on disparities in pancreatic cancer staging & mortality
Ganai, Smith, Mackinnon, Youger, YTE Prevention in Major Abdominal/Pelvic Oncology Surgical Patients (IRB#14-198)
Ganai, Smith, Mackinnon, Youger, Investigation of Barriers to Utilization of Post-Diagras Venous Thromboembolism Prophylaxis for Post-Operative General Surgery Cancer Patients
Ganai, Sturm, Mackinnon, Rejowski, Khan, Buckley, National trends in esophagectomy for (N3) breast cancer
Ganai, Sturm, Mackinnon, Cancer Prognosis in Illinois (IRB#16-507)
Ganai, Zehned, Sturm, Khan, Mackinnon. Disparities in esophageal cancer surgery (IRB#16-514)
Ganai, Zehned, Sturm, Khan, Mackinnon, National trends in local excision and esophagectomy for (2N) breast cancer
Hofmann, Cooper, Bauman, Khan. Adenoma Detection Rates After A Negative Screening Colonoscopy, (IRB#16-587)
Holland, Sturm, An Appreciative Inquiry Approach to the Core Competencies: Taking it From Theory to Practice, (IRB#14-207)
Urology / Andrology
Dynda (Alanes), Sadowski, Predicting hospital readmission after cystectomy: Non-human subject determination. 15-306
Dynda, Baas, Ran, PD-1/PD-L1 Analysis of High Risk Prostate Cancer Patients. Exploited. 14-061
Dynda, Holland. The Impact of Non-Disease Related Factors on Survival in Patients with Prostate Cancer. Exempt. 14-153
GOAL 1

Promote an Outstanding Learning and Work Climate (carry over from 2016-2017)

This has been a priority institutional GME goal since 2014. Initial steps focused on providing education on the dimensions of learning climate and effective feedback, and including access to wellness resources. As we have recognized an inverse relationship between faculty and resident workloads and learner satisfaction, more recent efforts have centered on outreach with SIU Medicine leaders regarding programs with critical faculty levels and taking steps to ensure all programs have an adequate resident complement. Residents are surveyed twice a year on various aspects of their training via the GME Resident Survey and the SIU GME End of Year Evaluation. Input from these instruments on a variety of training parameters, including learning climate, are included in this report. In a separate survey of Springfield residents conducted in December 2017, 86% rated the learning climate in their program as good or excellent, as compared to 76% in December 2016.

GOAL 2A/2B

Improve the process and practice of feedback from clinical sites to individual residents/faculty/teams reporting errors.

Establish a process and practice for each clinical site to provide summary information of their institution’s patient safety reports to residents, faculty and their clinical staff.

The reporting of errors and near misses is a cornerstone of ACCME patient safety initiatives. In 2017, it became a requirement that residents, fellows, faculty members, and other clinical staff members must be provided with summary information of their institution’s patient safety reports, and that GMEC must oversee these efforts. We have started with our Springfield hospitals, with a quarterly review of numbers, origins and trends in the distribution of patient safety reports. In addition, quality and patient safety leaders from individual hospitals have begun to meet with programs for feedback regarding specialty level patient safety reports and subsequent actions.
GOAL 3

Improve the level of faculty and resident scholarly activity

A GMEC subcommittee on scholarly activity was established. Each program reviewed a receipt and feedback on their scholarly activity. A Scholarly Activity Readiness Metric and Resource list was distributed. GMEC worked with SIU SOM library staff to develop an e-learning module on Open Access journals. In 2018, the number of programs with RRC citations was reduced from 8 to 3. Those programs with citations are well on their way to meeting scholarly expectations. No programs have current citations for resident scholarly activity.

Learning Climate Comparison

<table>
<thead>
<tr>
<th>ACGME program reported in % compliant responses</th>
<th>ACGME Resident Survey</th>
<th>SIU End of Year Evaluation (completed May-June)</th>
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<tbody>
<tr>
<td>Ability to express concerns without fear</td>
<td>% Good/ Excellent</td>
<td>% Good/ Excellent</td>
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<tr>
<td>% in A/Y</td>
<td>National Average</td>
<td>National Average</td>
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<tr>
<td>Dermatology</td>
<td>85%</td>
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<tr>
<td>Emergency Medicine</td>
<td>81%</td>
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<tr>
<td>Endocrinology</td>
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<tr>
<td>Pharmacology</td>
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<tr>
<td>Internal Medicine</td>
<td>81%</td>
<td>81%</td>
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<tr>
<td>Med/Psych</td>
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<td>82%</td>
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<tr>
<td>Neurology</td>
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<tr>
<td>OB/GYN</td>
<td>81%</td>
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<td>Orthopaedics</td>
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<td>Obstetrics</td>
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<td>Pediatrics</td>
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<td>Pulmonary</td>
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<tr>
<td>Vascular Surgery</td>
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</tr>
<tr>
<td>All Programs/Institution</td>
<td>85%</td>
<td>85%</td>
</tr>
</tbody>
</table>

ACGME KEY

- Falls below national average of % compliant responses
- No report for Adult Recon, Child Psych, Colon & Rectal Surgery, Hand Surgery, Infectious Diseases, Sports Medicine (2)

GOALS for 2018/19

- Reduce the number of programs with RRC citations from 3 to 0.
- Increase the number of programs with scholarly activity citations from 2 to 3.
- Improve the level of faculty and resident scholarly activity.

Resident / Fellow Presentations & Research

American College of Surgeons Meeting, June 2017, San Diego, CA

An Appreciative Inquiry Approach to the Core Competencies: Taking it from Theory to Practice. Presentation. Storm, Wall, Melling.

SAGES, April 2018, Seattle, WA


ASCRS, May 2018, Nashville, TN


Dietetic Digestion Week, June 2018, Washington, DC


Ultrasound

Sexual Medicine Society of North America, October 2017, San Antonio, TX

Comparison of lower urinary tract symptoms and sexual function response to convulsive radiofrequency thermal therapy of prostate (Rezum) to MTOPS study cohort. Poster. Holland B.

Infections Disease

Koiraia, Co-investigator MMukka. In vitro antitumoricidal susceptibility and molecular characterization of MDR and MRDR Pseudomonas aeruginosa

Koiraia, Co-investigator MMukka. In vitro antitumoricidal synergy strategies for MRSA

Koiraia, Co-investigator MMukka. In vitro antitumoricidal susceptibility, synergy, and resistance mechanism for Multidrug Resistant Acinetobacter baumannii

Koiraia, Co-investigator MMukka. In vitro IFN- release assay as a screening test for MAC infection.

Internal Medicine

Pathik S, Co-investigator: Soriano P. The role of multimodal imaging for the accurate staging of early rectal cancer, Simon’s Cancer Institute and Memorial Medical Center.

Rao K, Co-investigator: Soriano P. A Descriptive Study on the outcomes of resected T4B head and neck cancer, Simon’s Cancer Institute and Memorial Medical Center.

Neurosurgery


Oncology

Pathik S, Co-investigator: Soriano P. A Descriptive Study on the outcomes of resected T4B head and neck cancer, Simon’s Cancer Institute and Memorial Medical Center.

Neurology


Ob/Gyn


Pathik S, Co-investigator: Soriano P. A Descriptive Study on the outcomes of resected T4B head and neck cancer, Simon’s Cancer Institute and Memorial Medical Center.

Otolaryngology


Orthopaedics


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Otorhinolaryngology

Pathik S, Co-investigator: Soriano P. A Descriptive Study on the outcomes of resected T4B head and neck cancer, Simon’s Cancer Institute and Memorial Medical Center.

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Pathik S, Co-investigator: Soriano P. A Descriptive Study on the outcomes of resected T4B head and neck cancer, Simon’s Cancer Institute and Memorial Medical Center.
Resident / Fellow Presentations

Midwestern Association of Plastic Surgeons Annual Scientific Meeting, April 2018, Chicago, IL
3D Anthropometric Analysis in the Classification of Unilateral Cleft Lip Severity. Castaldo A, Snider C, Calder K.
Skin Improvement in Radiation Wounds: The Impact of Adipose Derived Stem Cells. Daugherty THF, Harrison C, Hughes L, Reichenberger J, Neumeister MW.
Plastic Surgery Research Council National Meeting, May 2018, Birmingham, AL
Canadian Society of Plastic Surgeons Annual Meeting, June 2018, Edmonton, AB
3D anthropometric analysis in the classification of unilateral cleft lip severity. Castaldo A, Snider C, Calder K.
Psychiatry (also see Medicine/Psychiatry)
American Neuropsychiatric Association Annual Meeting, March 2018, Boston, MA
A Case of a Schizophrenic Patient with Brugada Syndrome. Cudjoe N, Bennett J, Sharma S.
American Psychiatric Association Annual Meeting, May 2018, New York, NY
A Case of Peripheral Erythromelalgia Possibly Induced by Electroconvulsive Therapy. Sharma S, Cudjoe N.
Diagnosing and Treating Bipolar Disorder in Geriatric Population. Hunter BN, Cardon BR, Sharma A, Crosby DL.
Socioeconomic status and rurality among patients with head and neck cancer. Poster. Lawrence L.

Pediatrics
Society Of Critical Care Medicine, February 2018, San Antonio, TX
The role of Pou4f3 in regulating survival of vestibular hair cells. Oral presentation. Ezelio NY, Cse BC.
Combined Otolaryngology Spring Meetings, April 2018, National Harbor, MD
Factors associated with patient nonattendance in rhinology clinics. Oral presentation. Hunter BN, Cardon BR, Sharma A, Crosby DL.
Use of Hospital Diaries in Pediatrics: A Descriptive Analysis. Khanal A, Capriolo G.

Plastic Surgery
American Society of Plastic Surgery, The Meeting, October 2017, Orlando, FL
A football team’s woes with a rash. Ross AJ.
Stem Cell Augmentation of Fracture Healing. Resident Abstracts. Ross AJ.
Targeted Stretching and Strength Training to Improve Postural Ergonomics and Surgical Endurance in the Operating Room. Winters JN, Marschak BA, Hubler L DPT, Culler BJ DPT, Sommer NJ.
American Association for Hand Surgery Annual Meeting, January 2018, Phoenix, AZ

Academic Programs & Accreditation

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<td>FCM - Springfield</td>
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Resident Satisfaction with Training

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**No report for Adult Recon, Child Psych, Colos & Bectal Surgery, Hand Surgery, Infectious Disease, Sports Medicine (2)**

Resident / Fellow Presentations

**American Heart Association Meeting, November 2017, Anaheim, CA**
False Activation of the Emergency Department for Traiged Patients with Proxmed STEMIs Associated with Worse Long Mortality. Al-Akchar M (third author) et al.

Long-term (3-Year) Mortality of ST Elevation Myocardial Infarction Patients Directly Admitted to Facilities for Primary Percutaneous Coronary Intervention vs Inter-Hospital Transfer: Impact of Targeted Use of Pre-Transfer Fibrinolytic Therapy. Al-Akchar M (third author) et al.

Reliance on Electrocardiogram Computer Algorithm Interpretation to Activate ST Elevation Myocardial Infarction Processes of Care and Initiate Reperfusion Therapy: Impact on False Activation. Al-Akchar M (first author) et al.

**American Academy of Neurology (AAN) Annual Meeting, April 2018, Los Angeles, CA**

A Case of Intravascular Large B Cell Lymphoma. Poster. Chaku S, Khan N, Siddiqui F.

Thrombolysis in Posterior Circulation Stroke Patients is associated with Prolonged Door to needle Time. Ibrahim F, Murr N.

**Annual Assembly of Hospice and Palliative Care, March 2018, Orlando, FL**

An Ethical Crossroad: The Surrogate Who Refuses Pain Medications on Behalf of the Patient without Decisional Capacity on the Basis of Spirituality or Religion. Poster. Mathew S, Varney A.

**American College of Physicians - Internal Medicine, National Abstract Competitions, April 2018, New Orleans, LA**

**American Heart Association Meeting, November 2017, Anaheim, CA**
Nivolumab Induced Auto-immune Encephalitis. Poster. Choucair A.

Reliance on Electrocardiogram Computer Algorithm Interpretation to Activate ST Elevation Myocardial Infarction Processes of Care and Initiate Reperfusion Therapy: Impact on False Activation. Al-Akchar M (first author) et al.

**American Neurological Association (ANA) Annual meeting, October 2017, San Francisco, CA**

Primary Hyperparathyroidism with Low Parathyroid Hormone Level Diagnosed by the Therapeutic Response to the Calcimimetic Agent Cacalcitol. Poster. Bandara S, and Jakoby M.

**American Psychiatric Association Annual Meeting, May 2018, New York, NY**

The use of Nalbuphine in the Treatment of Opioid-induced Urinary Retention [abstract]. Ibrahim AM, Adaramola D, Obaidi Z, and Ongut S.

**American Neurological Association (ANA) Annual meeting, October 2017, San Francisco, CA**


**American Psychiatric Association Annual Meeting, May 2018, New York, NY**

Anterior Sensory Myelopathy. Poster. Mathew S, Cozzens JW.

**Annual Assembly of Hospice and Palliative Care, March 2018, Orlando, FL**

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A Case of Intravascular Large B Cell Lymphoma. Poster. Chaku S, Khan N, Siddiqui F.

Case report: Artery of Percheron infection detected by CT perfusion imaging, prompting thrombolytic treatment with excellent outcome. Ume K, Hileman M, Thakkar V, Mused S.

Iplimpanib induced auto-immune Hypophysitis. Poster. Mian N, Rukunmangadac L, Choucair A.


Posterior Reversible Encephalopathy Syndrome PIES Clinical Presentation and Epidemiology in Different south Asian Population. Ibrahim F, Murr N.

Thrombolysis in Posterior Circulation Stroke Patients is associated with Prolonged Door to needle Time. Ibrahim F, Murr N.

**Neurosurgeries**

**Congress of Neurological Surgeons, October 2017, Boston, MA**

Adjunct Level Disease Following Two Level Axial Lumbar Interbody Fusion with Percutaneous Pedicle Screw fixation. Poster. Michael AP, Weber M, Ganapathy V.

**Anterior Sensory Myelopathy. Poster. Michael AP, Cozzens JW.**

**Anterior Sensory Myelopathy. Poster. Michael AP, Cozzens JW.**

**Anterior Sensory Myelopathy. Poster. Michael AP, Cozzens JW.**

**American Psychiatric Association Annual Meeting, May 2018, New York, NY**

Assessment of Early Intrauterine Device Removal. Diebold T, O’Connor B, Gaclalone M, Dua/Sylvester P, Nelson E.

**Anterior Sensory Myelopathy. Poster. Michael AP, Cozzens JW.**

**Anterior Sensory Myelopathy. Poster. Michael AP, Cozzens JW.**

**Anterior Sensory Myelopathy. Poster. Michael AP, Cozzens JW.**

**American Psychiatric Association Annual Meeting, May 2018, New York, NY**


**American Psychiatric Association Annual Meeting, May 2018, New York, NY**


**American Psychiatric Association Annual Meeting, May 2018, New York, NY**


**Orthopaedics**

**AAOS Annual Meeting, March 2018, New Orleans, LA**

Life as a Resident. Medical Student Program. Graham JD

**Which Domains of the NDI Best Predict Change in Physical Function after Surgery for Cervical Myelopathy? Murphy HOA**

**OB/GYN**

**District VI Annual Meeting of the American Congress of Obstetricians and Gynecologists (ACOG), September 2017, San Antonio, TX**

Assessment of Early Intrauterine Device Removal. Diebold T, O’Connor B, Gaclalone M, Dua/Sylvester P, Nelson E.

**Anterior Sensory Myelopathy. Poster. Michael AP, Cozzens JW.**

**Anterior Sensory Myelopathy. Poster. Michael AP, Cozzens JW.**

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**American Psychiatric Association Annual Meeting, May 2018, New York, NY**

Trainee Research Winners

RESIDENT/FELLOW WINNERS OF THE 2018 SIU SCHOOL OF MEDICINE TRAINEE RESEARCH SYMPOSIUM

Award | Resident/Fellow | PGY/Program | Mentor | Title
--- | --- | --- | --- | ---
1st Place | Rawan Masaifit, MD | PGY3 Pediatrics | Sangita Basnet, MD | Effect of Potassium Infusions on Serum Levels in Children During Treatment of Diabetic Ketoacidosis

2nd Place | Amir Khan, MD | PGY4 General Surgery | Sabba Ganai, MD | Adjacency of Rural County of Residence to an Urban County May Determine Survival for Stage I Pancreatic Cancer

3rd Place | Ashley Butlin, MD | PGY4 OB/GYN | Yabia Zeino, MD | Prophylactic Salpingectomy Analysis: A Risk Reduction Procedure for Ovarian Cancer

SIU School of Medicine 2017-2018 GME Annual Report
Physician well-being was added as an additional focus area in 2017. GMEC efforts to maximize our learning climate also improved well-being. In addition, we increased the availability and accessibility of mental health treatment resources for residents in affiliation with the GMEC Well-Being Subcommittee was organized, to begin its work in the 2018-2019 academic year.

Patient Safety & Quality Improvement

The GMEC quality and patient safety learning and behavioral objectives were updated and adapted by the GMEC in August 2017. The Mock RCA session was revised in March 2018, to better reflect the process that the Springfield hospitals use in their patient safety investigations. The GMEC institutional quality and patient safety curriculum has transitioned from education to an improvement mindset. Disclosing adverse events to patients and families has been expanded with new offerings available to programs in fall 2018.

The study objective was to quantify the potential decreases in cost and antibiotic use from reducing inappropriate screening and treatment for urinary tract infections (UTI).

CONCLUSIONS: There is substantial opportunity for decreasing costs and inappropriate antibiotic use by addressing automatically reordering urinalysis results to culture. Process improvements implemented include increasing reordering to culture.

The study objectives were to investigate the impact of a QI process on NAS management in a regional perinatal center and evaluate the relationship between NAS and maternal factors of interest.

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between maternal methadone dose and neonatal pharmacological treatment for NAS and hospital length of stay.

CONCLUSIONS: In this infant cohort, the intensity of NAS treatment was linked to maternal methadone dose. A standardized process for NAS management resulted in a sustained reduction in both neonatal methadone therapy and hospital length of stay even though the average maternal methadone dose remained high. Formation of a task force helped in effective communication between medical and the nursing staff ensuring better care for these infants. Future research is needed to track neurodevelopment outcomes of the infants affected by NAS as life-long impacts of early drug exposure is unknown.

The primary objective was to assess the benefit and feasibility of implementing Buzzy® in the SIU Medicine General Pediatrics Resident Clinics.

DISCUSSIONS: It was unanticipated that there was not more reduction in pain between the pre-and post-implementations groups. Based on comments from the surveying surveys, Buzzy® or its frozen wings stressed out some patients. Buzzy® also seemed to complicate the immunization process, as demonstrated by the decreasing scores of ease of shot and nursing satisfaction in the post-implementation groups. Based on these results, it seems that Buzzy® may not be a feasible device to implement in our clinic as it increased immunization complexity and decreased nurse satisfaction while minimally decreasing pain. Although pain reduction was statistically significant with the FLACC score, clinically it may not be significant. Furthermore, there was not a statistically different change in the EPS R scoring. We are continuing another PDSA cycle to determine what may be improved to increase nurse satisfaction and decrease the complexity of using Buzzy® for immunizations.

### Resident / Fellow Publications


Emergency Medicine


### PUBLICATIONS

**Resident / Fellow Publications**

Yochum A, Sonbol K. Before urinalysis and culture, in which

patients would starting empiric antibiotics be appropriate? Evidence-Based Practice Vol 21 No 1 January 2018.

**Family & Community Medicine – Decatur**

Klein, S. Sood, D. Is Zinc supplementation an effective natural alternative to the treatment of ADHD? Evidence-Based Practice. 2017; Published May 2018, Article Number: EMB16285.

**Family & Community Medicine – Quincy**

Jarvai A, Lercy B, King ST, Sowards CR. Does the type of foods offered in school cafeterias reduce the incidence of obesity in high school students? Evidence-Based Practice. April 2018;21(4):e45-e46.


**Family & Community Medicine – Springfield**


**Infectious Diseases (also see Plastic Surgery & Internal Medicine)**


2018 Outstanding Coordinator Award

In recognition of the crucial and expanding management role of GME Program Coordinators, the Office of Graduate Medical Education (OGME) assembles a committee annually to select a coordinator for the Outstanding Coordinator Award (OCA). The office requests written nominations from faculty, staff, and residents/fellows. These are compiled and reviewed by the committee. Every year OGME receives heartfelt nominations in recognition of the hard work SIUSOM coordinators do on a daily basis.

Typically one coordinator is selected for the award. In 2018, after review of the metric results, it was determined that there was a tie for first place and two coordinators were selected as a result.

The co-winners of the 2018 Outstanding Coordinator Award have a combined total of over thirty-five years of graduate medical education experience!

Congrats!

Rhonda Loyd  Vascular Surgery
Stacie Skelton  Radiology

Faculty National Leadership (continued)

Surgery
Sabha Ganai, MD
Board of Directors, The Consortium for Surgical Ethics; Chair, Association for Academic Surgery; Ethics Committee; Chair, Society for Surgical Oncology (SSO) Website and Social Media Communications Committee

Steve Hazelrigg, MD
Chair, Taskforce on New Technologies in Thoracic Surgery, Society of Thoracic Surgery

Roger Kim, MD
Vice-Chair, Committee on Education Technology, Association for Surgical Education; Chair Education Committee, Association for Academic Surgery

John Mellingar, MD
Board of Directors, American Board of Family Medicine; Director, American Board of Surgery; Chair, American Board of Surgery General Surgery Residency Committee; Co-Chair, Resident & Fellow Training Committee and 1st Vice President, Society of American Gastrointestinal and Endoscopic Surgeons; Board of Directors, Association of Program Directors in Surgery; Board of Trustees, Christian Medical and Dental Association

Vascular Surgery
Hillary Sanley, MD
Chair, Association of Women Surgeons Foundation

Urology
Kevin McVary, MD
Chair, Public Media Committee, American Urological Association (AUA); Chair, BPH Clinical Guidelines Panel, AUA; Editorial Board Translational Andrology and Urology Journal (TAU); Chairman, Patient Recruitment Committee: NIH Sponsored Medical Therapy for BPH, NIDDK; Chairman NIDDK Data Committee, NIH Sponsored MIST Trial; Chairman, NIDDK Outcomes and Data Assessment: NIH Sponsored CAMUS Trial; Head, AUA Data Committee, BPH Outcomes

Bradley Schwartz, DO, FACS
Editorial Board, Journal of Urology; Chief Editor, WebMD Urology Section; Editor, Current Pharmaceutical Design; Editor, eMedicine; Consumer Health Journal; Chairman, Special Interest Group—Urology: Robotic Surgery Society of Laparoendoscopic Surgeons; Board of Directors, Army Reserve Representative Society of Government Service Urologists; Chairman, Education Committee North Central Section of the American Urological Association

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House Staff Board of Directors

The Purpose of the SIU House Staff Association is to promote improvements of house staff employment conditions, benefits and training, educate residents on issues affecting them, and promote resident well-being.

A Message from the HS Board of Directors President:

The House Staff Board of Directors (HSBOD) is a group of residents that meets regularly in order to address any issues that are pertinent to residency and training. Each residency program selects two residents to serve as representatives to the HSBOD. This past year, the ACGME and SIU mid-year and end-of-year survey results were thoroughly reviewed. HSBOD worked closely with administration of both Springfield hospital systems, Memorial Medical Center and HSHS St. John’s Hospital, to address all areas of concern, ranging from availability of sleep rooms to health insurance. Specifically, as EHR documentation pervades the future of medicine, we were able to provide suggestions for incoming trainees to efficiently utilize it as a tool. Overall, all programs were encouraged by their experiences and felt confident in the training they were receiving. To further complement continuing medical education, much feedback was provided on all forms of medical education opportunities such as away rotations, conferences, and educational materials. We were able to finalize the application process and provide guidelines for consideration. It was enlightening and encouraging to review the multitude of applications and ultimately approve awards.

As residency can be a formative time during medical training, it was imperative to be involved in orientation for new residents not simply to greet and welcome incoming trainees to SIU, but also to provide information about the house staff association and any resources available. Resident well-being has been a pervasive issue throughout the past year. Specific well-being policies have been developed, and we were able to provide input to the GMEC on how to continue to provide a fruitful learning environment. I am proud to have the honor and privilege to work amongst such talented individuals, and look forward to the efforts of furthering the ultimate goal of providing the best residency experience in the upcoming year.

Asiya Mohammed
Family Medicine PGY2
President, SIU HSBOD

Family & Community Medicine—Quincy
Paula Mackrides, DO
Deputy, American Osteopathic Association House of Delegates; Delegate, American College of Osteopathic Family Physicians Congress of Delegates; Governing Board Member, Osteopathic Post-Graduate Training Institute (OPTI – AT Still)

Family & Community Medicine—Springfield
Wendi El-Amin, MD
Chair, Women’s Health Section, National Medical Association; Board Member, National Commission on Correctional Health Care

Hand Surgery
Michael Neumeister, MD
Plastic Surgery Resident Review Committee, ACGME; Senior Examiner and Director, American Board of Plastic Surgery; Board of Governors, American College of Surgeons; American Council for Academic Plastic Surgeons — Co-Chair, New Technology for Education Committee and Program Coordinators Committee — Chair, Research Committee; PS Coordinators Committee, and Technology Committee; American Society for Plastic Surgeons / Plastic Surgery Foundation — Executive Committee, Board of Directors, Council of Advisors; American Society of Peripheral Nerve — Council Member-at-Large, Chair, By Laws Committee, Executive Board of Directors, Musculoskeletal Transplant Foundation; Editor, American Association for Hand Surgery

Infectious Diseases
Jana Koizila, MD
America Nepal Medical Foundation, Patient-Centered Outcomes Research Institute (PCORI) Reviewer; Board Member, Step Forward Initiative for Kalmykia (Silk Road) TB Project, Palo Alto, CA

Internal Medicine
John Flack, MD
President, American Hypertension Specialist Certification Program

Colon & Rectal Surgery
Jan Rakinski, MD
American Board of Colon & Rectal Surgery (ABCRS) — President, Director Representing Program Directors, Chair of Maintenance of Certification Process Committee

Faculty National Leadership

Susan T Hingle, MD
Chair, Board of Regents, American College of Physicians (ACP); Treasurer, Clerkship Directors Internal Medicine; Chair, National Well-Being and Professional Satisfaction Committee, ACP

Music/Music Therapy
Laura Shea, MD
Illinois Alternate Delegate, American Medical Association

Neurosurgery
Rodger Elble, MD
Chair, Tremor Study Group, International Parkinson and Movement Disorder Society

Najib Murr, MD
Member Steering Committee, Epilepsy Foundation — National Epilepsy and Awareness Collaborative (NNEAC) Community of Practice; Editorial Board Member & Editor in Chief for Epilepsy section of StafPearls

Otolaryngology
Carol Bauer, MD
Secretary General, Hearing International; Education Director & President Elect, American Otological Society; Senior Examiner, ABOto

Pediatrics
Glen Aylward, PhD
Associate Editor, J Dev Behav Pediatrics

Sangita Basnet, MD
Immediate Past President, America Nepal Medical Foundation

Doug Carlson, MD
Chair ABP Credentials Committee, Subboard on Pediatric Hospital Medicine

Michelle Miner, MD
Vice Chairperson, Learning Technology Task Force, Association of Pediatric Program Directors

Janet Patterson, MD
Autism Ambassador, Centers for Disease Control and Prevention, Learn the Signs Act Early

Plastic Surgery
Nicole Sommer, MD
Oral Board Examiner, Chair of Women in Academic Surgery Committee

Rheumatology
Nzeadi Uzochukwu, MD
Board of Directors, Strategic Rheumatology

Sports Medicine—Quincy
James Daniels, MD
Executive Committee of the following organizations: National Quality Forum (NQF) - Task Force Reviewer (MSK); American College of Preventive Medicine (ACPM); American College of Environmental Medicine (ACOEM) Blue Ribbon Task Force on Concussion Statement; Executive Committee and Assistant Editor, American Medical Society of Sports Medicine (AMSSM) In-Training Exam

(Continued on next page)
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Rhonda Loyd
Vascular Surgery

Stacie Skelton
Radiology

2018: Rhonda Loyd (Vascular Surgery) and Stacie Skelton (Radiology) were named the 2018 Outstanding Coordinators. Their combined experience totals over 35 years at SIUM.

Congrats!

Program Coordinator Development Topics
- Annual Program Evaluation
- EHR Onboarding
- ERAS Tips
- J-1 Visas & Employment Authorization
- Medicare / Medicaid enrollment
- Milestones, Case Logs, and CCC Meetings
- National Resident Matching Program
- New Innovations
- New Resident Orientation - GME
- Quality Improvement & Patient Safety Activities
- Record Keeping / Resident Files
- Recruitment
- Resident Orientation, Exiting, Conference Schedules
- Scholarly Activity
- WebADS Annual Update

GME Professional Development
- Employment Contracts and Financial Planning
- Introduction to Professionalism
- Medical Legal Partnerships
- Patient Safety & Communication
- Professional Boundaries & Social Media
- Residents as Teachers
- Root Cause Analysis
- Sleep Deprivation & Fatigue Education
- Supervision of Residents
- Understanding Wellness, Stress, and Impairment in Physicians

New Resident/Fellow Live Sessions & Online Modules
- ACME: Clinical & Educational Hours, Competencies, Fatigue & Alertness, Milestones, Resident Wellness
- Basic Teaching Skills: Setting Expectations, Feedback & Clinical Teaching
- Electronic Health Record Training & Standards
- HIPAA
- Infection Control
- Introduction to Health Care Disparities & Cultural Competency
- OSHA
- Patient Safety Principles: Medical Error Reporting & Sources, Communication, Transitions of Care, Hand Washing, Local Patient Safety Initiatives
- Physician Burnout, Depression & Substance Misuse: Prevention, Recognition & Assistance
- Principles of Risk Management
- Professionalism: Patient Confidentiality, Physician-Patient Boundaries, E-Professionalism, Inclusion & Respect
- Supervision
between maternal methadone dose and neonatal pharmacological treatment for NAS and hospital length of stay.

**CONCLUSIONS:** In this infant cohort, the intensity of NAS treatment was linked to maternal methadone dose. A standardized process for NAS management resulted in a sustained reduction in both neonatal methadone therapy and hospital length of stay even though the average maternal methadone dose remained high. Formation of a task force helped in effective communication between medical and the nursing staff ensuring better care for these infants. Future research is needed to track neurodevelopmental outcomes of the infants affected by NAS as life-long impacts of early drug exposure is unknown.

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### Resident / Fellow Publications

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*No report for Adult Recon, Child Psych, Colon & Rectal Surgery, Hand Surgery, Infectious Diseases, Sports Medicine (2)*

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### Publications

- **Dermatology**

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**Emergency Medicine**


---

**Endocrinology**


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**Family & Community Medicine**

- Nazing K, Wright A. How do you identify patients with nonalcoholic fatty liver disease who have progressed to nonalcoholic steatohepatitis? Evidence-Based Practice Vol 21 No 2 February 2018.

---

**Hand Surgery**


---

**Liver & Biliary**

- Smaga S, Sal F. When is a CT scan necessary in children and adolescents with abdominal pain? Evidence-Based Practice Vol 21 No 1 January 2018.

---

**Obstetrics & Gynecology**

- Yochum A, Sonbol K. Before urinalysis and culture, in which patients would starting empiric antibiotics be appropriate? Evidence-Based Practice Vol 21 No 1 January 2018.

---

**Surgery**

- Jereid A, Alkadi S, King ST, Sowards CR. Does the type of foods offered in school cafeterias reduce the incidence of obesity in high school students? Evidence-Based Practice. April 2018;21(4):e15-e16.

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**Urology**


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**Plastic Surgery**

- Koon, S. Sood. D. Is zinc supplementation an effective natural alternative to the treatment of ADHD? Evidence-Based Practice. 2017; Published May 2018, Article Number: EMB164285.
Physician well-being was added as an additional focus area in 2017. GMEC efforts to maximize our learning climate also improved well-being. In addition, we increased the availability and accessibility of mental health treatment resources for residents in affiliation.

**Resident / Fellow Publications**

- **ACGME CLER program was developed to increase the integration of GME into patient safety and quality endeavors at clinical teaching sites. The CLER focus areas are:**
  - patient safety
  - health care quality, including health care disparities
  - transitions of care
  - supervision
  - clinical and educational work hours/fatigue management and mitigation
  - professionalism
  - physician well-being

- The study objective was to quantify the potential decreases in cost and antibiotic use from reducing inappropriate antibiotic screening and treatment for urinary tract infections (UTI).

- **CONCLUSIONS:** There is substantial opportunity for decreasing costs and inappropriate antibiotic use by addressing automatically reflexing urinalysis results to culture. Process improvements implemented include increasing reflex culture thresholds, updating pre-checked order sets, and staff education on when it is appropriate to screen for and treat a UTI in order to reduce the high cost of quality waste from inappropriate urine culture testing in the ED.

- The study objective was to investigate the impact of a QI process in NAS management in 2017. GMEC efforts to maximize our learning climate also improved well-being. In addition, we increased the availability and accessibility of mental health treatment resources for residents in affiliation.

- The study objective was to investigate the impact of a QI process in NAS management in a regional perinatal center and evaluate the relationship.


Stievan E, Arredondo A, Batada E, Pedraza S, Matalon A, Khanal A. "Adenoid Cystic Carcinoma of"...
Mass psychogenic illness after mega earthquake in Nepal. Nepal H, Black E, Hudaif T, Bhattachar J.
Rizatriptan-induced mania-like symptom in a 8 year old girl. Nepal H, Takahashi A, Bhattachar J.

Endocrinology

The Endocrine Society's 100th Annual Meeting and Expo, March 2018, Chicago, IL
An Unusual Case of Mosaic Klinefelter Syndrome Diagnosed Due to a Question of Paternity. Elayan A, Jakoby M.
Hyophosphatis Complicating Iliopsoas Syndrome of Metastatic Melanoma. Chorin M, Bandaru S, Jakoby M.
American College of Physicians Internal Medicine Conference, April 2018, New Orleans, LA
Primary Hyperparathyroidism with Low Parathyroid Hormone Level Diagnosed by the Therapeutic Response to the Calcimimetic Agent Cinacalcet. Bandaru S, Jakoby M.
American Association of Clinical Endocrinologists 27th Annual Scientific and Clinical Congress, May 2018, Boston, MA
Hyperhypothyroidism due to Partial Molar Pregnancy. Fatima N, Jabri H, Jakoby M.
Insulin-induced Liposyrup: a Rare Complication of Human Insulins. Parveen S, Jabri H, Jakoby M.
Intravascular Large Cell Lymphoma Diagnosed from Bilateral Adrenal Involvement. Fatima N, Jabri H, Jakoby M.
Transmural Hepatic Embolization Causing Hyperglycemia in a Case of Malignant Insulinoma. Parveen S, Jabri H, Jakoby M.

FELLOWSHIPS

Adult Recon
No requirement
Carbodale Sports Medicine
75% of graduates who take last year 75% eligible graduates must take
Child Psychiatry
50% graduates last year 70% from last 5 years must take
Colorectal Surgery
70% of graduates who take last year 70% from last 10 years must take
Endocrinology
80% of graduates who take last year 80% eligible graduates should take
Hand Surgery
No requirement
Infectious Diseases
80% of graduates who take last year 80% eligible graduates should take
Pulmonary Medicine
80% of graduates who take last year 80% eligible graduates should take
Quincy Sports Medicine
75% of graduates who take last year 75% eligible graduates must take
Resident Satisfaction with Training

<table>
<thead>
<tr>
<th>Resident Satisfaction with Training</th>
<th>ACGME Resident Survey</th>
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<tbody>
<tr>
<td>SIU End of Year Evaluation</td>
<td>Overall evaluation of program</td>
</tr>
<tr>
<td>Your overall satisfaction with the educational environment of your program</td>
<td>Neutral/Very Negative</td>
</tr>
<tr>
<td>I would recommend my training program to a friend</td>
<td>Positive/Very Positive</td>
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**Number of Responses**

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<tr>
<th>Poor/Fair</th>
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<th>Strongly Agree/Disagree</th>
<th>Agree/Strongly Agree</th>
<th>Percentage of responses</th>
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<tr>
<td>28</td>
<td>162</td>
<td>19</td>
<td>166</td>
<td>4%</td>
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</tbody>
</table>

*No report for Adult Recon, Child Psych, Colorectal Surgery, Hand Surgery, Infectious Diseases, Sports Medicine (2)

Resident / Fellow Presentations

**Internal Medicine (also see Med/Psych and Neurology)**

- **American Heart Association Meeting, November 2017, Anaheim, CA**
  - False Activation of the Emergency Department for Traiged Patients with Processed STEMI is Associated with Worse Long Mortality. Al-Akchar M (third author) et al.

**Neurology**

- **American Academy of Neurology (AAN) Annual Meeting, April 2018, Los Angeles, CA**

- **Case report**: Artery of Pericoronary infection detected by CT perfusion imaging, prompting thrombolytic treatment with excellent outcome. Ume K, Hileman M, Thakkar V, Mued S.

**Ob/GYN**

- **American Congress of OB/GYN**


**Orthopaedics**

- **American Orthopaedic Association Annual Meeting, May 2018, New York, NY**
  - Bugs from the Brain: A Different Approach to Treating Delusional Parasitosis. Panday A, Shroff S, Black E.


- **Conversion Disorder … Think Again! Poster. Abbott N, Botch T, Black E.**

- **Severe Persistent Anxiety and Labile Mood; Remember Cannabis Withdrawal Syndrome! Poster. Bryant M, Abbott N, Allum V.**

**Plastic Surgery**

- **American Neurological Association (ANA) Annual Meeting, October 2017, San Diego, CA**
  - Eight and a-half syndrome in a post renal transplant patient. Abbott N, Abdelbaky T.

**Psychiatry**

Midwest Orthopaedic Association, April 2018, San Antonio, TX
Assessing the Weight Bearing Surface of Distal Acetabulum: The Sarcoid Index. Horberg JV, Graham RD, Mikelson T, Allan DG.

Canadian Orthopaedic Association, June 2018, Victoria, Ontario
Assessing the Weight Bearing Surface of Distal Acetabulum: The Sarcoid Index, Podium and Poster Presentations. Horberg JV, Graham RD, Mikelson T, Allan DG.

Otolaryngology
American Academy of Otolaryngic Allergy Annual Meeting, September 2017, Chicago, IL
Laryngeal cancer trends and the Affordable Care Act. Oral presentation. Lawrence E.

Academic Programs & Accreditation
ACADEMIC PROGRAM OVERVIEW

*Osteopathic Recognition is a designation conferred by the ACGME’s Osteopathic Principles committee upon ACGME-accredited programs that demonstrate commitment to teaching and assessing Osteopathic Principles and Practice (OPP) at the graduate medical education level. All three of our dually accredited Family Medicine programs are now recognized.

First Self-Study Due Date

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Accreditation Status</th>
<th>First Self-Study Due Date</th>
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<tbody>
<tr>
<td>Dermatology</td>
<td>Full</td>
<td>6/2023</td>
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<tr>
<td>Emergency Medicine</td>
<td>Full</td>
<td>9/2022</td>
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<tr>
<td>FCM - Cardiology</td>
<td>Full</td>
<td>10/2018</td>
</tr>
<tr>
<td>FCM - QuinCY</td>
<td>Full</td>
<td>8/2019</td>
</tr>
<tr>
<td>FCM - Springfield</td>
<td>Full</td>
<td>10/2018</td>
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<tr>
<td>Internal Medicine</td>
<td>Full</td>
<td>10/2020</td>
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<tr>
<td>Med/Psy</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Neurology</td>
<td>Full with Outcomes</td>
<td>1/2025</td>
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<td>OB/GYN</td>
<td>Full</td>
<td>11/2019</td>
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<tr>
<td>Orthopaedics</td>
<td>Full</td>
<td>6/2020</td>
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<td>Otolaryngology</td>
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<td>1/2022</td>
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<tr>
<td>Pediatrics</td>
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<td>2/2023</td>
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<td>Plastic Surgery</td>
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<tr>
<td>Surgery</td>
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<td>2/2024</td>
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<td>Urology</td>
<td>Full</td>
<td>6/2020</td>
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<tr>
<td>Vascular Surgery - Integrated</td>
<td>Full</td>
<td>2/2024</td>
</tr>
<tr>
<td>Adult Reconstructive Surgery</td>
<td>Full</td>
<td>1/2022</td>
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<tr>
<td>Carbondale Sports Medicine</td>
<td>Full</td>
<td>6/2018</td>
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<tr>
<td>Child Psychiatry</td>
<td>Full</td>
<td>4/2023</td>
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<td>Colon &amp; Rectal Surgery</td>
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<td>Endocrinology</td>
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<td>Hand Surgery</td>
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<tr>
<td>Infectious Diseases</td>
<td>Full</td>
<td>10/2020</td>
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<td>Pulmonary Medicine</td>
<td>Full</td>
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</tr>
<tr>
<td>Quincy Sports Medicine</td>
<td>Full</td>
<td>8/2019</td>
</tr>
<tr>
<td>Other</td>
<td>Institution Full</td>
<td>10/2026</td>
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</tbody>
</table>

Which Domains of the ODI Best Predict Change in Physical Function after Surgery for Degenerative Lumbar spondylolisthesis? Murphy HOA

Resident / Fellow Presentations
Midwestern Association of Plastic Surgeons Annual Scientific Meeting, April 2018, Chicago, IL
3D Anthropometric Analysis in the Classification of Unilateral Cleft lip Severity. Castaldo A, Snider C, Calder K.


Skin Improvement in Radiation Wounds: The Impact of Adipose Derived Stem Cells. Daugherty THF, Harrison C, Hughes L, Reichensperger J, Neumeister MW.

Plastic Surgery Research Council National Meeting, May 2018, Birmingham, AL

Canadian Society of Plastic Surgeons Annual Meeting, June 2018, Alberta, Canada
3D anthropometric analysis in the classification of unilateral cleft lip severity. Castaldo A, Snider C, Calder K.

Psychiatry (also see Medicine/Psychiatry)
American Neuropsychiatric Association Annual Meeting, March 2018, Boston, MA
A Case of a Schizophrenic Patient with Brugada Syndrome. Cudjoe N, Bennett JI, Sharma S.

Posterior Variant of the Alien Hand Syndrome: A Case Report. Chakrabarty A, Bennett JI.

American Psychiatric Association Annual Meeting, May 2018, New York, NY
A Case of Periorbital Erythematous Plaques Possibly Induced by Electroconvulsive Therapy. Sharma S, Cudjoe N.

Diagnosing and Treating Bipolar Disorder in Geriatric Population. Thirial T, Alluri V.

Speech and Motor Mimicry: A Case Report of Escaphocephalometriorrhaphy. Datsy-Chakrabarty A, Chakrabarty A, Bennett JI.

Treatment of Agitated Catatonia with Electroconvulsive Treatment. Jia S, Owusuame O.

Treatment of Lewy Body Dementia Related Psychosis and Agitation with Electroconvulsive Treatment. Jia S, Owusuame O.

Sports Medicine - Carbondale
AMSSM 276h Annual Meeting, April 2018, Orlando, FL
Treat the Patient, Not the Number. Fossie, Murphy T, Humphrey J.

Sports Medicine - Quincy
AMSSM 276h Annual Meeting, April 2018, Orlando, FL
A football team’s woes with a rash. Choudhury D, Arquelles CS, Carmichael R, Daniels JM.

Radiology (also see Orthopaedics)

Society of Neuro-Oncology Annual Meeting, November 2017, San Francisco, CA
Effects of High Dose 5-ALA in the Resection of Glioblastoma. Ryan D.
GOAL 3

Improve the level of faculty and resident scholarly activity

A GME subcommittee on scholarly activity was established. Each program received a review and feedback on their scholarly activity. A Scholarly Activity Readiness Metric and Resource list was distributed to programs. GMEC worked with SIU SOM library staff to develop an e-learning module on Open Access journals. In 2018, the number of programs with RRC citations was reduced from 8 to 3. Those programs with citations are well on their way to meeting scholarly expectations. No programs have current citations for resident scholarly activity.

SOM library staff to develop an e-learning module on Open Access journals. In 2018, the number of programs with RRC citations was reduced from 8 to 3. Those programs with citations are well on their way to meeting scholarly expectations. No programs have current citations for resident scholarly activity.

Learning Climate Comparison

<table>
<thead>
<tr>
<th>Faculty and Staff Interested in Education</th>
<th>Process to deal with problems and concerns</th>
<th>Residents can raise concerns without fear</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIU End of Year Evaluation (completed May-June)</td>
<td>ACGME Resident Survey (completed Jan-March)</td>
<td>ACGME Resident Survey (completed Jan-March)</td>
</tr>
<tr>
<td>% in Program</td>
<td>% in staff</td>
<td>National Average</td>
</tr>
<tr>
<td>% in Program</td>
<td>Percent</td>
<td>Percent</td>
</tr>
<tr>
<td>Ability to express concerns with fear</td>
<td>85%</td>
<td>85%</td>
</tr>
<tr>
<td>Dermatology</td>
<td>50</td>
<td>50</td>
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<tr>
<td>Emergency Medicine</td>
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<td>Endocrinology</td>
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<td>FCM - Cardiology</td>
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<td>FCM - Quincy</td>
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<td>Internal Medicine</td>
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<td>Med/Psych</td>
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<td>Neurology</td>
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<td>OB/GYN</td>
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<td>Orthopaedics</td>
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<td>Otolaryngology</td>
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<td>Pediatrics</td>
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<td>Plastic Surgery</td>
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<td>Psychiatry</td>
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<td>All Programs/Institution</td>
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ACGME KEY

Falls below national average of % compliant responses

No report for Adult Rehab, Child Psych, Colon & Rectal Surgery, Hand Surgery, Infectious Diseases, Sports Medicine (2)
GOAL 1
Promote an Outstanding Learning and Work Climate (carry over from 2016-2017)

This has been a priority institutional GME goal since 2014. Initial steps focused on providing education on the dimensions of learning climate and effective feedback, and increasing access to wellness resources. As we have recognized an inverse relationship between faculty and resident workloads and learner satisfaction, more recent efforts have centered on outreach with SIU Medicine leaders regarding programs with critical faculty levels and taking steps to ensure all programs have adequate resident complement. Residents are surveyed twice a year on various aspects of their training via the GME Resident Survey and the SIU GMEC End of Year Evaluation. Input from these instruments on a variety of training parameters, including learning climate, are included in this report. In a separate survey of Springfield residents conducted in December 2017, 86% rated the learning climate in their program as good or excellent, as compared to 76% in December 2016.

GOAL 2A/2B
Establish a process and practice for each clinical site to provide summary information of their institution’s patient safety reports to residents, faculty and their clinical staff.

The reporting of errors and near misses is a cornerstone of ACCME patient safety initiatives. In 2017, it became a requirement that residents, fellows, faculty members, and other clinical staff members must be provided with summary information of their institution’s patient safety reports, and that GMEC must oversee these efforts. We have started with our Springfield hospitals, with a quarterly review of numbers, origins and trends in the distribution of patient safety reports. In addition, quality and patient safety leaders from individual hospitals have begun to meet with programs for feedback regarding specialty level patient safety reports and subsequent actions.

Continued on next page
Graduate Medical Education Committee

The GMEC is accountable for advising and monitoring all aspects of residency education in a manner to meet the needs of the residency programs and hospitals as well as fully comply with the regulations and directions of the Accreditation Council for Graduate Medical Education (ACGME) and the Residency Review Committees. A list of GMEC members for the 2017-2018 academic year is included below.

Chair
Karen Broquet, MD

Faculty
Sandra Ettema, MD
Harald Lausen, DO, AOA Director
David Jeong, MD
Paula Mackrides, DO, AOA Director
Laura Shea, MD

Hospital Administrators
Rajesh Govindiaab, MD, CMO Memorial
Shanna Hull, HSHS St. John’s
Gurpreet Mander, MD, CMO HSHS St. John’s

Program Coordinator
Ruth Stark

Program Directors
Devin Amin, MD
John Becker, MD
Sacharita Bowers, MD
Careyana Brenham, MD
Dana Crosby, MD
Douglas Hood, MD
Jessie Junker, MD
Roger Kim, MD
Janak Koirala, MD (Fellowship)
Ranjiv Matthews, MD
Thomas Miller, MD
Najib Murr, MD

Legal Counsel
Erica Nelson, MD
Ryan Pate, MD
Janet Patterson, MD
Quincy Scott, DO
Santosh Shrestha, MD
Nicole Sommer, MD
Vidya Sundaresan, MD (Fellowship)
Andrew Varney, MD
James Waymack, MD

Residents
Tyler Fulks, MD
Breck Jones, MD
Daniel Ryan, MD
Jacob Scheer, MD
Nader Tehrani, MD
Waiz Wasey, MD

Associate Dean for Graduate Medical Education
Karen Broquet, MD, MPH
Chair GMEC

Lorena J. Malhotra M, Pattenson J. JIBB # 17-117. Improving Continuity Clinic Follow-up for Routine Well Child Checks for ages 0-24 months by Emphasizing Structured Family. Awareness and Resident Education
Lorena J. Patel N. IIB # 18-212. Retrospective Review of Pediatric Patients Diagnosed with Postural Tachycardia Syndrome who Received Propranolol vs Conservative Management
Malhotra M. Brandt G. IIB # 16-469. To Assess Self-Awareness of Sickle Cell Status Among African American and Mixed Race Adolescents
Malik M. Ratton B. JIB 4-438. Neonatal Abstinence Syndrome: Comparative Outcomes Observed in Neonates with Pronunciation and Illicit Drug Dependence after Birth
Radel L. Ghavi H. IIB # 17-094. Prevalence of Intracranial Echogenic Foci in Fetuses Exposed to THC
Radel L. Guner M. IIB # 17-108. Initiative to Improve Method of Rapid Detection of Group A Strep in the SIU General Pediatrics Clinic Through Education
Radel L. Button B. IIB # 18-622. The Impact of Critical Congenital Heart Disease Screening in Springfield, IL
Schweizer J. Salih E. IIB # 17-134. Implementation of Pediatric Intravenous to Oral/Enteral
Veille M. Patel N. IIB # 16-469. Modeling SDS Prevention Safety Measures on the Pediatric Inpatient Unit

Plastic Surgery
Daougherty T. Skin Improvement in Radiation Wounds: The Impact of Adipose Derived Stem Cells. AAPS/ PSF Combined Pilot Grant
Neumeister MW, Ruebbhausen M. A Bioengineered Scaffold to Heal Full Thickness Wounds. Memorial Medical Center Foundation
Neumeister MW, Schmucker R. LGFB Epithelial Stem Cell Augment Fracture Healing. Memorial Medical Center Foundation
Schmucker R. Investigations of Fat Grafting as a Treatment Modality for Skin Fibrosis in Scleroderma. American Association for Hand Surgery
Schmucker R. LGFB Epithelial Stem Cell Augmentation of Fracture Healing. Plastic Surgery

Psychiatry
Bennett, PL, Shrestha Co-P, Ahlert Co-P, Chakraborty, Co-PL, Jansen Pharmacological study on “A Study of Intranasal Esketamine Plus an Oral Antidepressant for Relapse Prevention in Adult Participants With Treatment-resistant Depression”

Surgery
Buckley, Ganai, Mellinger, Kim, Rosel, Zahir, Rural-Urban Differences in Time to Radiation among Breast Conserving Surgery Patients
Buckley, Zahir, Rosel, Ganai, Impact of Rural-Urban Status on Survival After Mastectomy without Reconstruction versus Mastectomy with Reconstruction (IRB#19-239)
Ganai, Mellinger, Baie, Buckley. Impact of Time to Surgery on Rural-Urban Disparity in Lung Cancer
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