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 residents, 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 2016-2017 academic year is included below.

Chair
Karen Broquet, MD

Faculty
Sandra Ettema, MD
Harald Lausen, DO, AOA Director
Kristen Leadbetter, MD
Paula Mackrides, DO, AOA Director
Laura Shea, MD

Hospital Administrators
Sara Cameron, HSHS St. John’s
Rajesh Govindiah, MD, CMO
Gurpreet Mander, MD, CMO HSHS St. John’s

Medical Education Counsel
John Melling, MD
Thomas Miller, MD
Michelle Miner, MD

Program Coordinator
Nicole Workman
Erica Nelson, MD
Quincy Scott, DO
Santosh Shrestha, MD
Nicole Sommer, MD
Andrew Varney, MD

Program Directors
Devin Amin, MD
Carol Bauer, MD
John Becker, MD

Residents
Careyana Brenham, MD
Lucinda Buescher, MD
Keith Gabriel, MD
Douglas Hood, MD
Jessie Junker, MD
Janak Koirala, MD (Fellowship)
Ranjiv Matthews, MD
Christopher McDowell, MD
Dorcas Adaramola, MD
Richard Austin, MD
Sidharth Chandra, MD
Daniel Ryan, MD
Jacob Scheer, MD
Ryan Schmucker, MD
Waiz Wasey, MD

Karen Broquet, MD, MHPE
Associate Dean for Graduate Medical Education
LEARNING CLIMATE COMPARISON

<table>
<thead>
<tr>
<th>ACGME Resident Survey (completed Jan-Mar)</th>
<th>SIU End of Year Survey (completed May-Jun)</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Mean</td>
<td></td>
</tr>
<tr>
<td>Dermatology</td>
<td></td>
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<tr>
<td>Emergency Medicine</td>
<td></td>
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<tr>
<td>Endocrinology</td>
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</tr>
<tr>
<td>FCM-Springfield</td>
<td></td>
</tr>
<tr>
<td>Infectious Disease</td>
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<tr>
<td>Internal Medicine</td>
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<td>Med/Psych</td>
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<tr>
<td>Neurology</td>
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<td>OB/GYN</td>
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<tr>
<td>Orthopaedics</td>
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<td>Otolaryngiology</td>
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<td>Pediatrics</td>
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<td>Plastic Surgery</td>
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<tr>
<td>Psychiatry</td>
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<tr>
<td>Pulmonary</td>
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<tr>
<td>Radiology</td>
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<tr>
<td>Surgery</td>
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<tr>
<td>Urology</td>
<td></td>
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<tr>
<td>Vascular - Integrated</td>
<td></td>
</tr>
<tr>
<td>AFFILIATE RESIDENCY PROGRAMS</td>
<td></td>
</tr>
<tr>
<td>FCM - Carbondale</td>
<td></td>
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<tr>
<td>FCM - Decatur</td>
<td></td>
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<tr>
<td>FCM - Quincy</td>
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<tr>
<td>Institution - Springfield</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>SCALE: 1=Very Noncompliant 5=Very Compliant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty &amp; staff interested in residency education</td>
</tr>
<tr>
<td>% Poor/ Excel-lent</td>
</tr>
<tr>
<td>% of Class</td>
</tr>
<tr>
<td>Dermatology</td>
</tr>
<tr>
<td>Emergency Medicine</td>
</tr>
<tr>
<td>Endocrinology</td>
</tr>
<tr>
<td>FCM-Springfield</td>
</tr>
<tr>
<td>Infectious Disease</td>
</tr>
<tr>
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<tr>
<td>Neurology</td>
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<td>OB/GYN</td>
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<td>Orthopaedics</td>
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<tr>
<td>Otolaryngology</td>
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<tr>
<td>Pediatrics</td>
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<tr>
<td>Plastic Surgery</td>
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<tr>
<td>Psychiatry</td>
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<tr>
<td>Pulmonary</td>
</tr>
<tr>
<td>Radiology</td>
</tr>
<tr>
<td>Surgery</td>
</tr>
<tr>
<td>Urology</td>
</tr>
<tr>
<td>Vascular - Integrated</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>POSITIVE LEARNING WORK ENVIRONMENT</th>
<th>Cultural Factors</th>
<th>Individual Behaviors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fair and reasonable standards</td>
<td>Set clear and consistent expectations</td>
<td>Make introductions, set goals, address learners by name</td>
</tr>
<tr>
<td>Perceived accuracy of performance feedback and assessment</td>
<td>Be aware of and minimize implicit bias</td>
<td>Be calm, kind, and patient</td>
</tr>
<tr>
<td>Freedom to speak up</td>
<td><em>It’s OK to not know something</em> - state explicitly and role-model</td>
<td>Be calm, kind, and patient</td>
</tr>
<tr>
<td>Commitment to a common purpose</td>
<td>Be calm, kind, and patient</td>
<td>Be calm, kind, and patient</td>
</tr>
<tr>
<td>Clarity about mission and values</td>
<td><em>It’s OK to not know something</em> - state explicitly and role-model</td>
<td>Be calm, kind, and patient</td>
</tr>
</tbody>
</table>

SIU School of Medicine 2016-2017 GME Annual Report

Resident/Fellow Research

Academic Programs & Accreditation

ACADEMIC PROGRAM OVERVIEW

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Accreditation Status</th>
<th>First-Step Visit</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Springfield</td>
<td>Affiliates</td>
</tr>
<tr>
<td># Residents &amp; Fellows</td>
<td>227</td>
<td>52</td>
</tr>
<tr>
<td># Accredited Residency Programs</td>
<td>17</td>
<td>3</td>
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<tr>
<td># Accredited Fellowship Programs</td>
<td>17</td>
<td>2</td>
</tr>
<tr>
<td># Non-Accredited Fellowships</td>
<td>2</td>
<td>N/A</td>
</tr>
<tr>
<td># Programs ACGME/AOA Accreditation*</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

*Osteopathic Recognition is a designation conferred by the ACGME’s Osteopathic Principles committee upon ACGME-accredited programs that demonstrate the 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.
### Resident Recruitment and Orientation

#### Immune characterization of the programmed death receptor pathway in high risk prostate cancer.

**Baas**, Gershburg, Dynda, Delano, flatable

Impact of Urologist Density and County Rurality on the practice of prostate cancer surgery.

**Robinson, Nie, Yearley, Alanee**

**Gupta**, Butcher, Gershburg, Dynda, Delano, flatable

Lessons learned from a contemporary series on penile implant complications. **Ring, Kohler**

#### New Resident / Fellow Orientation Overview

- ACGME: 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

### Minimum passing scores for USMLE Exams:

<table>
<thead>
<tr>
<th>Minimum passing scores for USMLE Exams:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step I 192 <strong>NRMP Results and Data, 2017 Residency Match</strong></td>
</tr>
<tr>
<td>Step II 209 <strong>Prepares Preliminary Medicine resident scores</strong></td>
</tr>
<tr>
<td>Step III 196 <strong>Does not include SOAP candidates</strong></td>
</tr>
</tbody>
</table>

### Resident Impact on Single Surgeon Outcomes of Robotic Assisted Laparoscopic Prostatectomy

- The utilization of partial orchiectomy in treating small testicular tumors in the United States.

### Convective Water Vapor Energy Ablation Effectively Treats Lower Urinary Tract Symptoms Due to Benign Prostatic Enlargement While Preserving Erectile and Ejaculatory Function: Results of a Multicenter, Randomized, Controlled Trial.

- Immune characterization of the programmed death receptor pathway in high risk prostate cancer: **Baas**, Gershburg, Dynda, Delano, flatable
- Impact of Urologist Density and County Rurality on the practice of prostate cancer surgery: **Robinson, Nie, Yearley, Alanee**
- Lessons learned from a contemporary series on penile implant complications: **Ring, Kohler**

### Intermediate Outcomes of Concurrent Tachosil Grafting with inflatable penile prostheses placement.

- **Poster. Patel, McVary, Gupta, Butcher, Kohler**
- Ruzan effectively treats lower urinary tract symptoms due to benign prostatic enlargement regardless of obesity while preserving erectile and ejaculatory function. **Best Abstract. Gupta, Kohler, McVary**

### Male Hormone Binding Globulin Independently Predicts Oligospermia in Male Fertility Patients.

- **Poster. Ring, Welliver, Parenteau, Markwell, Gupta, Bruggman, Kohler**

### Vascular Surgery: Society for Vascular Surgery, June 2017, San Diego, California

- Effect of Total Knee Arthroplasty on Calci Muscle Power Function. **Mitchelson A, Whittaker T, Hood DB, Hodges KD, Nolte RN**

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SIU School of Medicine 2016-2017 GME Annual Report
Resident/Fellow Presentations

Radiology

American College of Gastroenterology Annual Meeting, October 2016, Las Vegas, NV
Endoscopic Remission After Inferiorvaginal Treatment in a Patient with Ileal-valvulal-induced Colitis. Ryan D

Congress of World Society for Reconstrcutive Microsurgery Annual Meeting, May 2017, Seoul, Korea
Chimeric Multiple Perforator Fibula Flap: Expanding Single Flap Reconstruction and Optimizing Donor Site Morbidity. Bemeire GC, Snider CC.

Resident Satisfaction with Training

Resident Satisfaction with Training

Radiology

Congress of World Society for Reconstructive Microsurgery Annual Meeting, May 2017, Seoul, Korea
Chimeric Multiple Perforator Fibula Flap: Expanding Single Flap Reconstruction and Optimizing Donor Site Morbidity. Bemeire GC, Snider CC.

Resident Satisfaction with Training

Resident Satisfaction with Training

Psychiatry (also see Medicine/Psychiatry)

28th Annual Meeting of the American Neuropsychiatric Association, March 2017, Dallas, TX
Benadroxiline withdrawal induced myoclonus: Syndrome or prodrome? Chakrabarty A, Bennett J.

HAV encephalitis with anti-NMDA receptor antibodies presenting as Klver Buzy Syndrome. Balseh T, Chakrabarty A, Buzdar I.

Annual Meeting of the American Psychiatric Association, May 2017, San Diego, CA
A rare case of managing agitation, anxiety, and depression in a patient with alternating hemiplegia of childhood. Shah RP, Campbell P.

Cannabis-induced visual hallucinations a case report. Chakrabarty A, Alluri V, Baloh T.

Impact of a psychosocial program on the clinical outcomes of severe and chronic mental illness. Dhat S, Kalyu R, Chakrabarty A, Bennett J, Lee K, Seltos S, Orsorum O M.

Top treatment challenges in persons with IDD and psychiatric and/or behavioral disorders. Bennett J, Balseh T, Adamaroma D, Fary RP.

Pulmonary


Evidence of Pneumoperitoneum in Critical Care Ultrasound. Poster. Abdin H, Patel F.


Sports Medicine-Carbondale

AMSMM 26th Annual Meeting, May 2017, San Diego, CA
A Rare Cause of Knee Instability in a High School Football Player. Poster. Kohlenberg A.

Sports Medicine-Quincy

AMSMM 26th Annual Meeting, May 2017, San Diego, CA
Running Back with an Acly Thigh. Poster. Arguelles CS, Daniello JM, Miller-Sparks EM

Program Recommendation: 3-Year Comparison
Board Exam Performance

<table>
<thead>
<tr>
<th>Program</th>
<th>RRC Requirement First Time Pass Rate &amp; Time Frame</th>
<th>RRC Requirement for Percent of Graduates Must Take Exam</th>
<th>2016-2017 Board Pass Rate</th>
<th>Part I</th>
<th>Part II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermatology</td>
<td>90% of graduates who take last 4 years</td>
<td>90% from last 4 years must take</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Medicine</td>
<td>80% of graduates who take last 5 years</td>
<td>No requirement</td>
<td>96%</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>FCCM - Springfield</td>
<td>90% of graduates who take last 5 years</td>
<td>85% eligible graduates from last 5 years</td>
<td>92%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>80% of graduates who take last 5 years</td>
<td>No requirement</td>
<td>92%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MedPsych</td>
<td>80% of graduates who take last 5 years</td>
<td>No requirement</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neurological Surgery</td>
<td>80% of graduates who take last 5 years (written)</td>
<td>No requirement</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Neuroradiology</td>
<td>75% graduates who take last 5 years</td>
<td>80% eligible graduates from last 5 years should take</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OB/GYN</td>
<td>80% of graduates who take last 5 years</td>
<td>85% from last 5 years</td>
<td>94%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orthopedic Surgery</td>
<td>80% eligible graduates last 5 years (Part I)</td>
<td>No requirement</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orthopedic Surgery</td>
<td>75% eligible graduates last 5 years (Part II)</td>
<td>No requirement</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Otolaryngology</td>
<td>80% eligible graduates last 5 years (qualifying)</td>
<td>No requirement</td>
<td>75%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pediatrics</td>
<td>70% of graduates who take last 5 years</td>
<td>No requirement</td>
<td>72%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plastic Surgery</td>
<td>70% of graduates who take (qualifying)</td>
<td>65% of graduates who take (qualifying)</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychiatry</td>
<td>70% graduates who take last 5 years</td>
<td>70% from last 5 years</td>
<td>95%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radiology</td>
<td>50% graduates last 5 years</td>
<td>No requirement</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surgery</td>
<td>80% of residents or graduates who take last 5 years (qualifying)</td>
<td>65% residents or graduates who take (qualifying)</td>
<td>75%</td>
<td>56%</td>
<td></td>
</tr>
<tr>
<td>Urology</td>
<td>80% of graduates who take last 5 years</td>
<td>No requirement</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vascular Surgery</td>
<td>80% of graduates who take last 5 years</td>
<td>No requirement</td>
<td>100%</td>
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</tr>
</tbody>
</table>

**FELLOWSHIPS**

<table>
<thead>
<tr>
<th>Program</th>
<th>RRC Requirement First Time Pass Rate &amp; Time Frame</th>
<th>RRC Requirement for Percent of Graduates Must Take Exam</th>
<th>2016-2017 Board Pass Rate</th>
<th>Part I</th>
<th>Part II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult Recon</td>
<td>No requirement</td>
<td>No requirement</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child Psychiatry</td>
<td>75% of graduates who take last 5 years</td>
<td>75% eligible graduates must take</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colon Surgery</td>
<td>70% of graduates who take last 5 years</td>
<td>70% from last 5 years</td>
<td>100%</td>
<td>45%</td>
<td></td>
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<tr>
<td>Endocrinology</td>
<td>80% of graduates who take last 5 years</td>
<td>80% eligible graduates should take</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hand Surgery</td>
<td>No requirement</td>
<td>No requirement</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Infectious Diseases</td>
<td>80% of graduates who take last 5 years</td>
<td>80% eligible graduates should take</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pulmonary Medicine</td>
<td>80% of graduates who take last 5 years</td>
<td>80% eligible graduates should take</td>
<td>93%</td>
<td></td>
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<tr>
<td>Quincy Sports Medicine</td>
<td>75% of graduates who take last 5 years</td>
<td>75% eligible graduates should take</td>
<td>100%</td>
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</tbody>
</table>

**AFFILIATE RESIDENCY PROGRAMS**

<table>
<thead>
<tr>
<th>Program</th>
<th>RRC Requirement First Time Pass Rate &amp; Time Frame</th>
<th>RRC Requirement for Percent of Graduates Must Take Exam</th>
<th>2016-2017 Board Pass Rate</th>
<th>Part I</th>
<th>Part II</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCCM - Carmelide</td>
<td>90% of graduates who take last 5 years</td>
<td>85% eligible graduates from last 5 years</td>
<td>92%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCCM - Decatur</td>
<td>90% of graduates who take last 5 years</td>
<td>85% eligible graduates from last 5 years</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCCM - Quincy</td>
<td>90% of graduates who take last 5 years</td>
<td>85% eligible graduates from last 5 years</td>
<td>88%</td>
<td></td>
<td></td>
</tr>
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</table>

**Scale**

<table>
<thead>
<tr>
<th>Board Pass Rate with RRC Requirements</th>
<th>Meets or exceeds RRC Requirement</th>
<th>Within 20% of RRC Requirements</th>
<th>Below 20% of RRC Requirements</th>
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</thead>
</table>

**KEY**

* Internal Medicine Boards

**Parts I & II Psychiatry Boards

**International Stroke Conference, March 2017, Houston, TX**


**AAP meeting April 2017, Boston MA**

Heterotopic gray matter and idiopathic Rapid Eye Movement Sleep Behavior Disorder. El-Kouzi, Murr

**American Society of Neuroradiology Conference, April 2017, Long Beach, California**

Classification of Pipeline Flow Divider Endoleaks. Khan N, Siddiqui F, Burke, Casey M, Elias A

Use Of Pipeline Flow Diverters In Management Of Internal Carotid Bloodflow Caused By Endovascular Sinus Surgery. Jahanzeb N, Khan N, Siddiqui F, Casey, Elias A

**OB/GYN**

35th Annual Clinical Meeting for the North American Society for Pediatric and Adolescent Gynecology, April 2017, Chicago, IL

Repair of Straddle Injury Involving the Rectum with Concomitant Diverting Colostomy: A Case Report. Gong YY, Kanj RV, Merritt DF, Hoefgen HB

**Rural Cancer Control: Challenges and Opportunities Meeting, May 2017, Memphis, TN**


**Society of Hospital Medicine, May 2017, Las Vegas, NV**


**Pediatric Surgery**

American Society of Plastic Surgeons, The Meeting, September 2016, Las Vegas, CA

New insights for bilateral neuromodulator targets for correction of nocausal fold and mimicry rhytids: an anatomic study and introduction of the malar levator muscle. Award: ASPS 2016 Outstanding Paper Presentation. Aguirre-Amezquita F, Hutchinson L, Sommer N

**Pediatric Oncology**

American Society for Surgery of the Hand, September 2016, Austin, TX

Pituitary Status Predicts Survival in Recurrent and Persistent Ophthalmic Cancer. White J

**Pediatrics**


Current state of Pediatric critical and high dependency care in Nepal. Poster. Khanal A, Banerji S

**Pediatric Academic Societies Annual Meeting, May 2017, San Francisco, CA**


**Neurosurgery**

American Society for Surgery of the Hand, September 2016, rescue, Austin, TX


**Orthopaedics (also see Vascular)**

International Pediatric Orthopedic Symposium, December 2016, Orlando, Florida

Arthroscopic All Epiphyseal Femoral Avulsion Repair in a Pediatric Patient. Illingworth KD, Horberg JV, Gabriel KR

**American Academy of Orthopaedic Surgeons Annual Meeting, March 2017, San Diego, California**


**Pediatric Cardiology**

Combined Otolaryngology Spring Meeting, April 2017, San Diego, CA

Incidence, Characteristics, and Significance of Incidental Increased Thyroid Uptake on 18F-DG PET/CT. Castellano A

**Pediatrics**

American Society of Pediatrics National Conference and Exhibition, January 2017, San Francisco, CA


PRESENTATIONS
Culson & Rectal Surgery
American Society of Colon and Rectal Surgeons Annual Meeting, June 2017, Seattle WA
Time to re-evaluate colorectal age cutoff? Adenomas more common in elderly than thought. Poster. Fischer J, Engelking N, Thiele J, Wiesfeldt ED, Bakos J

Emergency Medicine
17th International Meeting on Simulation in Healthcare (IMSI 2017), January 28-32, 2017, Orlando, Florida

SIU End of Year Evaluations
ACGME Resident Survey

Data reported = total number of responses
Data reported = mean rating

ACOFP 54th Annual Convention and Scientific Assembly, March 2017, Orlando, FL

Feedback, Teaching & Supervision

Trainee Research Symposium Winners

Trainee Research Symposium Winners

RESIDENT/FELLOW WINNERS OF THE 2017 SIU SCHOOL OF MEDICINE TRAINEE RESEARCH SYMPOSIUM

Award
Resident/Fellow
PGY / Program
Mentor
Title
1st Place:
Mishika Malik, MD
PGY2 Pediatrics
Beau Batton, MD and Ginger Darling, MD
Less Methadone & a Shorter Stay: Improving Care for Infants in Neonatal Abstinence Syndrome (NAS)
Impact of Time to Surgery on Rural-Urban Disparities in Breast Cancer
2nd Place:
Elaine Jayne Buckley, MD
PGY4 General Surgery
Subha Ganai, MD, PhD, MPH, FACS
Impact of Endocrinologist & Surgeon Density on Thyroid Cancer Survival
3rd Place:
Alexandra McDow, MD
PGY5 General Surgery
Subha Ganai, MD, PhD, MPH, FACS
Impact of Endocrinologist & Surgeon Density on Thyroid Cancer Survival

Family & Community Medicine-Quincy
STFEM 36th Annual Spring Conference, May 2017, San Diego, CA
The importance of understanding social and emotional intelligence to better enhance resident education. Dixon WH, Kwekony R, Nadarajah S

Family & Community Medicine-Quincy
Resident / Fellow Presentations

SIU School of Medicine 2016-2017 GME Annual Report

SIU School of Medicine 2016-2017 GME Annual Report
The ACGME CLER program was developed to increase the integration of GME into patient safety and quality endeavors at clinical teaching sites and assesses the level of integration in the following focus areas: patient safety, health care quality (including health care disparities), transitions in care (TOC), supervision, duty hours / fatigue management, and professionalism.

SIU had its second CLER visit in August 2016. The CLER program is designed to give feedback to the GME Sponsoring Institution (SIU SOM), the visits take place at only one teaching site, St. John’s Hospital in Springfield. Because SIU SOM faculty deliver the vast majority of our supervision, and quality/patient safety (Q/PS) curriculum and oversight, we believe the majority of CLER feedback is generalizable across all of our teaching settings. While CLER does not contain any specific ratings or evaluations, it informs our endeavors in the six focus areas.

Patient Safety & Quality Improvement

The new CPRs codified a number of CLER quality and patient safety expectations, such as reporting of patient safety events (including near misses), training in disclosing bad outcomes to patients, literacy and involvement in quality improvement processes and activities aimed at reducing health care disparities. An introduction to health care disparities has been incorporated into the new resident curricula. We continue to see improvement in the use of electronic reporting systems. Educational efforts are focused on updated information about the various reporting mechanisms and the importance and value of reporting near misses as well as errors. We have room for improvement in our level of hospital and SIU HealthCare feedback to individual reporters about any actions stemming from their reports. In addition, new CPRs require that residents and faculty be provided with summary information of their various institutions’ patient safety reporting and the quality teams of our various teaching sites on the best way to do this. A resident QI Council was founded and worked with the GME quality and patient safety subcommittee to completely revamp our institutional quality curriculum for 2017-2018. The inaugural SIU School of Medicine Resident Quality Improvement Program Competition was held on September 21, 2016. * The goal of the event was to recognize the quality improvement work being done by SIU residents and fellows. Seventeen outstanding posters were displayed and judged at an evening event which was open to the community and attended by 71 people. Local and national CLER feedback has highlighted the high variability of knowledge about quality and patient safety processes among faculty supervisors. GMEC has been grappling with the best way to help faculty and anyone else involved in the care of patients achieve competency in these areas. The institutional curriculum is open to faculty as well as residents. In addition, GMEC developed and adopted a set of quality and patient safety learning and behavioral objectives. These were pulled from national CLER reports, feedback from our two SIU CLER visits, ACGME requirements and wisdom.
RESIDENT QUALITY IMPROVEMENT POSTER AWARDS

1ST PLACE Dr. Shaktishri Kandaswamy, Internal Medicine
“Quality Improvement Project Initiative to Control Inappropriate Antibiotic Use for Acute Respiratory and Urinary Tract Infection Treatment”

2ND PLACE Dr. Hadosu Jabri, Endocrinology
“Coordination of Inpatient Food Delivery and Mealtime Insulin Administration Improves On Time Insulin Dosing and Reduces Hypoglycemia”

3RD PLACE Dr. Katherine Kottwitz, Plastic Surgery
“Implementation of a Standardized, Evidence-Based Protocol for Routine Central Line Replacement to Decrease Catheter-related Blood Stream Infections in High-Risk Burn Patients: A Pre-Post Protocol Study”

Resident/Fellow Publications


Plastic Surgery / Hand Surgery


Plastic Surgery / Hand Surgery


Clinical and Educational Work Hours

The new CPR’s brought important changes in how we conceptualize and monitor resident work hours. Most importantly, the paradigm of duty hours changed to clinical and educational work hours. In addition to onsite clinical experiences, this encompasses any clinical work done from home, including telephone calls and EHR work, and all moonlighting. Programs have developed more robust mechanisms to provide continuity of patient care if learners are fatigued or overwhelmed. Programs and residents are given more flexibility for those occasional instances when a resident chooses to stay late for a particular patient. Programs are also given more flexibility in the scheduling of PGY1s. For the past few years, PGY1 were limited to 16 hour work periods. In the absence of data to suggest that this improved patient safety or resident well-being, this restriction was removed. All previous work hour rules (80 hour workweek; 24±4 maximum work period; 1 day off in 7; time off between work periods; limitations on in-house call) remain. Oversight of work hour compliance is a core GME responsibility. Program coordinators and directors are able to review resident work hours as they record them and all violations per program are reported quarterly by GME. Additional compliance input is gathered from annual surveys.

PUBLICATIONS

Dermatology


Emergency Medicine


Family & Community Medicine-Carbondale
Moselkinegh K & Talatik K. What is the most appropriate target dose of spironolactone when used as a 4th line agent for hypertension? Evidence-Based Practice 2017; 20(2):15.


Yochum A, Johnson S. What is the best regimen to prevent exercise induced bronchocstriction in a child with underlying asthma? Evidence-Based Practice, 2016; 19(9):12.

Family & Community Medicine—Springfield

Lawler E, Avila A. Does the combination of memantine with donepezil help treat Alzheimer’s dementia better than other drug alone? American Family Physician. 2017 Apr 1:95 (7):452.

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Infectious Disease


Dentistry


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RESIDENTS OR FACULTY HOLDING A LEADERSHIP POSITION

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Nicole Sommer, MD | American Board of Plastic Surgeons: Oral Board Examiner
Quincy FCM | Thomas Miller, MD | Association of Family Medicine Residency Directors: Board of Directors
Quincy Sports Medicine | James Daniels, MD | Executive Committee Member for following organizations: National Quality Forum, American College of Preventive Medicine, American College of Environmental Medicine, Society of Teachers in Family Medicine, American Medical Society of Sports Medicine
Radiology | Naneel Uzochukwu, MD | Strategic Radiology: Board of Directors
Springfield FCM | Wendi El-Amin, MD | National Medical Association: Chair of the Women’s Health Section; National Commission on Correctional Health Care: Board Member
Harald Lausen, DO | American Osteopathic Association: Chair of the Bureau of Osteopathic Education; American College of Osteopathic Family Physicians: Chair of the Task Force on ACGME Single Accreditation System; Accreditation Council for Graduate Medical Education: Family Medicine Review Committee Member
Dae Jeong, MD | World Taekwondo Federation: Medical Chairman; Pan-American Taekwondo Union: Continental Medical Chairperson; 2018 Pyeongchang Winter Olympics and Paralympics Organizing Committee: Venue Medical Officer of Bobsleigh Game
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Urology | Kevin McVary, MD | American Urological Association: Chair of Public Media Committee
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SIU School of Medicine 2016-2017 GME Annual Report
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 HS BOD is a group of residents, one or two from each Springfield program, that meets once a month to discuss any issues that residents are facing. This past year some of the issues we tackled include: getting coverage for birth control for residents with new health insurance, addressing safety issues for residents walking from the parking garage into the hospital at night, addressing an issue regarding radiology coverage at night at one hospital, and ensuring residents have sleep space at both hospitals, etc. This group is important because it represents the interest of residents in deliberations with both Springfield hospitals regarding working conditions and benefits. The group works to ensure that residents have minimal impediments in their medical, surgical, and ethical training. And lastly, I believe the most important purpose and value of the group is to promote resident well-being. For the past 2 years we have been providing input to the GMEC regarding its efforts to promote a great learning climate for residents.

Sincerely,
Jennifer Schuermann, MD
Family Medicine PGY3/Chief Resident
President, SIU HS BOD

2017 Outstanding Program Coordinator Award

In order to formally recognize the crucial and expansive role of a program coordinator, the Office of Graduate Medical Education assembles a committee annually to select a GME coordinator for the Outstanding Coordinator Award.

Written nominations are welcomed from faculty, staff, and residents/fellows. These are compiled and reviewed by the committee prior to selection.

Nicole Workman is the award recipient for 2017. Nicole is the Program Coordinator for General Surgery and has been in this role for four years. She also serves as a Mentor and Team Leader for other coordinators at the institution. She willingly shares her expertise and experience with other coordinators, and has served as the coordinator representative on the Graduate Medical Education Committee.

We congratulate Nicole on a job well done, and thank her for her generosity and mentoring of others.

Faculty National Leadership

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<td>Colorectal Surgery</td>
<td>Jan Rakinic, MD</td>
<td>American Board of Colon and Rectal Surgery (representing Program Directors’ Association in Colon and Rectal Surgery): Director, President-elect and Chair of Maintenance of Certification Process Committee</td>
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<td>Decatur FCM</td>
<td>Jessie Junker, MD</td>
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<td>James Waymack, MD</td>
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<td>John Flack, MD</td>
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<td>Susan Hingle, MD</td>
<td>American College of Physicians: Chair of the Board of Regents, Executive Committee of the Board of Regents, Chair of the Wellness Task Force, Chair of Education and Publication Committee, Member of the Governance Committee; Clerkship Directors of Internal Medicine: Treasurer of the National Council</td>
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<td>Internal Medicine/Psychiatry</td>
<td>Karen Brosquet, MD</td>
<td>Association of American Medical Colleges Group on Residency Affairs: Steering Committee</td>
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<td>Neurology</td>
<td>Najib Murr, MD</td>
<td>Epilepsy Foundation's National Epilepsy and Awareness Collaborate (NEEAC) Community of Practice: Steering Committee</td>
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<td>Rodger Elble, MD</td>
<td>International Parkinson and Movement Disorder Society: Chair of Tremor Task Force, Chair of Tremor Study Group</td>
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<td>Data + total # of responses</td>
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### AFGME Evaluations

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- **Orthopaedics**: 1=Very Noncompliant 5=Very Compliant
- **Otolaryngology**: 1=Very Noncompliant 5=Very Compliant
- **Pediatrics**: 1=Very Noncompliant 5=Very Compliant
- **Plastic Surgery**: 1=Very Noncompliant 5=Very Compliant
- **Radiology**: 1=Very Noncompliant 5=Very Compliant
- **Surgery**: 1=Very Noncompliant 5=Very Compliant
- **Urology**: 1=Very Noncompliant 5=Very Compliant
- **Vascular**: 1=Very Noncompliant 5=Very Compliant

### AFGME Surveys

<table>
<thead>
<tr>
<th>SCALE</th>
<th>Poor/Fair</th>
<th>Good/Bad</th>
<th>Excellent</th>
<th>Data + program mean rating</th>
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<tbody>
<tr>
<td>1-2</td>
<td>3</td>
<td>0</td>
<td>3.6</td>
<td>Data + program mean rating</td>
</tr>
<tr>
<td>3-4</td>
<td>1</td>
<td>3-4</td>
<td>3.9</td>
<td>Appropriate balance for education (national mean 4.2)</td>
</tr>
</tbody>
</table>

- **Dermatology**: 1=Very Noncompliant 5=Very Compliant
- **Emergency Medicine**: 1=Very Noncompliant 5=Very Compliant
- **FCM - Springfield**: 1=Very Noncompliant 5=Very Compliant
- **Internal Medicine**: 1=Very Noncompliant 5=Very Compliant
- **Med/Psych**: 1=Very Noncompliant 5=Very Compliant
- **Neurological Surgery**: 1=Very Noncompliant 5=Very Compliant
- **Neurology**: 1=Very Noncompliant 5=Very Compliant
- **OB/GYN**: 1=Very Noncompliant 5=Very Compliant
- **Orthopaedics**: 1=Very Noncompliant 5=Very Compliant
- **Otolaryngology**: 1=Very Noncompliant 5=Very Compliant
- **Pediatrics**: 1=Very Noncompliant 5=Very Compliant
- **Plastic Surgery**: 1=Very Noncompliant 5=Very Compliant
- **Radiology**: 1=Very Noncompliant 5=Very Compliant
- **Surgery**: 1=Very Noncompliant 5=Very Compliant
- **Urology**: 1=Very Noncompliant 5=Very Compliant
- **Vascular**: 1=Very Noncompliant 5=Very Compliant
The new CPR’s brought important changes in how we conceptualize and monitor resident work hours. Most importantly, the paradigm of duty hours was changed to allow enhanced multidisciplinary learning experiences, this encompasses any clinical work done from home, including telephone calls and EHR work, and all moonlighting. Programs have developed more robust mechanisms to provide continuity of patient care if learners are fatigued or overwhelmed. Programs and residents are given more flexibility for those occasional instances when a resident chooses to stay late for a particular patient. Programs are also given more flexibility in the scheduling of PGY1s. For the past few years, PGY1 were limited to 16 hour work periods. In the absence of data to suggest that this improved patient safety or resident well-being, this restriction was removed. All previous work hour rules (8 hour workweek, 24+ maximum work period; 1 day off in 7; time off between work periods; limitations on in-house call) remain. Oversight of work hour compliance is a core GMEC responsibility. Program coordinators and directors are able to view resident work hours as they record them and all violations per program are reported quarterly by GMEC. Additional compliance input is gathered from annual surveys. We’ve received feedback on both of our CLER visits that residents, fellows and nurses describe our work environment as respectful. They also report both awareness of options if faced with disruptive behavior or learner mistreatment and willingness to use them. Many of our efforts toward improved learning climate and well-being parallel professionalism.

Professionalism

We’ve received feedback on both of our CLER visits that residents, fellows and nurses describe our work environment as respectful. They also report both awareness of options if faced with disruptive behavior or learner mistreatment and willingness to use them. Many of our efforts toward improved learning climate and well-being parallel professionalism.
Resident/Fellow Publications

Resident Quality


Our CLER feedback has indicated generally high levels of awareness of and compliance with supervision standards. Many of our learning climate and high dependency care in Nepal. Pediatric Critical Care Medicine. 2016(11);17:1032-1040. DOI: 10.1097/PCC.0000000000000938. Epub Sept 16.

We hope that these objectives will be utilized

Transitions of Care

Based on feedback from our CLER visit, the practice of Readback and consistency of handoff scheduling were incorporated into the
to drive program and/or department QPS activities and can serve as a resource for anyone engaged in self-directed learning. To that end, we developed a resource metric with each objective linked to one or more learning resource.

The poster competition was made possible by a grant from the Memorial Medical Center Foundation.

PS/QI (Continued)

and input from our quality and patient safety experts. None of these objectives are new expectations, but this is the first time we’ve compiled them all into one document. We believe that if every faculty, learner, and provider demonstrates basic competence in all these objectives, we will meet or exceed any external standard and improve the care of our patients. We hope that these objectives will be utilized

1ST PLACE Dr. Shaktishri Kandaswamy, Internal Medicine

“Quality Improvement Project Initiative to Control Inappropriate Antibiotic Use for Asymptomatic Bacteriuria and Urinary Tract Infection Treatment”

2ND PLACE Dr. Hadoun Jabri, Endocrinology

“Coordination of Inpatient Food Delivery and Mealtime Insulin Administration Improves On Time Insulin Dosing and Reduces Hypoglycemia”

3RD PLACE Dr. Katherine Kottwitz, Plastic Surgery

“Implementation of a Standardized, Evidence-Based Protocol for Routine Central Line Replacement to Decrease Catheter-related Blood Stream Infections in High-Risk Burn Patients: A Pre-Post Protocol Study”

**Supervision**

Our CLER feedback has indicated generally high levels of awareness of and compliance with supervision standards. Many of our learning climate improvement endeavors focus on supervisory skills. Both national and local CLER reports have highlighted low levels of awareness among nurses about how residents are assessed and whether they possess competence to perform specific procedures or activities without direct supervision.

For the national report of findings, this was reported for over 90% of clinical teaching sites. In our ongoing efforts to optimize resident supervision, GME adopted a baseline set of circumstances for all programs in which residents need to involve their supervisor.

93 Residents & Fellows Completed LEAN / Six Sigma / TeamSTEPPS Training

80 Residents & Fellows Participated in a Mock RCA Session in February or Spring 2017

14 Hospital RCAs with 18 resident participants
Patient Safety & Quality Improvement

The new CPRs codified a number of CLER quality and patient safety expectations, such as reporting of patient safety events (including near misses), training in disclosing bad outcomes to patients, literacy and involvement in quality improvement processes and activities aimed at reducing health care disparities. An introduction to health care quality has been incorporated into the new resident curricula.

We continue to see improvement in the use of electronic reporting systems. Educational efforts are focused on updated information about the various reporting mechanisms and the importance and value of reporting near misses as well as errors. We have room for improvement in our level of hospital and SIU HealthCare feedback to individual reporters about any actions stemming from their reports. In addition, new CPRs require that residents and faculty be provided with summary information of their various institutions’ patient safety reporting system in order to help faculty and anyone else involved in the care of patients achieve competency in these areas. The institutional curriculum is open to faculty as well as residents. In addition, GMEC developed and adopted a set of quality and patient safety learning and behavioral objectives. These were pulled from national CLER reports, feedback from our two SIU CLER visits, ACGME requirements and wisdom


Urology


Vascular Surgery


SIU School of Medicine 2016-2017 GME Annual Report

Resident / Fellow Presentations

PRESENTATIONS
Colen & Rectal Surgery
American Society of Colon and Rectal Surgeons Annual Meeting,
June 2017, Seattle, WA

Emergency Medicine
17th International Meeting on Similation in Healthcare (IMSI 2017),
January 28-30, 2017, Orlando, Florida

ACGME Resident Survey
Data reported = mean rating

SIU School of Medicine 2016-2017 GME Annual Report

Feedback, Teaching, & Supervision

PRESENTATIONS
Nakken GN
SIU End of Year Evaluations

Data reported = total number of responses

ACGME Resident Survey
Data reported = mean rating

SIU School of Medicine 2016-2017 GME Annual Report

Trainee Research Symposium Winners

SIU School of Medicine 2016-2017 GME Annual Report

Trainee Research Symposium Winners

Resident/Fellow Winners of the 2017 SIU School of Medicine Trainee Research Symposium

Awards/Resident/Fellow - PGY / Program - Mentor - Title

1st Place: Minusha Malik, MD
PGY2 Pediatrics
Beau Barton, MD and Ginger Darling, MD
Less Methadone & a Shorter Stay: Improving Care for Infants in Neonatal Abstinence Syndrome (NAS)

2nd Place: Elaine Jayne Buckley, MD
PGY4 General Surgery
Suma Ganani, MD, MPH, FACS
Impact of Time to Surgery on Rural-Urban Disparities in Breast Cancer

3rd Place: Aleksandra McDow, MD
PGY5 General Surgery
Suma Ganani, MD, MPH, FACS
Impact of Endocrinologist & Surgeon Density on Thyroid Cancer Survival
<table>
<thead>
<tr>
<th>Program</th>
<th>First Time Pass Rate</th>
<th>Requirement First Time Pass Rate</th>
<th>Requirement for Graduates Must Take Exam</th>
<th>Board Pass Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermatology</td>
<td>90%</td>
<td>90% from last 4 years must take</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Emergency Medicine</td>
<td>80%</td>
<td>No requirement</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>FCIM - Springfield</td>
<td>90%</td>
<td>85% eligible graduates from last 5 years</td>
<td></td>
<td>92%</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>80%</td>
<td>80% from last 5 years</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Med/Psych</td>
<td>80%</td>
<td>All from last 5 years</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Neurological Surgery</td>
<td>75%</td>
<td>80% eligible graduates from last 5 years should take</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>80%</td>
<td>80% from last 5 years</td>
<td></td>
<td>94%</td>
</tr>
<tr>
<td>Orthopaedic Surgery</td>
<td>80% eligible graduates last 5 years (3rd Part)</td>
<td>75% eligible graduates last 5 years (3rd Part)</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Orthopedics</td>
<td>No requirement</td>
<td>No requirement</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>70%</td>
<td>70% who take last 3 years</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Plastic Surgery</td>
<td>70%</td>
<td>65% eligible graduates (qualifying)</td>
<td>60% graduates should take (certifying)</td>
<td>100%</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>70%</td>
<td>70% who take last 5 years</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Radiology</td>
<td>50%</td>
<td>50% last 5 years</td>
<td></td>
<td>56%</td>
</tr>
<tr>
<td>Surgery</td>
<td>80%</td>
<td>80% last 5 years (qualifying), 65% residents or graduates who take (certifying)</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Vascular Surgery</td>
<td>80%</td>
<td>80% last 5 years</td>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>

**FELLOWSHIPS**

<table>
<thead>
<tr>
<th>Program</th>
<th>Requirement First Time Pass Rate</th>
<th>Requirement for Graduates</th>
<th>Board Pass Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult Recon</td>
<td>No requirement</td>
<td>No requirement</td>
<td>N/A</td>
</tr>
<tr>
<td>Cardiology</td>
<td>75% who take last 5 years</td>
<td>75% eligible graduates</td>
<td>100%</td>
</tr>
<tr>
<td>Child Psychiatry</td>
<td>50% who take last 5 years</td>
<td>70% from last 5 years</td>
<td>40%</td>
</tr>
<tr>
<td>Colorectal Surgery</td>
<td>70% who take last 5 years</td>
<td>70% from last 10 years</td>
<td>100%</td>
</tr>
<tr>
<td>Endocrinology</td>
<td>80% who take last 5 years</td>
<td>80% eligible graduates</td>
<td>100%</td>
</tr>
<tr>
<td>Hand Surgery</td>
<td>No requirement</td>
<td>No requirement</td>
<td>N/A</td>
</tr>
<tr>
<td>Infectious Diseases</td>
<td>80% who take last 5 years</td>
<td>80% eligible graduates</td>
<td>100%</td>
</tr>
<tr>
<td>Pulmonary Medicine</td>
<td>80% who take last 5 years</td>
<td>80% eligible graduates</td>
<td>93%</td>
</tr>
<tr>
<td>Quincy Sports Medicine</td>
<td>75% who take last 5 years</td>
<td>75% eligible graduates</td>
<td>25%</td>
</tr>
</tbody>
</table>

**AFFILIATE RESIDENCY PROGRAMS**

<table>
<thead>
<tr>
<th>Program</th>
<th>Requirement First Time Pass Rate</th>
<th>Requirement for Graduates</th>
<th>Board Pass Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCIM - Cardobale</td>
<td>90% who take last 5 years</td>
<td>95% eligible graduates from last 5 years must take</td>
<td>100%</td>
</tr>
<tr>
<td>FCIM - Decatur</td>
<td>90% who take last 5 years</td>
<td>95% eligible graduates from last 5 years must take</td>
<td>100%</td>
</tr>
<tr>
<td>FCIM - Quincy</td>
<td>90% who take last 5 years</td>
<td>95% eligible graduates from last 5 years must take</td>
<td>88%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Scale</th>
<th>KEY</th>
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</thead>
<tbody>
<tr>
<td>Board Pass Rate with RRC Requirements</td>
<td>Meets or exceeds RRC Requirement</td>
</tr>
</tbody>
</table>

* Internal Medicine Boards
**Parts I & II Psychiatry Boards

---

**International Stroke Conference, March 2017, Houston, TX**


**AAN meeting April, 2017, Boston MA**

*Heterotopic gray matter and aplasiae Reanalyzing Sleep Movement Sleep Behavior Disorder.* El-Kenawy, Murr

**American Academy of Neurology Conference, April, 2017, Long Beach, California**

*Classification of Pipeline Flow Diverters Endoleaks.* Khan N, Siddiqui F, Burke, Casey M, Elias A

**Use Of Pipeline Flow Divorcer In Management Of Intracerebral Bloodflow Caused By Endoanal Sinus Syndrome.* Jahangir N, Khan N, Siddiqui F, Casey M, Elias A

**OB/GYN**

33rd Annual Clinical Meeting for the North American Society for Pediatric and Adolescent Gynecology, April 2017, Chicago, IL

*Repair of Straddle Injury Involving the Rectum with Concomitant Diverting Colostomy: A Case Report.* Gong YY, Kanji RV, Merritt DF, Hoefgen HR

**Rural Cancer Control: Challenges and Opportunities Meeting, May 2017, Memphis, TN**


**Surgical* (also see Vascular*)

**Pediatric Academic Societies Annual Meeting, May 2017, San Francisco, CA**

*Less Methodeau and a Shorter Stay: Improving Care for Infants with Neonatal Abstinence Syndrome (NAS).* Foster. Malik M, Batten B

**Society of Hospital Medicine, May 2017, Las Vegas, NV**

*A Rare Case of Disseminated Histoplasmosis in a Healthy Infant.* Foster. Patel N, Tripathy S, Gervase S

**Plastic Surgery**

American Society of Plastic Surgeons, The Meeting, December 2016, Orlando, Florida

*Orthopedic All Epitheal Femoral Avulsion Repair in a Pediatric Patient.* Illingsworth KD, Horburg JV, Gabriel KR

**Orthopaedics (also see Vascular*)**

International Pediatric Orthopaedic Symposium, December 2016, Orlando, Florida

*Orthopedic All Epitheal Femoral Avulsion Repair in a Pediatric Patient.* Illingsworth KD, Horburg JV, Gabriel KR

**American Academy of Orthopaedic Surgeons Annual Meeting, March 2017, San Diego, California**

*Radiographic Parameters of Sugar Tong Plaster Splints in Pediatric Distal Femur Fractures.* Illingsworth KD, Graham RD, Mayfield A, Martinek M, Gabriel KR


*Sugar Tong Splinting vs. Fiberglass Casting for Acute Distal Radius Fractures: A Simulation Model.* Illingsworth KD, Martinek M, Gabriel KR

**Otolaryngology**

Combined Otolaryngology Spring Meeting, April 2017, San Diego, CA

*Incidence, Characteristics, and Significance of Incidental Increased Thyroid Uptake on 18F-FDG PET/CT.* Castellano A

*pH Status Predicts Survival in Recurrent and Persistent Oropharyngeal Cancer. White J*

**Pediatrics**

American Academy of Pediatrics National Conference and Exhibition, January 2017, Long Beach, California

Current state of Pediatric critical and high dependency care in Nepal. Foster. Khanal A, Basnet S

**Society of Critical Care Medicine Annual Conference, January 2017, Honolulu, HI**


**Plastic Surgery**

American Society of Plastic Surgeons, The Meeting, September 2016, Los Angeles, CA

New insights for botulinum neurotoxins targets for correction of nuchal fold and mildure masticus: an anatomic study and introduction of the malar levator muscle. Award. ASPS 2016 Outstanding Paper Presentation. Snider C, Amalli A, Hutchison L, Sommer N

**Scanning Electron Microscopic: Comparison of Acellular Dermal Matrices, Does the Terminal Sterility Alter Collagen Architecture?** Mendenhall SD, Schummer RW, Daughton THF, Gupta A, Neumeister MW

**The American Society for Surgery of the Hand, September 2016, Austin, TX**

*Preauricular Syndrome: A Descriptive Analysis of a Single Surgeon’s Experience in 46 cases.* Foster. Schummer RW, Mendenhall SD, Daughton THF, Gupta A, Neumeister MW

**Preauricular Syndrome: A Descriptive Analysis of a Single Surgeon’s Experience in 46 cases.** Schummer RW, Mendenhall SD, Daughton THF, Winters J, Myhe J, Neumeister MW

**The 5th Biennial Meeting of the American Society for Reconstructive Transplantation, November 2016, Chicago, IL**

*Clinical Application of Mathematical Long Bone Ratios to Calculate Appropriate Donor Limb Lengths in Bilateral Upper Limb Transplantations.* Lufly J, Turka A, Mendenhall SD, Neumeister MW

**American Society of Reconstructive Microsurgery Annual Meeting, January 2017, Waikoloa, Hawaii**

Chimeric Multi-Perforator Fibrilca Flap: Expanding Single Flap Reconstruction and Optimizing Donor Site Morbidity. Berresi GC, Snider CC
### Resident Satisfaction with Training

<table>
<thead>
<tr>
<th>Year</th>
<th>Overall Evaluation</th>
<th>SIU End of Year Evaluation</th>
<th>AGCME Resident Survey</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Number of responses</td>
<td>Percentage of responses</td>
</tr>
<tr>
<td></td>
<td>Strongly Agree/Agree</td>
<td>Disagree/Strongly Disagree</td>
<td>Very Negative/Negative</td>
</tr>
<tr>
<td>2014-2015</td>
<td>22</td>
<td>0%</td>
<td>10%</td>
</tr>
<tr>
<td>2015-2016</td>
<td>22</td>
<td>7%</td>
<td>20%</td>
</tr>
<tr>
<td>2016-2017</td>
<td>22</td>
<td>14%</td>
<td>30%</td>
</tr>
</tbody>
</table>

### Resident Presentations

#### Dermatology
- Dhital S, Kulys R, Chakrabarty A, JI, Lee K, Selys O, Osumauzo O

#### Neurology
- Dhat S, Kulys R, Chakrabarty A, JI, Lee K, Selys O, Osumauzo O

#### Urology
- Dhat S, Kulys R, Chakrabarty A, JI, Lee K, Selys O, Osumauzo O

#### Surgery
- Chastain L, Ganai, Mellinger, Retzer A

#### Psychiatry
- Shah RP, Campbell P

#### Radiology
- Sturm S, Sinha Ray A, Foray N, Sadowski Neil, MD

### Abstracts

#### Decreased Ureteral Stenosis Rates After Ureteral Stenting
- Baloch T, Adaramola D, Baloch T

#### Cannabinoids in Clinical Practice
- Mendenhall SD, Neumeister MW

#### Clinical Application of Mathematical Long Bone Ratios to Calculate Appropriate Donor Limb Lengths in Bilateral Upper Limb Transplantations
- Lutfy J, Mendenhall SD, Neumeister MW

#### Psychiatric (also see Medicine/Psychiatry)
- 28th Annual Meeting of the American Neuropsychiatric Association, March 2017, Dallas, TX

#### Radiology
- American College of Gastroenterology Annual Meeting, October 2016, Las Vegas, NV

#### Rheumatology
- Rheumatology Research Conference, Boston, MA, March 2017

#### Sports Medicine
- AMSSM 26th Annual Meeting, May 2017, San Diego, CA

#### Urology
- NCS, September 7-10, 2016, Chicago, IL

#### Pathology
- SIU School of Medicine 2016-2017 GME Annual Report

#### Psychiatry
- SIU School of Medicine 2016-2017 GME Annual Report
Resident Recruitment and Orientation

Immune characterization of the programmed death receptor pathway in high risk prostate cancer. Baas, Gershbom, Dynda, Delfino, Robinson, Nie, Yearley, Althof, McVary, Gupta, Butcher.

Impact of Urologist Density and County Rurality on the practice of retroperitoneal lymph node dissection and cancer specific death in patients with non seminomatous germ cell tumors. Holland, Clemens, Zehnd, Nutt, Dynda, Althof.

Lessons learned from a contemporary series on penile implant complications. Ring, Kolher.

Post-filesystem syndrome: real or imagined? Baas, Butcher, Lwin, Holland, Herbert, Clemens, Delfino, Althof, Kohler, McVary.

Recurrent retroperitoneal desmoplastic small round cell tumor in young child. Fluck, Matik, Beck.

Resident impact on single surgeon outcomes of robotic assisted laparoscopic prostatectomy. Sulavker, Holland, Stevenson, Liere, McVary.

The complete primary repair of ectroxy - single procedure or staged reconstruction? Bell, Delfino, Mathews.

The utilization of partial orchidectomy in treating small testicular tumors in the United States. Holland, Clemens, Nutt, Dynda, Althof.

Society for Vascular Surgery, June 2017, San Diego, California.

Effect of Total Knee Arthroplasty on Calf Muscle Pump Function. Myles, Dunkley, Del, Kottwitz, Ring, Del, Tieu, Del.


Convective Radiofrequency Water Vapor Energy Ablation Effectively Treats Lower Urinary Tract Symptoms Due to Benign Prostatic Enlargement Regardless of Obese While Preserving Erectile and Ejaculatory Function: Results of a Multicenter, Randomized, Controlled Trial. Gupta, Kohler, McVary.

Testosterone Replacement Therapy is Not Associated with Clinical Worsening of Lower Urinary Tract Symptoms. Poster. Gupta, Baas, Chabdurmara, Khora, Kohler.


Convective Radiofrequency water vapor energy ablation effectively treats lower urinary tract symptoms due to benign prostatic enlargement regardless of obesity while preserving erectile and ejaculatory function: results of a multicenter, randomized, controlled trial. Gupta, Kohler, McVary.

AUA Annual Meeting, May 6-12, 2017, San Diego, CA.


Testosterone Replacement Therapy is Not Associated with Clinical Worsening of Lower Urinary Tract Symptoms. Poster. Gupta, Baas, Chabdurmara, Khora, Kohler.


Convective Radiofrequency water vapor energy ablation effectively treats lower urinary tract symptoms due to benign prostatic enlargement regardless of obesity while preserving erectile and ejaculatory function: results of a multicenter, randomized, controlled trial. Gupta, Kohler, McVary.

AUA Annual Meeting, May 6-12, 2017, San Diego, CA.


Comparison of Convective Radiofrequency Water Vapor Energy Ablation of Prostate (Rezum) to MTOPS trial cohort. Gupta, Holland, Dynda, Kohler, McVary.


Resident Recruitment and Orientation

| Program Name | SIU NRMP Fill Rate | National Mean Score | Nat Mean Score Matriculating Residents | US Seniors | Other | Step I Mean Score Matriculating Residents | US Seniors | Other | Step II Mean Score Matriculating Residents | US Seniors | Other | Step III Mean Score Matriculating Residents | US Seniors | Other | Step III Mean Score Current Residents | US Seniors | Other |
|--------------|-------------------|---------------------|---------------------------------------|------------|------|----------------------------------------|------------|------|----------------------------------------|------------|------|----------------------------------------|------------|------|----------------------------------------|------------|------|----------------------------------------|------------|------|
| Dermatology  | 100%              | 100.0%              | 248                                   | 249        | 237  | 256                                   | 257        | 237  | 230                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Emergency Medicine | 100%              | 99.7%               | 227                                   | 233        | 233  | 250                                   | 245        | 242  | 223                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| FCN - Springfield | 100%              | 95.8%               | 234                                   | 221        | 216  | 217                                   | 237        | 227  | 207                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Internal Medicine | 100%              | 98.2%               | 223                                   | 233        | 233  | 245                                   | 246        | 233  | 214                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Med/Psych    | 100%              | 100.0%              | 210                                   | N/A        | N/A  | N/A                                   | N/A        | N/A  | N/A                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Neurological Surgery | 100.0%           | 97.4%               | 212                                   | 231        | 229  | 239                                   | 243        | 234  | 212                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Neurology    | 100.0%            | 100.0%              | N/A                                   | 249        | 244  | N/A                                   | 254        | 246  | 231                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| OB/GYN       | 100.0%            | 99.9%               | 222                                   | 229        | 231  | 231                                   | 244        | 238  | 214                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Orthopaedics | 100.0%            | 98.4%               | 244                                   | 248        | 236  | 236                                   | 253        | 242  | 229                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Otolaryngology | 100.0%            | 95.4%               | 200                                   | 230        | 228  | 217                                   | 244        | 237  | 211                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Plastic Surgery | 100.0%            | 98.7%               | 228                                   | 250        | 230  | 237                                   | 256        | 240  | 218                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Psychiatry   | 100.0%            | 99.7%               | 210                                   | 224        | 219  | 229                                   | 238        | 228  | 201                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Radiology    | 100.0%            | 99.2%               | 217                                   | 240        | 239  | 247                                   | 242        | 219  |                                    |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Surgery      | 100.0%            | 99.6%               | 230                                   | 235        | 241  | 248                                   | 247        | 244  | 218                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Urology      | 100.0%            | N/A                 | 225                                   | N/A        | N/A  | 247                                   | N/A        | N/A  | 222                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |
| Vascular - Integrated | 100.0%           | 98.3%               | N/A                                   | 239        | 227  | N/A                                   | 234        | 245  | 223                                   |            |      |                                      |            |      |                                      |            |      |                                      |            |      |

Minimum passing scores for USMLE Exams:

Step I 192  †NRMP Results and Data, 2017 Residency Match
Step II 209  †NRMP Charting Outcomes in the Match, September 2016 (latest edition)
Step III 196  *Includes Preliminary Medicine resident scores
*Does not include SOAP candidates

New Resident / Fellow Orientation Overview

- ACGME: 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
- Minimum passing scores for USMLE Exams:
  - Step I 192  †NRMP Results and Data, 2017 Residency Match
  - Step II 209  †NRMP Charting Outcomes in the Match, September 2016 (latest edition)
  - Step III 196  *Does not include SOAP candidates

SIU School of Medicine 2016-2017 GME Annual Report
RESEARCH

Adult Reconstruction (also see Orthopaedics)

Danieleci P, Allan DG. Short Stem vs long stem of the Femoral Stem.

Graham RD, Herberg J, Shervin D, Allan DG. SE Assessing Weight-Bearing Surface in Dysplastic Aseptahi.

Lebramo CM, Graham RD, Herberg J, Shervin D, Allan DG. PF after Poly exchanges.

Dermatology


Berry, Mattingly, Parker, Robinson, Schutte, Steffens. MAVIS= Melanoma Antigen Vaccine Immunotherapy Study.

Bever, Mattingly, Parker, Robinson, Schutte, Steffens. Puerisias Longitudinal Assessment and Registry (ISOLAR).

Endocrinology

Jabeky M, Runco C, Yergler C, Lopinski S, Federali C, Jabiel H, Betchaya A. Impact of Dietary Protein and Fat on Postprandial Glycemic Excursions in Patients with Longstanding Type 2 Diabetes Mellitus Requiring Prandial and Basal Insulin.

Jabeky M, Sagem J, Taew S, Betchaya A. A Multi-Center Observational Study of Glycemic Control and Complications for Long Term Care Residents with Diabetes Mellitus.

Infectious Disease

Kotrala, Akram, Mukka. A Phase 6, Observational, Multicenter, 10-Year Perspective Cohort Safety Study Comparing Subjects with HIV-Associated Abdominal Lipohypertrophy Exposed to Egrifta® (Tesamorelin For Injection) to a Similar Group of Subjects not Exposed to Egrifta®.

Kotrala, Akram, Mukka. A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multicenter Study to Evaluate the Safety and Efficacy of BAY 41-6551 as Adjunctive Therapy in Intubated and Mechanically-Ventilated Patients with Gram-Negative Pseudomonas: Bayer 13844 - Aminocid study.

Kotrala, Akram, Mukka. A prospective, randomized, placebo-controlled, double-blind clinical trial to evaluate whether Egrifta® (tesamorelin for injection), 2 mg once daily, is associated with improved lean body mass and peripheral fat mass and peripheral fat distribution in males and females with HIV/AIDS, who are undergoing treatment with HAART.

Kotrala, Akram, Mukka. A Randomized, Open-Label, Multicenter Study Of Liposomal Amikacin For Inhalation (LAI) In Adult Patients With Nontuberculous Mycobacterial (NTM) Infections Caused By Mycobacterium avium Complex (MAC) That Are Refractory To Treatment. INS1211 - INS1212.

Kotrala, Akram, Mukka. In vitro antiviral susceptibility and molecular characterization of MDR and XDR Pseudomonas aeruginosa [supported by Memorial Medical Foundation Grant].

Kotrala, Akram, Mukka. In vitro antiviral susceptibility, synergy, and resistance mechanism for Multidrug Resistant Acinetobacter baumannii [supported by Memorial Medical Foundation Grant].


Sundaramohan, Akram, Mukka. A Phase 3 Randomized, Double-Blind Study Comparing TRV01 FA and Linezolid in Ventilated Grampositive Nosocomial Pneumonia.

Sundaramohan, Akram, Mukka. A Prospective, Randomized, Double-Blind, Multicenter, Phase 3 Study to Assess the Safety and Efficacy of Intravenous Ceftriaxone/Teicoplanin Compared with Meropenem in Adult Patients with Ventilated Nosocomial Pneumonia.

Sundaramohan, Akram, Mukka. Biofilm properties in diabetic foot ulcers. Prospective study from patients in Wound Clinic.

Sundaramohan, Akram, Mukka. Televeonin Observational Use Registry.

Internal Medicine

Mahmali H. Evaluating the use of angiotensin converting enzyme inhibitors and angiotensin II receptor blockers post-operatively in the context of post-procedural complications of hypertension and acute kidney injury following transcatheter aortic valve replacement. Accepted IRB protocol.

Internal Medicine / Psychiatry

Parks C, Shrestha S. The Experience of Chronic Pain and its Treatment.

Parks K, Brescot, Hill-Jordan, Betchway A. Depression and Burnout in residents. In data-analysis stage. IRB #: 16-578 approval date: 10/14/2016

Neurology


Cozena J, Amin D, Michael A. A Phase I and II Study of 5-Aminolevulinic Acid (5-ALA) to Enhance Visualization and Resection of Malignant Glial Tumors of the Brain.

Cozena J, Michael A. Improving Hospital Quality and Costs in Mild Traumatic Brain Injury.

Dr La Cruz J, Jones B. Factors Influencing Satiation of Patients Presenting to the Emergency Department with Abdominal Pain.


Neurology

Eliis, Jabanghi, Khan, Siddiqui. Single Comprehensive Stroke Center Assessment of CT Portion Software: Accuracy of Final Infarct Volume after Thrombectomy with ASPECT and MRI Correlation.


OB/CYN/Minimally Invasive Gynecologic Surgery


Brand L, Hyon K. Addressing Rural Cancer Health Disparities: An SCC-HEMS Partnership” (Washington University-6CC, St. Louis, MO and SIU School of Medicine, Springfield, IL).

ACADEMIC PROGRAM OVERVIEW

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Accreditation Status</th>
<th>First Self-Visit</th>
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<td>Emergency Medicine</td>
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<tr>
<td>Vascular Surgery - Integrated</td>
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Fellowships

Adult Reconstructive Surgery | Full | 1/2022 |
| Carbonbile Sports Medicine | Full | 6/2018 |
| Child Psychiatry | Full | 4/2023 |
| Colon & Rectal Surgery | Full | 3/2019 |
| Endocrinology | Full | 10/2020 |
| Hand Surgery | Full | 5/2019 |
| Infectious Diseases | Full | 10/2020 |
| Pulmonary Medicine | Full | 10/2020 |
| Quincy Sports Medicine | Full | 8/2019 |

Affiliate Residency Programs

FCM - Carbondale | Full | 6/2018 |
| FCM - Decatur | Full | 10/2018 |
| FCM - Quincy | Full | 8/2019 |

Other

Institution | Full | 10/2026 |
LEARNING CLIMATE COMPARISON

<table>
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<tr>
<th>Faculty &amp; staff interested in residency education</th>
<th>Residents can raise concerns without fear</th>
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<tr>
<td>Satisfied with process to deal with problems &amp; concerns</td>
<td>Ability to express concerns without fear</td>
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<td>ACGME Resident Survey (completed Jan-Mar)</td>
<td>SIU End of Year Survey (completed May-Jun)</td>
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AFFILIATE RESIDENCY PROGRAMS

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POSITIVE LEARNING/WORK ENVIRONMENT

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SIU School of Medicine 2016-2017 GME Annual Report
In recognition of the passion, dedication and commitment on the part of all our trainees, program directors, program coordinators, faculty, staff and hospital partners, I am proud to present the 2016—2017 GME annual report. Our programs continue to inspire us as they demonstrate excellence in education and patient care and help us 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.

2016-2017 was an eventful year for GME at SIU and our affiliated hospitals. We had our second Clinical Learning Environment Review (CLER) visit and we implemented a new set of ACGME Common Program Requirements (CPRs), emphasizing patient safety and quality, fatigue mitigation and resident and faculty well-being.

Residents are surveyed twice a year on various aspects of their training via the ACGME Resident Survey and SIU GMEC End of Year Evaluation. Input from these instruments on a variety of training parameters are included in these pages.

The GMEC is accountable for advising and monitoring all aspects of residency education in a manner to meet the needs of the residents, 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 2016-2017 academic year is included below.

### Chair

- **Karen Broquet, MD**
- **Jennifer Graham, JD**
- **John Mellinger, MD**
- **Thomas Miller, MD**
- **Michelle Miner, MD**
- **Najib Murr, MD**
- **Erica Nelson, MD**
- **Quincy Scott, DO**
- **Santosh Shrestha, MD**
- **Nicole Sommer, MD**
- **Andrew Varney, MD**
- **John Becker, MD**
- **Careyana Brenham, MD**
- **Lucinda Buescher, MD**
- **Keith Gabriel, MD**
- **Douglas Hood, MD**
- **Jessie Junker, MD**
- **Janak Koirala, MD (Fellowship)**
- **Ranjiv Matthews, MD**
- **Christopher McDowell, MD**
- **Dorcas Adaramola, MD**
- **Richard Austin, MD**
- **Sidharth Chandra, MD**
- **Daniel Ryan, MD**
- **Jacob Scheer, MD**
- **Ryan Schmucker, MD**
- **Waiz Wasey, MD**

### Faculty

- **Sandra Ettema, MD**
- **Harald Lausen, DO, AOA Director**
- **Kristen Leadbetter, MD**
- **Paula Mackrides, DO, AOA Director**
- **Laura Shea, MD**

### Program Coordinator

- **Nicole Workman**
- **Devin Amin, MD**
- **Carol Bauer, MD**
- **John Becker, MD**
- **Careyana Brenham, MD**
- **Lucinda Buescher, MD**
- **Keith Gabriel, MD**
- **Douglas Hood, MD**
- **Jessie Junker, MD**
- **Janak Koirala, MD (Fellowship)**
- **Ranjiv Matthews, MD**
- **Christopher McDowell, MD**

### Program Directors

- **Sandra Ettema, MD**
- **Harald Lausen, DO, AOA Director**
- **Kristen Leadbetter, MD**
- **Paula Mackrides, DO, AOA Director**
- **Laura Shea, MD**

### Hospital Administrators

- **Sara Cameron, HSHS St. John’s**
- **Rajesh Govindiaiah, MD, CMO**
- **Gurpreet Mander, MD, CMO HSHS St. John’s**

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