In recognition of the passion, dedication and commitment on the part of all of our trainees, program directors, program coordinators, faculty, staff and hospital partners, I am proud to present the 2018-2019 GME annual report. Our programs continue to inspire us as they demonstrate excellence in education, scholarship and patient care thus providing us the foundation in fulfilling 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.

We spent much of the year preparing for the implementation of new ACGME Common Program Requirements (CPRs), which became effective July 2019. The 2019 requirements set a higher standard for our community faculty in the areas of educational professional development, non-clinical teaching and resident assessment. In recognition of the interplay between Clinical Learning Environment Review (CLER) objectives and evidence based care, the new requirements also expanded the definition of scholarship to include participation in quality and patient safety initiatives.

Our third CLER visit occurred. We received ACGME approval for the establishment of three new Fellowships. The Hematology / Medical Oncology and Cardiovascular Disease programs matriculated their first fellows in July 2019. Pulmonary Disease and Critical Care Medicine will begin July 2020. We developed a more robust metric for monitoring resident survey responses and GMEC follow up, and implemented a process for programs to report their graduates’ practice data, which allows us to closely assess how well we are serving our mission. We continue to maintain strong relationships with our hospital partners and in July, welcomed HSHS St. Mary’s Hospital in Decatur as the inpatient training site for our Child Psychiatry Fellowship.

I hope you find this information useful.

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

Patient Safety & Health Care Quality

- 77 Residents & Fellows completed LEAN/Six Sigma Training
- 10 Residents & Fellows completed TeamSTEPPS Training
- 75 Residents & Fellows participated in Mock Root Cause Analysis (RCA) Sessions held in October 2018 and March 2019.
- 10 Hospital RCAs with 17 resident participants
Graduate Medical Education Committee (GMEC)

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 Review and Recognition Committees. A list of GMEC members for the 2018-2019 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 Govindaiah, MD, CMO Memorial
Shanna Hull, HSHS St. John’s
Gurpreet Mander, MD, CMO HSHS St. John’s

**LEGAL COUNSEL**
Jennifer Graham, JD

**PROGRAM COORDINATOR**
Ruth Stark

**PROGRAM DIRECTORS**
Gordon Allan, MD
Devin Amin, MD
John Becker, MD
Sacharitha Bowers, MD
Careyana Brenham, MD
Dana Crosby, MD
William Dixon, MD
Douglas Hood, MD
Jessie Junker, MD
Roger Kim, MD
Ranjiv Matthews, MD
Najib Murr, MD
Erica Nelson, MD
Janet Patterson, MD
Quincy Scott, DO
Santosh Shrestha, MD
Nicole Sommer, MD
Vidya Sundareshan, MD (Fellowship)
Andrew Varney, MD
James Waymack, MD
Vincent Zata, MD

**RESIDENTS**
Nana Cudjoe, MD
Tyler Fulks, MD
Katherine Hyon, MD
Breck Jones, MD
Asiya Mohammed, MD
Daniel Ryan, MD
Nader Tehrani, MD

**REVIEW OF PROGRAM PERFORMANCE**
- ACGME Resident Surveys
- ACGME Faculty Surveys
- ACGME Well-Being Surveys
- Annual Accreditation Letters and Citations
- Annual Program Evaluations
- Clinical & Educational Work Hour Compliance
- Monitoring of Transitions of Care
- Scholarly Activity and Case Numbers Self-Studies
- SIU SOM End of Year Evaluations

**SPECIAL REVIEWS**
- Dermatology

**MOCK SITE VISIT**
- Cardiovascular Disease

**SELF-STUDIES**
- Carbondale Family & Community Medicine
- Carbondale Sports Medicine
- Colon & Rectal Surgery
- Decatur Family & Community Medicine
- Springfield Family & Community Medicine
- Otolaryngology

**GMEC SUB-COMMITTEES**
- Annual Program Evaluation Well-Being

**REVISED POLICIES AND PROCEDURES**
- Academic Deficiency Policy
- Other Learners or Care Providers Policy
- International Travel for Away Rotations Policy
- GMEC Program Oversight and Review Policy
- Resident File Guidelines
- Program Letter of Agreement Template
- USMLE/COMLEX Exam Policy
- Supervision Policy
- Institutional Policy for Clinical and Educational Work Hours
- Resident and Faculty Well-Being

**LEADERSHIP DEVELOPMENT**
- 5 new Program Directors
- 6 new Program Coordinators
GMEC Annual Institutional Goals

**Goal 1**
Promote an Outstanding Learning and Work Climate
(Carry-over from 2017-2018)

We have been making slow and steady progress toward this goal, which has been an institutional priority for several years. It may seem surprising that it has taken years to demonstrate measurable improvement here, given SIU's historical commitment to learners and the high level of collegiality within our medical community. However, learning or work climate represents a final common pathway of a number of parameters, individual factors, economic and human resources, externally imposed change, and general stress and wellness levels. Initial interventions included faculty development on the dimensions of learning climate, delivery of effective feedback, and clinical teaching and supervision skills.

The GMEC and individual programs have been partnering with the SIU Center for Human and Organizational Potential (CHOP) and partner hospitals to increase the level of wellness resources and activities and, perhaps most importantly, systems and processes that promote wellness and a positive work environment. The most obvious of these are protocols for when learners are overwhelmed or fatigued. Because of the inverse relationship between faculty and resident workload and learner satisfaction, we have been working with SIU Medicine leaders and partner hospitals to ensure that all of our programs have adequate faculty levels and resident complements. We have used a number of outcomes to measure progress towards this goal. Frequent discussions with resident leaders and residents in individual programs has provided valuable feedback and direction for our efforts. We have utilized learning climate-related items on the ACGME Resident Survey as one of our primary outcome measures. This was chosen for two reasons. First, the Resident Survey is weighted very heavily by the ACGME in their annual accreditation decisions. Second, it sets a high bar for measuring learner satisfaction. Any response below 4 on a 5 point scale for learning climate items is considered to be "non-compliant", or cause for concern by the ACGME. The Resident Survey has its limitations, as it does not provide any mechanism for comments. We replicate important learning climate related items on a SIU GMEC End of Year Evaluation. Our SIU residents have been incredibly generous in sharing their comments and feedback to guide our efforts. Input on learning climate and a variety of other training parameters from these two instruments are included in this report. In a separate survey of Springfield residents conducted in December 2018, 94% of respondents rated the learning climate in their program as good or excellent.

**Goal 2**
Establish a process and practice for each clinical site to provide summary information of their institution's patient safety reports to residents, faculty and other clinical staff. Establish a process for GMEC to verify that the above is occurring.

This goal was originally set to meet a specific ACGME requirement. Each quarter, the GMEC reviews a patient safety report from Memorial Medical Center and HSHS Saint John's Hospital. This overview includes the number of attending and resident reports and general categories of reports. We are on track, over the next several months, to include reporting from our hospitals outside of Springfield and from the SIU Medicine Clinics. The GMEC is exploring ways to refine these reports and use them to reinforce the link between individual event reporting and improvement in patient care.

**Goal 3**
How to Verify Resident Competency to Perform Various Patient Procedures with Indirect Supervision

This goal was set after receiving the feedback from multiple CLER visits that nursing staff on our inpatient units have no way of verifying the procedural competency of any individual resident. We currently meet Joint Commission and ACGME standards for this. According to the 2018 ACGME CLER National Report of Findings, very few institutions nationally have this figured out. However, we felt we had some opportunities to improve our process here. Our first step was to establish the scope of the problem. We queried our Springfield hospitals and have identified a number of higher risk settings and procedures (ICUs, bedside lumbar punctures and catheter placements, inpatient to outpatient transitions, transitions from the emergency department to the floors). We are starting with programs that have residents involved in those clinical settings and procedures. A GMEC work group has been tasked with this effort. We anticipate that this will be a multi-year effort and goal.
Goal 4
Improve standard setting, oversight and supervision/monitoring of high risk transitions of care (TOC)

SIU GME programs have a well-established set of content and standards for transitions of care. This goal was established to focus on settings that are at higher risk for loss of the information during transitions. The GMEC Transitions of Care (Handoff) Policy was rewritten. The new policy more clearly delineates responsibilities regarding transitions of care and can also be used as an educational tool. Although this is an institutional goal, because transitions are so specific to their setting, we identified no feasible interventions that would be transferable across services or hospitals. The Psychiatry and Orthopaedic Surgery programs have been involved in hospital-based quality improvement projects to improve an identified TOC gap. After reviewing the outcomes of these projects, we felt that intervention at the program level would be appropriate. Each program has been charged with identifying their highest risk TOC, identifying area(s) for improvement and implementing changes via one or more PDSA cycles. Programs have been given until September 2020 to report their findings, interventions and outcomes to GMEC. We anticipate that this will be a multiyear effort and goal.

Learning Climate Comparison

<table>
<thead>
<tr>
<th></th>
<th>SIU End of Year Survey (Completed May-June)</th>
<th>ACGME Resident Survey (Completed Jan-March)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ability to express concerns without fear</td>
<td>Faculty and staff interested in education</td>
</tr>
<tr>
<td></td>
<td>% in Poor/Fair % Good/Excellent % in Poor/Fair % Good/Excellent % in C/E</td>
<td></td>
</tr>
<tr>
<td>ACGME program data reported in % compliant responses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PROGRAM**</td>
<td>AY 18</td>
<td>AY 19</td>
</tr>
<tr>
<td>Child Psych**</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Dermatology</td>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td>Emergency Medicine</td>
<td>27</td>
<td>73</td>
</tr>
<tr>
<td>Endocrinology</td>
<td>33</td>
<td>67</td>
</tr>
<tr>
<td>FCM - Carbondale</td>
<td>20</td>
<td>80</td>
</tr>
<tr>
<td>FCM - Decatur</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>FCM - Quincy</td>
<td>29</td>
<td>71</td>
</tr>
<tr>
<td>FCM - Springfield</td>
<td>11</td>
<td>89</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>29</td>
<td>68</td>
</tr>
<tr>
<td>Med/Psych</td>
<td>12</td>
<td>88</td>
</tr>
<tr>
<td>Neurology</td>
<td>100</td>
<td>0</td>
</tr>
<tr>
<td>Neurosurgery</td>
<td>67</td>
<td>33</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>14</td>
<td>86</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>46</td>
<td>54</td>
</tr>
<tr>
<td>Otolaryngology</td>
<td>22</td>
<td>78</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>7</td>
<td>93</td>
</tr>
<tr>
<td>Plastic Surgery</td>
<td>25</td>
<td>75</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>36</td>
<td>64</td>
</tr>
<tr>
<td>Pulmonary</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Radiology</td>
<td>17</td>
<td>83</td>
</tr>
<tr>
<td>Surgery</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Urology</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Vascular Surgery</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>All Programs/Institution</td>
<td>23</td>
<td>/ /</td>
</tr>
</tbody>
</table>

* No report for Adult Recon, Cardiovascular Disease, Colon & Rectal Surgery, Hand Surgery, Hem/Onc, Infectious Diseases, Sports Medicine (2)

** No ACGME Survey report for Child Psych in AY18

GMEC Annual Institutional Goals
### Academic Program Overview

<table>
<thead>
<tr>
<th></th>
<th>Springfield</th>
<th>Affiliates</th>
</tr>
</thead>
<tbody>
<tr>
<td># Residents &amp; Fellows</td>
<td>283</td>
<td>52</td>
</tr>
<tr>
<td># Accredited Residency Programs</td>
<td>17</td>
<td>3</td>
</tr>
<tr>
<td># Accredited Fellowship Programs</td>
<td>9</td>
<td>2</td>
</tr>
<tr>
<td># Non-Accredited Fellowships</td>
<td>1</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Program Accreditation Status

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>Accreditation Status</th>
<th>First Self-Study Due Date*</th>
<th>Number of Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermatology</td>
<td>Full</td>
<td>6/2023</td>
<td>12</td>
</tr>
<tr>
<td>Emergency Medicine</td>
<td>Full</td>
<td>9/2022</td>
<td>24</td>
</tr>
<tr>
<td>FCM - Carbondale</td>
<td>Full</td>
<td>6/2018*</td>
<td>18</td>
</tr>
<tr>
<td>FCM - Decatur</td>
<td>Full</td>
<td>10/2018*</td>
<td>15</td>
</tr>
<tr>
<td>FCM - Quincy</td>
<td>Full</td>
<td>8/2020</td>
<td>18</td>
</tr>
<tr>
<td>FCM - Springfield</td>
<td>Full</td>
<td>10/2018*</td>
<td>30</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>Full</td>
<td>10/2023</td>
<td>42</td>
</tr>
<tr>
<td>Med/Psych</td>
<td>N/A</td>
<td>N/A</td>
<td>10</td>
</tr>
<tr>
<td>Neurological Surgery</td>
<td>Full without Outcomes</td>
<td>1/2025</td>
<td>7</td>
</tr>
<tr>
<td>Neurology</td>
<td>Continued with Warning</td>
<td>11/2020</td>
<td>12</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>Full</td>
<td>6/2022</td>
<td>16</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>Full</td>
<td>1/2022</td>
<td>15</td>
</tr>
<tr>
<td>Otolaryngology</td>
<td>Full</td>
<td>2/2019*</td>
<td>10</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>Full</td>
<td>4/2022</td>
<td>24</td>
</tr>
<tr>
<td>Plastic Surgery</td>
<td>Full</td>
<td>5/2020</td>
<td>12</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>Full</td>
<td>4/2023</td>
<td>24</td>
</tr>
<tr>
<td>Radiology</td>
<td>Full</td>
<td>11/2022</td>
<td>15</td>
</tr>
<tr>
<td>Surgery</td>
<td>Full</td>
<td>2/2024</td>
<td>20</td>
</tr>
<tr>
<td>Urology</td>
<td>Full</td>
<td>6/2023</td>
<td>10</td>
</tr>
<tr>
<td>Vascular Surgery</td>
<td>Full</td>
<td>2/2024</td>
<td>5</td>
</tr>
<tr>
<td><strong>Fellowships</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adult Reconstructive Surgery</td>
<td>Full</td>
<td>1/2022</td>
<td>1</td>
</tr>
<tr>
<td>Carbondale Sports Medicine</td>
<td>Full</td>
<td>6/2018*</td>
<td>1</td>
</tr>
<tr>
<td>Cardiovascular Disease</td>
<td>Initial</td>
<td>TBD</td>
<td>9</td>
</tr>
<tr>
<td>Child Psychiatry</td>
<td>Full</td>
<td>4/2023</td>
<td>4</td>
</tr>
<tr>
<td>Colon &amp; Rectal Surgery</td>
<td>Continued with Warning</td>
<td>3/2019*</td>
<td>1</td>
</tr>
<tr>
<td>Endocrinology</td>
<td>Full</td>
<td>10/2023</td>
<td>4</td>
</tr>
<tr>
<td>Hand Surgery</td>
<td>Full</td>
<td>5/2020</td>
<td>1</td>
</tr>
<tr>
<td>Hematology &amp; Medical Oncology</td>
<td>Initial</td>
<td>TBD</td>
<td>6</td>
</tr>
<tr>
<td>Infectious Diseases</td>
<td>Full</td>
<td>10/2023</td>
<td>2</td>
</tr>
<tr>
<td>Pulmonary Medicine</td>
<td>Full</td>
<td>10/2023</td>
<td>6</td>
</tr>
<tr>
<td>Quincy Sports Medicine</td>
<td>Full</td>
<td>8/2020</td>
<td>1</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Institution</td>
<td>Full</td>
<td>10/2026</td>
<td>375</td>
</tr>
</tbody>
</table>

*Self-Study Completed
## Resident Satisfaction with Training

<table>
<thead>
<tr>
<th>PROGRAMS*</th>
<th>SIU End of Year Evaluation</th>
<th>ACGME Resident Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Your overall satisfaction with the educational environment of your program</td>
<td>I would recommend my training program to a friend</td>
</tr>
<tr>
<td></td>
<td>Number of responses</td>
<td>Percentage of responses</td>
</tr>
<tr>
<td></td>
<td>Poor/Fair</td>
<td>Good/Excellent</td>
</tr>
<tr>
<td>Child Psych</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Dermatology</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Emergency Medicine</td>
<td>1</td>
<td>11</td>
</tr>
<tr>
<td>Endocrinology</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>FCM - Carbondale</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>FCM - Decatur</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>FCM - Quincy</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>FCM - Springfield</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>4</td>
<td>14</td>
</tr>
<tr>
<td>Med/Psych</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Neurological Surgery</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Neurology</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>1</td>
<td>7</td>
</tr>
<tr>
<td>Otolaryngology</td>
<td>U</td>
<td>/</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Plastic Surgery</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Pulmonary</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Radiology</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>Surgery</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Urology</td>
<td>U</td>
<td>/</td>
</tr>
<tr>
<td>Vascular</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>All Programs/Institution</td>
<td>14</td>
<td>12</td>
</tr>
</tbody>
</table>

*No report for Adult Recon, Cardiovascular Disease, Colon & Rectal Surgery, Hand Surgery, Hem/Onc, Infectious Diseases, Sports Medicine (2)
Beginning July 2019, the ACGME has significantly revised program requirements for board pass rates. Previously, each specialty review committee set a separate standard for the percentage of graduates who had to both take and pass the certifying exam. The July 2019 requirements will contain a common standard for all specialties:

• For specialties in which the ABMS member board and/or AOA certifying board offer(s) an annual written exam, in the preceding three years, the program’s aggregate pass rate of those taking the examination for the first time must be higher than the bottom fifth percentile of programs in that specialty. (6 year aggregate for specialties with a biannual exam).

• Any program whose graduates have achieved an 80 percent pass rate will have met this requirement, no matter the percentile rank of the program for pass rate in that specialty.

In addition to first-time pass rates, the new requirements also recognize that ultimate board certification is a valuable parameter of program quality. Because graduates are eligible for up to seven years from residency graduation for initial certification, the ACGME will eventually calculate a rolling three-year average of the ultimate board certification rate at seven years post-graduation, and monitor it. They have not, as yet, established a minimum standard for ultimate certification. For now:

• Programs must report board certification status annually for the cohort of board-eligible residents that graduated seven years earlier.

We do not have access to our programs’ percentile rankings in their specialty. The table below contains the ultimate certification rate for 2011-2012 graduates.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>Ultimate Board Certification Status for 2011-2012 Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dermatology</td>
<td>100%</td>
</tr>
<tr>
<td>Emergency Medicine</td>
<td>N/A</td>
</tr>
<tr>
<td>FCM - Carbondale</td>
<td>100%</td>
</tr>
<tr>
<td>FCM - Decatur</td>
<td>100%</td>
</tr>
<tr>
<td>FCM - Quincy</td>
<td>100%</td>
</tr>
<tr>
<td>FCM - Springfield</td>
<td>91%</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>93%</td>
</tr>
<tr>
<td>Med/Psych</td>
<td>100%</td>
</tr>
<tr>
<td>Neurological Surgery</td>
<td>N/A</td>
</tr>
<tr>
<td>Neurology</td>
<td>100%</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>100%</td>
</tr>
<tr>
<td>Orthopaedic Surgery</td>
<td>100%</td>
</tr>
<tr>
<td>Otolaryngology</td>
<td>100%</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>100%</td>
</tr>
<tr>
<td>Plastic Surgery</td>
<td>100%</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>N/A</td>
</tr>
<tr>
<td>Radiology</td>
<td>100%</td>
</tr>
<tr>
<td>Surgery</td>
<td>100%</td>
</tr>
<tr>
<td>Urology</td>
<td>100%</td>
</tr>
<tr>
<td>Vascular Surgery</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Fellowships**

<table>
<thead>
<tr>
<th>Fellowship</th>
<th>Ultimate Board Certification Status for 2011-2012 Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult Recon</td>
<td>100%</td>
</tr>
<tr>
<td>Carbondale Sports Medicine</td>
<td>100%</td>
</tr>
<tr>
<td>Cardiovascular Disease</td>
<td>N/A</td>
</tr>
<tr>
<td>Child Psychiatry</td>
<td>50%</td>
</tr>
<tr>
<td>Colorectal Surgery</td>
<td>100%</td>
</tr>
<tr>
<td>Endocrinology</td>
<td>100%</td>
</tr>
<tr>
<td>Hand Surgery</td>
<td>N/A</td>
</tr>
<tr>
<td>Hematology/Oncology</td>
<td>N/A</td>
</tr>
<tr>
<td>Infectious Diseases</td>
<td>100%</td>
</tr>
<tr>
<td>Pulmonary Medicine</td>
<td>100%</td>
</tr>
<tr>
<td>Quincy Sports Medicine</td>
<td>100%</td>
</tr>
</tbody>
</table>
## Feedback, Teaching & Supervision

### SIU End of Year Evaluations

Data reported = total number of responses

### ACGME Resident Survey

ACGME program data reported in % compliant responses; national average is shown directly below.

<table>
<thead>
<tr>
<th>PROGRAM*</th>
<th>SIU End of Year Evaluations</th>
<th>ACGME Resident Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Faculty Teaching Skills</td>
<td>Adequate and Prompt Supervision Provided by Faculty</td>
</tr>
<tr>
<td></td>
<td>Poor/Fair</td>
<td>Good/Excellent</td>
</tr>
<tr>
<td></td>
<td>1-2</td>
<td>3-4</td>
</tr>
<tr>
<td>Child Psych</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Dermatology</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Emergency Medicine</td>
<td>0</td>
<td>13</td>
</tr>
<tr>
<td>Endocrinology</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>FCM - Carbondale</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>FCM - Decatur</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>FCM - Quincy</td>
<td>1</td>
<td>/</td>
</tr>
<tr>
<td>FCM - Springfield</td>
<td>0</td>
<td>11</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td>Med/Phys</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Neurological Surgery</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Neurology</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>1</td>
<td>/</td>
</tr>
<tr>
<td>Otolaryngology</td>
<td>0</td>
<td>/</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>Plastic Surgery</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>Pulmonary</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Radiology</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Surgery</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Urology</td>
<td>0</td>
<td>/</td>
</tr>
<tr>
<td>Vascular</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>All Programs/Institution</td>
<td>5</td>
<td>140</td>
</tr>
</tbody>
</table>

*No report for Adult Recon, Cardiovascular Disease, Colon & Rectal Surgery, Hand Surgery, Hem/Onc, Infectious Diseases, Sports Medicine (2)
### Trainee Research Symposium Winners

**Resident/Fellow Winners of the 2019 SIU School of Medicine Trainee Research Symposium**

<table>
<thead>
<tr>
<th>Award</th>
<th>Resident/Fellow</th>
<th>PGY / Program</th>
<th>Mentor / Department</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Poster Presentations</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st</td>
<td>Nishat Fatima, MD</td>
<td>PGY5 Endocrinology</td>
<td>Michael Jakoby, MD Internal Medicine</td>
<td>Adrenocortical Carcinoma Diagnosed During Evaluation of an Incidentally Discovered Adrenal Mass</td>
</tr>
<tr>
<td>2nd</td>
<td>Zara Fatima, MD</td>
<td>PGY4 Neurology</td>
<td>James Gilchrist, MD Neurology</td>
<td>&quot;No Touch&quot; Period 24 Hours Post t-PA Infusion</td>
</tr>
<tr>
<td>2nd</td>
<td>Katherine Hyon, MD</td>
<td>PGY3 OBGYN</td>
<td>J. Anne Martin, MD Obstetrics/Gynecology</td>
<td>Assessment of Colposcopy Adherence in a Low Income Patient Population</td>
</tr>
<tr>
<td>2nd</td>
<td>Mehwish Farooqi, MD</td>
<td>PGY1 Neurology</td>
<td>Krati Chauhan, MD Internal Medicine</td>
<td>Cutaneous Changes in a Rheumatoid Arthritis Patient</td>
</tr>
<tr>
<td>2nd</td>
<td>Najwa Pervin, MD</td>
<td>PGY4 Infectious Diseases</td>
<td>Vidya Sundareshan, MD Internal Medicine</td>
<td>Stroke Alert and False Alarms: How a Virus Can Fool the System</td>
</tr>
<tr>
<td>3rd</td>
<td>Sara-Grace Carbrey, MD</td>
<td>PGY1 Medicine/Psychiatry</td>
<td>Mukul Bhattarai, MD Internal Medicine</td>
<td>A Rare Case of Idiopathic, Spontaneous Renal Artery Dissection (SRAD) in a Female Patient on Stimulants</td>
</tr>
<tr>
<td>3rd</td>
<td>Jaime Armah, MD</td>
<td>PGY1 Decatur Family &amp; Community Medicine</td>
<td>Justin Parker, MD Family &amp; Community Medicine</td>
<td>The Pitfalls of Polypharmacy: A Case of Neuroceptic Malignant Syndrome</td>
</tr>
<tr>
<td>3rd</td>
<td>Victoria Watson, MD</td>
<td>PGY3 Neurosurgery</td>
<td>Jeffrey Cozzens, MD Surgery</td>
<td>Use of 5-Aminolevulinic Acid for Confirmation of Lesional Biopsy Sample in Presumed High Grade glioma: A Technical Case Report</td>
</tr>
<tr>
<td><strong>Oral Presentations</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1st</td>
<td>Timothy Daugherty, MD</td>
<td>PGY4 Plastic Surgery</td>
<td>Michael Neumeister, MD Surgery</td>
<td>Potential Mechanism Of Skin Improvement In Radiation Wounds Following Fat Grafting. The Fate Of Adipose Derived Stem Cells And Role Of Stromal Vascular Fraction</td>
</tr>
<tr>
<td>2nd</td>
<td>Suhayb Ranjha, MD</td>
<td>PGY1 Internal Medicine</td>
<td>Mukul Bhattarai, MD Internal Medicine</td>
<td>A Curious Case of Pembrolizumab-Induced Crohn’s Disease</td>
</tr>
<tr>
<td>3rd</td>
<td>Michael Kim, MD</td>
<td>PGY3 Emergency Medicine</td>
<td>James Waymack, MD Emergency Medicine</td>
<td>Euglycemic Diabetic Ketaacidosis, A rare Complication of SGLT-2 Inhibitor</td>
</tr>
<tr>
<td>3rd</td>
<td>Manjari Rani Regmi, MD</td>
<td>PGY1 Internal Medicine</td>
<td>Youssef Chami, MD Internal Medicine</td>
<td>Impact of Heart Failure with Preserved Ejection Fraction (HF-pEF) on 30 Days Readmission: A Study from a Single Academic Center</td>
</tr>
</tbody>
</table>
The SIU Graduate Medical Education Committee presented the 3rd Annual SIU SOM Quality Improvement Poster Symposium and Competition on April 30, 2019, with funding provided by the Memorial Medical Center Foundation. The quality of posters presented continues to improve each year. There were some projects that had been previously presented as works-in-progress, which were presented this year with the final results and impact of their project. This was the first time the Innovation Award, which demonstrates a creative approach to successfully implementing a project, was awarded.

The winners of this year’s event were:

**First place and Innovation Award – Dr. Annalise Almdale, OB/GYN**

“Compliance with Gestational Diabetes Testing During Pregnancy and the Post Partum Period - Post Implementation Analysis”

The study objectives were to 1) Identify compliance of patient follow-up testing in the postpartum period 2) Identify reasons for non-compliance for patients and providers 3) Improve compliance and decreased missed diagnoses of DM2.

**Conclusion:**
- Initial compliance for post partum glucola testing was low, 26%.
- 58% of patients in part one were given an order for a 2 hour GTT
- On Post-implementation analysis, compliance was much improved
- 68% of patients completed post partum glucola testing
- Patients available and completed post partum glucola testing is 76%
- 50% of patient noncompliance can be contributed to provider noncompliance in providing order for postpartum testing

Methods at improving patient and provider compliance were successful including:
- Order for GTT given at first postpartum exam
- Maintaining gDM on active problem list
- Offer 2-hour GTT or 3month A1C at post partum visit
- Request for post partum appointment includes order and scheduling for 2 hour glucola
- Provider emphasis on risk of development of DM and importance of post partum testing

**Second place – Dr. Kiddy Ume, Neurology**

“Provider (resident) initiated telephone reminders in the neurology resident continuity clinic setting”

The study objective was to decrease no-show rates in the neurology resident continuity clinic by implementing provider-initiated telephone reminders (PITRs).

**Conclusion:**
- PITRs improve no-show rates, allow for early cancellation and re-scheduling, identify at-risk groups, and help build rapport. PITRs may be more effective than staff initiated or automated phone calls. Further larger-scale quality improvement projects are warranted.

**Third place – Dr. Najwa Pervin, Infectious Disease**

“Reduction of length of inpatient stay with home infusion referral for Intravenous antibiotics”

The study objective was to decrease the percent of patients with antibiotic infusion arrangements Case LOS/Geometric Mean LOS >1

**Proposed Changes:**
- Standardize expectations for PCF/Discharge planner (Status updates/FYIs can be sent by PCFs in NaviHealth)
- Share updated list of PCF names, contact information, and photos with ID
- Create pocket cards with PCF names and direct
- PCFs text page SIU ID to meet during rounds
- Pre-built check box in ID note “Potential need for IV antibiotics at discharge” that notifies PCF
- SIU ID-Chart note and order by noon if patient is expected to discharge that day
For many years we have had a GME wellness initiative that focused on education about wellness, stress management, suicide and impairment prevention, low-barrier access to mental health care for residents, and support for individual residents in crisis and their programs. Recent years have brought a much needed national focus on the relationship between healthcare provider wellness and patient safety, burnout, and physician suicide and impairment. As a result, our efforts and synergy with others has grown. Here is a just a small sample of the wellness activities happening in the GME community.

• GMEC established a standing Well-Being Subcommittee. Their charge is to liaise and coordinate GMEC wellness initiatives with other SIU SOM wellness programs in order to maximize integration of efforts.

• Residents are actively involved in mentoring, retreats and programs via the Center for Human and Organizational Potential (CHOP), the SIU Medicine Alliance for Women in Medicine and Science (AWIMS) group, and the Office of Equity, Diversity, and Inclusion.

• Establishment of Wellness rooms at SIU SOM and in the Decatur and Carbondale FCM buildings.

• Widespread TeamSTEPPS and other training to improve communication skills

• Multiple program specific wellness activities and initiatives

QI/Population Health Forum

A new curricular offering was introduced this year. The QI/Population Health Forum is a multidisciplinary activity developed to expose residents to the various ways differing sectors of the health care delivery system view the diagnosis and treatment of disease. Using asthma as an example, residents used Plan-Do-Study-Act (PDSA) cycles to analyze the course of this illness from the perspectives of providers, ambulatory services, hospital systems, payers, and communities.

Specific learning objectives were to:

• Identify:
  • care and performance gaps related to asthma across several domains or contexts.
  • conflicts and synergies across the domains or contexts.
  • current successful projects and programs that create improvement in each domain.

• Outline real or perceived barriers to improvement that exist at each level.

• Brainstorm potential solutions to ongoing performance gaps in each domain.

The forum helped residents explore the unique perspectives and priorities of stakeholders to best understand how to navigate our ever complex health care system.

Well-Being

For many years we have had a GME wellness initiative that focused on education about wellness, stress management, suicide and impairment prevention, low-barrier access to mental health care for residents, and support for individual residents in crisis and their programs. Recent years have brought a much needed national focus on the relationship between healthcare provider wellness and patient safety, burnout, and physician suicide and impairment. As a result, our efforts and synergy with others has grown. Here is a just a small sample of the wellness activities happening in the GME community.

• GMEC established a standing Well-Being Subcommittee. Their charge is to liaise and coordinate GMEC wellness initiatives with other SIU SOM wellness programs in order to maximize integration of efforts.

• Residents are actively involved in mentoring, retreats and programs via the Center for Human and Organizational Potential (CHOP), the SIU Medicine Alliance for Women in Medicine and Science (AWIMS) group, and the Office of Equity, Diversity, and Inclusion.

• Establishment of Wellness rooms at SIU SOM and in the Decatur and Carbondale FCM buildings.

• Widespread TeamSTEPPS and other training to improve communication skills

• Multiple program specific wellness activities and initiatives
The 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
- Healthcare quality, including healthcare disparities
- Transitions of care
- Supervision
- Clinical and educational work hours/fatigue management and mitigation
- Professionalism
- Physician well-being

We had our third CLER visit in December 2018. This visit took place at Memorial Medical Center (MMC). The previous visits have been at HSHS Saint John's Hospital. CLER visits are fairly intensive, spanning two days. The team met with leadership and patient safety professionals from SIU and MMC. A new addition in 2018 was a meeting with designated collective level of comfort in speaking about which time outs are respected and utilized, and the importance of reporting of unprofessional behavior.

The 2018 ACGME CLER National Report of Findings provides some insight into national trends on a set of standard CLER visit questions. In the areas of patient safety, health care quality, supervision, and well-being, “positive” responses were around or slightly above the national average. Aggregate responses regarding how well TOC processes are standardized, especially in high risk TOCs, indicated room for improvement, relative to national findings. The GMEC has set a goal to improve this. There were two areas in which we received feedback that was well above that reported nationally. One area is the extent to which time outs are respected and utilized, and the collective level of comfort in speaking up if a physician does not perform a time-out. The other area was a very high level of confidence in the effectiveness of how we manage reports of unprofessional behavior.

### Educational Balance

<table>
<thead>
<tr>
<th>PROGRAM*</th>
<th>SIU End of Year Evaluations</th>
<th>ACGME Resident Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Poor/Fair</td>
<td>1-2</td>
</tr>
<tr>
<td>Child Psych</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Dermatology</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Emergency Medicine</td>
<td>1</td>
<td>11</td>
</tr>
<tr>
<td>Endocrinology</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>FCM - Carbondale</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>FCM - Decatur</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>FCM - Quincy</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>FCM - Springfield</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>5</td>
<td>13</td>
</tr>
<tr>
<td>Med/Psych</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Neurological Surgery</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Neurology</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>1</td>
<td>7</td>
</tr>
<tr>
<td>Otolaryngology</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>0</td>
<td>9</td>
</tr>
<tr>
<td>Plastic Surgery</td>
<td>U</td>
<td>4</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>Pulmonary</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Radiology</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Surgery</td>
<td>U</td>
<td>5</td>
</tr>
<tr>
<td>Urology</td>
<td>0</td>
<td>7</td>
</tr>
<tr>
<td>Vascular</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>All Programs/Institution</td>
<td>18</td>
<td>124</td>
</tr>
</tbody>
</table>

*No report for Adult Recon, Cardiovascular Disease, Colon & Rectal Surgery, Hand Surgery, Hem/Dnc, Infectious Diseases, Sports Medicine (2)
GME Professional Development

PROGRAM COORDINATOR DEVELOPMENT TOPICS
- Annual Program Evaluation
- EHR Onboarding
- ERAS Tips
- Exiting Residents
- J-1 Visas & Employment Authorization
- Medical Licensing
- Medicare / Medicaid enrollment
- Milestones, Case Logs, and CCC Meetings
- National Resident Matching Program
- New Innovations
- New Resident Orientation – GME & Program
- Physician Wellness
- Program Letters of Agreement
- Quality Improvement & Patient Safety Activities
- Record Keeping / Resident Files
- Recruitment
- Scheduling – Rotation and Conference
- Scholarly Activity
- WebADS Annual Update

PROGRAM DIRECTOR DEVELOPMENT SESSIONS
2019:
- New ACGME Common Program Requirements
2018:
- Programmatic Aspects of Resident Performance Assessment
- Program Director’s Guide to Coaching and Mentoring
2017:
- Conflict Management
- Competency Based Assessment Systems & Milestones
2016:
- Going Ape for APE
- The Resident in Academic Difficulty
2015:
- Improving our Learning Environment
2014:
- Competency Based GME

RESIDENT/FELLOW LIVE SESSIONS & ONLINE MODULES
- Employment Contracts and Financial Planning
- Medical Legal Partnerships
- Patient Safety & Communication
- Professional Boundaries & Social Media
- Quality Improvement & Population Health
- Residents as Teachers
- Root Cause Analysis
- Sleep Deprivation & Fatigue Education
- Supervision of Residents
- Understanding Wellness, Stress, and Impairment in Physicians

New Resident / Fellow Orientation Overview

- ACGME: Clinical Learning Environment, Clinical & Educational Work 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
A Message from the House Staff Board of Directors President:

The House Staff Board of Directors (HSBOD) is a group of residents that meets monthly to address issues pertaining to residency and the relationship residents have with each hospital and the School of Medicine. Each residency program nominates a primary and alternative delegate to represent them in the HSBOD, but every resident is welcome to sit in on meetings.

Each year the board reviews the ACGME mid-year and end-of-year surveys to determine what changes may need to be made to improve the learning environment in Springfield. This information has proven useful in addressing the concerns of our residents and we have seen improvements in both the ACGME and SIU surveys.

Another hot topic on the national level is resident wellness and mental health. We were able to secure new sleep and call rooms for residents ensuring that residents of all specialties have available call rooms overnight and nap rooms during the day at both hospitals. Additionally, with the help of the SIU Graduate Medical Education Committee, the HSBOD has ensured all residents have access to resources for recognizing and managing wellness issues, fatigue, and physician burnout. We have continued our work with the Resident Resource Fund and during the past year have awarded a total of $2350 to residents to help them manage expenses related to conference attendance, away rotations, research, and educational materials.

The HSBOD has always assisted new incoming residents with their institutional orientation at SIU and this year has planned to have a school-wide residency gathering for food, drink, and relaxation that is open to residents and their families. Over the past several years I have been proud to work as part of the HSBOD and look forward to continuing to work this year on bettering the learning climate at SIU for all residents.

Breck Jones, MD
Neurosurgery, PGY5
President, House Staff Board of Directors
Resident/Faculty National Leadership

Colon & Rectal Surgery

Jan Rakinic, MD
Executive Committee Member, American Board of Colon & Rectal Surgery (ABCRS)

Steve Tsoraides, MD
Surveyor and Accreditation Committee Member, American College of Surgeons / Commission of Cancer, National Accreditation Program for Rectal Cancer

Dermatology

Stephen Stone, MD
Chair, American Academy of Dermatology Individual Giving Committee

Family & Community Medicine – Decatur

Johnny Tenegra, MD
Co-Chair, Family Medicine Midwest Conference Host Committee

Family & Community Medicine – Quincy

Paula Mackrides, DO
Delegate, American Osteopathic Association House of Delegates, 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

Dae Jeong, MD
Chairman, Medical and Anti-Doping Committee, World Taekwondo (WT); Chairman, Medical and Anti-Doping Committee, Pan Am Taekwondo Union (PATU)

Harry Lausen, DO
Chair, Bureau of Osteopathic Education, American Osteopathic Association

Hand Surgery

Michael Neumeister, MD
Chair, Plastic Surgery Resident Review Committee, Accreditation Council for Graduate Medical Education; Advisory Council Member, Chair of Credentials & Requirements Committee, Senior Examiner, and Director, American Board of Plastic Surgery; Board of Governors, American College of Surgeons; Chair of Research Committee, PS Coordinators Committee, and Technology Committee, Co-Chair of New Technology for Education Committee, American Council for Academic Plastic Surgeons; Co-Chair Reconstructive Symposium, American Association of Plastic Surgeons; Hand Journal Committee, American Association for Hand Surgery; Treasurer, American Society for Peripheral Nerve/ Editor-in-Chief HAND Journal, American Association for Hand Surgery

Hematology / Oncology

Edem Agamah, MD
President, International Health & Development Network (IHDN)

Internal Medicine

John Flack, MD
Member Board of Regents, American College of Physicians; President, American Hypertension Specialist Certification Program; Vice Chair, Hypertension Professional Education Committee, American Heart Association; Board of Trustees, International Society of Hypertension in Blacks, Inc.

Susan Hingle, MD
Chair, Education and Publications Committee, Chair, Wellness Task Force, American College of Physicians

Neurology

Najib Murr, MD
Steering Committee Member, Epilepsy Foundation’s National Epilepsy and Awareness Collaborative Community of Practice; Editorial Board Member, Journal of Neurology and Neuroscience; Editor in Chief for Epilepsy Section, StatPearls

Rodger Elble, MD
Chair, Tremor Study Group, International Parkinson and Movement Disorder Society
### Resident/Faculty National Leadership

#### OBGYN

**Ricardo Loret de Mola, MD**  
Chair, Illinois Section of the American College of Obstetricians and Gynecologists  
Advisory Council, Illinois Section of the American College of Obstetricians and Gynecologists

#### Orthopedic Surgery

**Christine DiPompeo, MD (Resident)**  
Executive Board Resident Assembly, Committee Chair, Career Development Resident Assembly, American Academy of Orthopaedic Surgeons

**Norman Otsuka, MD**  
Chairperson, Section on Orthopaedics, American Academy of Pediatrics; Deputy Editor, Journal of the American Academy of Orthopaedic Surgeons; Board of Directors, Accreditation Council for Graduate Medical Education

#### Otolaryngology

**Carol Bauer, MD**  
Secretary General, Hearing International; President, American Otological Society; Senior Examiner, American Board of Otolaryngology

#### Plastic Surgery

**Nicole Sommer, MD**  
Co-Chair of Women in Academic Surgery Committee, American Council of Plastic Surgery

#### Psychiatry

**Karen Broquet, MD**  
Chair, Group on Resident Affairs Core Competency Committee, Association of American Medical Colleges

**Laura Shea, MD**  
Illinois Alternate Delegate, American Medical Association

#### Sports Medicine – Quincy

**James Daniels, MD**  
Senior Editor, Sports Medicine In-Training Exam, American Medical Society of Sports Medicine; Head Team Physician, US Olympic Team for Pan Am Games Lima, Peru

#### Surgery

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

**John Mellinger, MD**  
Board of Directors, American Board of Family Medicine; Director, American Board of Surgery; Chair, General Surgery Residency Committee, American Board of Surgery; Co-Chair of 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

**Hilary Sanfey, MD**  
Chair, Association of Women Surgeons Foundation

#### Urology

**Bradley Schwartz, DO**  
Chair, Education Committee North Central Section of the American Urological Association

#### Vascular Surgery

**Kim J. Hodgson, MD**  
President Elect, Society for Vascular Surgery
Resident/Fellow Publications

**PUBLICATIONS**

**Dermatology**

**Emergency Medicine**


**Family & Community Medicine – Decatur**

Jamkhou P, Junker JA. Do sweetened beverages increase the risk of acute gout attacks? Help Desk Answer Evidence-Based Practice: January 2019 - Volume 22 - Issue 1 - p 30–31

Jiwan R, Tenegra J. As compared to conventional palpation methods, is the use of ultrasound more cost and clinically effective for guiding intra-articular injection therapy? Help Desk Answer Evidence-Based Practice: March 2019 - Volume 22 - Issue 3 - p 34–35

Valji SS, Klein SM. In South Asian men, does healthy diet and regular exercise decrease the incidence of cardiovascular disease? Help Desk Answer Evidence-Based Practice: May 2019 - Volume 22 - Issue 5 - p 20–21

Renganath A, Junker JA. Does Aloe Vera promote wound healing? Help Desk Answer Evidence-Based Practice: September 2018 - Volume 21 - Issue 8 - p 10–11

**Family & Community Medicine – Quincy**


**Family & Community Medicine – Springfield**

**Infectious Disease**


Stone T, Henkje J, Prakash V. “Pulmonary Mucormycosis Associated with Medical Marijuana Use.” Accepted for publication in Respiratory Medicine Case Reports January 2019.


**Internal Medicine – see also Med/Psych and Pulmonary**


Med/Psych


Parks KA, Parks CG, Yost JP, Bennett JI, Onwuameze OE. Acute blood pressure changes associated with antipsychotic administration to psychiatric inpatients. Primary Care Companion CNS Disord. 2018 Jul 19,20(4).

Neurosurgery


Orthopaedics


Otolaryngology


Pediatrics


Plastic Surgery


Psychiatry – see also Med/Psych


Resident/Fellow Publications


Parks KA, Parks CG, Yost JP*, Bennett JI, Onwuameze OE. Acute blood pressure changes associated with antipsychotic administration to psychiatric inpatients. Primary Care Companion CNS Disord. 2018 Jul 19,20(4).

Pulmonary Medicine


Radiology


Sports Medicine – Quincy


Surgery


Urology


PRESENTATIONS

**Adult Reconstructive Surgery – See Orthopaedics**

**Child Psychiatry**


**Colorectal**


**Dermatology**


**Emergency Medicine**


**Endocrinology**


**Family & Community Medicine - Decatur**


**Family & Community Medicine - Springfield**

Jeong D, Albers J, Saeed, S, Mohammad A, Cong L. CONTROL ID: 3160580 Poster Session A “The Evaluation Of Dyspnea and Edema By The Point-of-care Ultrasound in Geriatric Ambulatory Care Setting Current Category: Case Series & Case Studies (scholarship using individual cases or case series to provide insight into best practices in geriatrics) Final Poster ID#: A18 AGS (American Geriatric Society) Meeting in Portland Oregon May 2, 2019
Saeed S, Jeong D, Mohammad A, Cong L. CONTROL ID: 3160957 Poster Session D (Students & Residents) “Syncope Secondary To Rivastigmine Use in Older Adults Current Category: Case Series & Case Studies (scholarship using individual cases or case series to provide insight into best practices in geriatrics)” Final Poster ID: 263 AGS (American Geriatric Society) Meeting in Portland Oregon Friday May 3, 2019

Hui J, Mirocha N. "Developing a Credentialing Process For OMT Proficiency For Family Medicine Residents” Poster at the American College of Osteopathic Family Physicians National Meeting March 21, 2019, Chicago, IL

Tenega N, Long, L DU. Dobbins M, Mirocha N, Golden M. "Breaking Bad:” Challenging Health Care System Authority for Primary Care Delivery. Putting Care at the Center National meeting 2019, National Center for Complex Health and Social Needs Dec 2018, Chicago, IL

Buffey K, Mirocha N. "Getting to yes or no: A Quality Improvement Project to Obtain Informed Consent for OMT”, National AAMC Integrating Quality Experience Conference Arlington, VA June 2018


Infectious Disease

Pervin N - "Comparative In-vitro Study of Susceptibilities of Eravacycline, Tigecycline, and Minocycline against Multidrug Resistant Acinetobacter baumannii" Presented at Midwest Clinical & Translational Research Meeting of Central Society for Clinical and Translational Research (CSCTR) and Midwestern American Federation for Medical Research (MWAFMR), Chicago, IL 2019

Chua F. – “Cladophialophora bantiana Brain Abscess and Voriconazole-Induced Fluorosis and Periostitis Deformans.” Accepted as one of the top 15 cases during the national Infectious Diseases Society of America "Interesting Cases Submitted During the ID Week Call for Cases” poster session. Washington, DC, October 2019.

Sundareshan V and Pervin N - Comparative In-vitro Study of Susceptibilities of Eravacycline, Tigecycline, and Minocycline against Multidrug Resistant Acinetobacter baumannii Udita Chapagain, Mid-West American Federation of Medical Research, Chicago April, 2019

Sundareshan V and Pervin N - In vitro Activity of Eravacycline and Other Tetracyclines on Extended Spectrum Beta-lactamase Producing Clinical Isolates of Gram Negative Organism, Mid-West American Federation of Medical Research, Chicago April, 2019

Internal Medicine

Sartawi T, Al-Bast B, Sreedhar R. Pasteurella Canis: A Rare Cause of Chronic Bronchitis in a Patient with Intralobar Pulmonary Sequestration” Poster presentation at the Annual Meeting of the American Thoracic Society; May 19, 2019, Dallas, TX


Bhandari B, Baquero G. Thrombotic Mid LAD Occlusion Presenting as Isolated Inferior Wall STEMI. Miami Valves Conference Jan 2019, Miami, FL


Bhandari B, Mikhail M. Reverse Remodeling and Restoration of Left Atrial Elasticity- A New Paradigm. American College of Cardiology National Meeting; New Orleans, LA; March 2019


Med Psych – See also Internal Medicine


Neurosurgery


Resident/Fellow Presentations

Neurology


OB/GYN


Resident/Fellow Presentations

Neurology


OB/GYN


Otolaryngology

Ezeilo NY, Wing S. *Assessing the performance of Afirma Gene Expression Classifier in predicting the risk of malignancy in indeterminate thyroid nodules*, Acad-N-COSM Annual Meeting. 2019 May, Austin, TX.


Pediatrics


Schweber J. *“Presentation of a Pathway Medicated Tachycardia in a 3 month old male”*. American Pediatric Association Conference, Detroit, MI, March 2019.

Emmons Z. *Clinical Relevance of Time to Positive Culture in Coagulase-Negative Staphylococcus Bacteremia* Pediatric Academic Societies Annual Meeting May 2019.

Khanal A. NSTEMI due to Coronary Vasospasm in a teenager with remote Kawasaki disease with normal coronaries. American Academy of Pediatrics National Conference and Exhibition, Section on Pediatric Cardiology. Orlando, FL. November 2-6, 2018. (Status: Submitted)


Plastic Surgery


Daugherty T. "The Mechanism of Skin Improvement in Radiation Wounds Following Fat Grafting: The Fate of Adipose Derived Stem Cells and Role of Stromal Vascular Fraction." Midwestern Association of Plastic Surgeons Annual Scientific Meeting. Lake Geneva, WI. 2019 May. 2nd Place. Podium Presentation

Psychiatry


Pulmonary - See also Internal Medicine


Radiology


Sports Medicine – Carbondale


Sports Medicine - Quincy


Surgery


Shackleton, Knight, Wietfeldt MD, N Engelking RN, J Thiele MD, J Rakinik MD. Incidence of adenoma in normal risk patients younger than 50 higher than previously reported. Presented at Ohio Valley Society of Colorectal Surgery, April 27, 2019

Feimster, Mellingier, Ganai, Scaife. Determinants of 90-day readmission following ventral hernia repair with and without mycotic aneurysm flap reconstruction. Presented at SAGES, April 3, 2019 Baltimore, MD

Mackinney, Smith M, O’Malley, Stumpf, Ganai. Unintended Consequences of a VTE Prophylaxis Order Set for Trauma Patients. Presented at Annual Academic Surgical Congress February 7, 2019, Houston, TX

Feimster JW, Knight SWE, Boehler ML, Schwind CJ, Han H, Kim RH. Effective Resident Oral Case Presentation Skills During Surgical Consultations. Presented at Annual Academic Surgical Congress February 5, 2019 Houston, TX

Tehrani N, Rejowski, Barkmeier. "Occult Myxomatous Embolization in the Setting of Acute Limb Ischemia." Presented at Midwest Vascular Surgical Society, September 13, 2018, St. Louis, MO

Urology

Sadowski D – Medicare Patients Less Likely to undergo penile Prosthesis Implantation After radical Cystectomy, SMSNA: November 8-11, 2018, Miami, FL

Ring J– Long Term Complete Outcomes of Concurrent Tachosil Grafting with inflatable Penile Prosthesis Placement. SMSNA: November 8-11, 2018, Miami, FL

Holland B– A Perspective Study to Examine the Association of the Urinary and Fecal Microbiota with Lower Urinary Tract Symptoms Using 16sRNA Gene Analysis, AUA Annual Meeting. May 3-6 2019, Chicago, IL

Vascular

RESEARCH

Dermatology

Berry, Blaise, Bowers, Buescher, Larson, Minielly, Schnietz, Song (Yan), Parker. A Multicenter, Open Registry of Patients with Psoriasis Who Are Candidates for Systemic Therapy Including Biologics

Berry, Blaise, Bowers, Buescher, Larson, Minielly, Schnietz, Song (Yan), Parker, Wilson. A Multi-Center, Randomized, Double-Blind, Placebo- and Active Comparator-Controlled Phase 3 Study with Randomized Withdrawal and Retreatment to Evaluate the Efficacy and Safety of BMS-986165 in Subjects with Moderate-to-Severe Plaque Psoriasis

Berry, Blaise, Bowers, Buescher, Konopka (added in July), Larson, Minielly, Schnietz, Song (Yan), Parker. Corona Psoriasis (PSO) Registry

Berry, Blaise, Bowers, Buescher, Larson, Minielly, Schnietz, Song (Yan), Parker, Wilson. A Dose-Ranging, Double-Blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of Tezepelumab Alone or Combined With Topical Corticosteroids in Moderate-to-Severe Atopic Dermatitis

Berry, Blaise, Bowers, Buescher, Larson, Minielly, Schnietz, Song (Yan), Parker, Wilson. A Phase 3 Randomized, Double-Blind, Double-Dummy, Placebo-Controlled, Parallel Group, Multi-Center Study Investigating the Efficacy and Safety of PF-04965842 and Dupilumab in Comparison with Placebo in Adult Subjects on Background Topical Therapy, with Moderate to Severe Atopic Dermatitis

Endocrinology

Williams V, Tarabichi U, Ansari MJ, Abdellakrim J, and Jakoby M. 18-271: Impact of Perioperative Dexamethasone on Glycemic Control and Clinical Outcomes in Patients with Type 2 Diabetes Mellitus Undergoing Total Hip Arthroplasty


Infectious Disease

Koirala J, Chua F, Pervin N – Memorial Medical Center Foundation Grant (2019 – 2020). Antibiotics Synergy Testing Against XDR/MDR Pseudomonas and Acinetobacter ($10,131) [J. Koirala PI] [F. Chua and N. Pervin Co-Investigators]


Sundareshan V, Chua F, Koirala J – A Prospective, Randomized, Double-Blind, Multicenter, Phase 3 Study Assess the Safety and Efficacy of Intravenous Ceftolozane/Tazobactam Compared with Meropenem in Adult Patients with Ventilated Nosocomial Pneumonia [Sundareshan, Vidya PI] [Koirala, Janak Co-Investigator] : closed

Internal Medicine

Bhandari B. Esmolol vs. Diltiazem for rate control in patients with Atrial Fibrillation with RVR Retrospective study that is approved by IRB where we are studying the timing of successful rate control in patients with Afib RVR who received esmolol vs diltiazem. Currently collecting data for the project.

Neurology


Ibrahim F, Murr N, Al Sawaf A. The SIU Neuroscience Institute Epilepsy Center Clinical Registry. Grant Pending: Approved December 7, 2018.

Siddiqui F, Jahangir N, Lanzotti N. Using Already Validated Ischemic Stroke Outcome Prediction Tools to Predict Long-Term Patient Outcomes when Utilizing Mechanical Thrombectomy to Treat Ischemic Stroke. Approved March 6, 2019, Expires March 6, 2020.


Allam H, Abbas A. Is elevated troponin level at initial presentation associated with an increased risk of symptomatic intracerebral hemorrhage? Approved February 18, 2019, expired February 18, 2020.

OB/GYN

Abrams R, Pratt K. Amniotic Fluid Index (AFI) vs. Maximum Vertical Pocket (MVP) for the Assessment of Oligohydramnios (IRB# 17-024)

Brard L, Pratt K. Biomarkers for Endometrial and Ovarian Cancer (IRB# 16-493)

Brard L, Hyon K. Modifiable Factors Associated with Endometrial and Cervical Cancer Disparities in Downstate Illinois (IRB# 16-460)

Brard L, Hyon K. Addressing Rural Cancer Health Disparities: A Siteman Cancer Center-SIU School of Medicine Initiative (IRB# 15-359)

Braundmeier-Fleming A, Palencia L, Nguyen L. Endometriosis and the Microbiome (IRB# 14-220)

Braundmeier-Fleming A, Gong J, Addo J. Preterm Birth and the Microbiome (IRB# 14-185)


Horberg JV, Shervin D, Graham RD, Stumpf M, Allan DG. Prosthetic Joint Infection after Polyethylene Exchange for Accelerated or Uneven Polyethylene Wear.

Horberg JV, Danielsky P, Enright D, Allan DG. Short versus Conventional Stems in Anterior Total Hip Arthroplasty.

Graham RD, Allan DG. Stabilizing Euglycemia in Diabetic Ketoacidosis: retrospective Comparison of Full vs Reduced – rate Insulin Infusion.


Wilson CJ, Pedicle Screw Contamination During Spine Surgery.

Wilson CJ, Gabriel KR. The use of Betadine, Hydrogen Peroxide and Vancomycin in Decreasing Time Dependent Pedicle Screw Contamination.

Beason AM, Mailey B. Evaluation of the Anterior Scalene Muscle Block in the Diagnosis of Thoracic Outlet Syndrome and as a Predictor of Post-Operative Improvement.

Beason AM, Hitt C. Verification of Proficiency in Basic Skills for Postgraduate Year 1 Surgical Residents.

Beason AM, Cagle PJ. Interobserver and Intraobserver Reliability of the Walch Classification in Magnetic Resonance Shoulder Imaging.

Beason AM, Saleh K. A Retrospective Post-Operative Radiographic Assessment of a Posterior-Stabilized Knee Prosthesis in Total Knee Arthroplasty.

Pediatrics

Basnet S, Khanal A. Effects of Potassium Infusions on Serum Levels in Children During Treatment of Diabetic Ketoacidosis.


Patel N, Volle M, Modeling SIDS Prevention Safety Measures on the Pediatric Inpatient Unit.

Basnet S, Komeshwaran K. Antimicrobial Conversion Policy.

Basnet S, Khanal A. Impact of Respiratory Therapists Driven Albuterol Weaning Protocol on Length of Hospital Stay and Duration of Weaning In Children with Acute Severe Asthma (Status Asthmaticus).

Caprillo G, Lorenzo J. Intensive Care Unit (PICU) and Seen by Pediatric Pulmonology.
Resident/Fellow Research

Ghaiw H, El Jerbi A. Prevalence of Intracardiac Echogenic Foci in Fetuses Exposed to THC

Tripathy S, Khanal A. Fluid Stewardship Quality Improvement Project

Patterson J, Malhotra M, Lorenzo J. Improving Parental Understanding of Well Child Visits in Children Aged 0-48 Months by Educating Families

Patterson J, Malhotra M, Lorenzo J. Improving Continuity Clinic Follow-up for Routine Well Child Checks for ages 0-24 months by Emphasizing Structured Family Awareness and Resident Education

Saleh E, Schweber J. Implementation of Pediatric Intravenous to Oral/Enteral

Majina R, Hulyalkar M. Improving accuracy and reliability of blood pressure measurements for monitoring and screening of HTN inpatient at SJH

Patel N, Lorenzo J. Retrospective review of pediatric patients diagnosed with Postural Tachycardia Syndrome who received Propranolol vs. conservative management


Chaudhary S, Goecckner J. Rapid Strep Tests Used in Children Less than 3 Years Old

Ghai H, Kulsum-Mecc N, Anudu A, Murphy M, Stark C. Evaluation of changes in left ventricular structure, mass, and function with established diagnosis of hypertension in children using echocardiography

Ghaiw H, Goecckner J, Frey A. Investigating therapeutic options for pediatric patients with low HDL levels

Majiga V, Emmons Z. Clinical relevance of time to positivity of Coagulase negative staphylococcus in blood culture

Ahamed F, Berg C. Incidence and Severity of Hyperbilirubinemia in Neonates Treated with Therapeutic Hypothermia

Tripathy S, Miller G. Evaluate how students score on their pediatric CCX cases after their third year clerkship and with their cumulative/senior CCX

Nimavat D, El Jerbi A. Universal Umbilical Cord Gas Analysis: What happens to the result?

Miner M, Lukert N. Qualitative Assessment of Patient’s Choice to Be Seen in an Urgent Care Setting vs. Resident Ambulatory Clinic at SIU Pediatrics

Johnson M, Miller J. Airway Collapse on Pulmonary Function Tests in Those with Asthma

Porayette P, Bernales A. KUB Post Bowel Cleanout is it Necessary

Patel N, Mosleh E. Inpatient Consults: Introducing an Institution-Specific Consult Tool to Increase Efficiency and Confidence among Pediatric Residents and Medical Students

Ghaiw H, Anudu A. The Effect of Atrial Septal Defects on the Development of Bronchopulmonary Dysplasia in Premature Infants

Basnet S, Khanal A. Respiratory Therapists Driven Asthma Weaning Protocol on Length of Stay and Duration of Wean in Critically ill children with Acute Severe Asthma Exacerbation: A Retrospective Study

Basnet S, Khanal A. Effects of potassium supplementation on serial potassium levels in children with diabetic ketoacidosis.

Plastic Surgery

Ruebhausen M, Neumeister M. Bioengineered Skin: An Approach to Heal Full Thickness Skin Defects.


Daugherty T, Neumeister M. New Antimicrobial Agents to Eradicate Infection.

Daugherty T, Neumeister M, Sommer N. Adipose Derived Stem Cells Differentiate Into Epithelial Stem Cells: A Possible Mechanism for Skin Improvement in Radiation and Burns.

Daugherty T, Neumeister M. Anatomic Cadaver Study of Nerves in the Hand for Targeted Muscle Reinnervation for Prophylactic Neuroma Prevention to Decrease Opioid Use


Bruce W, Neumeister M. New Antimicrobial Agents to Eradicate Infection

Psychiatry

Wolf KM, Ottino B, Takahashi A, Chakrabarty A, Jensen G†, Nelson C**. “Project ECHO (Extension for Community Healthcare Outcomes).” The SIU-IHI Opioid ECHO Hub is part of the Illinois Health and Hospital Association (IHA), Michigan Health & Hospital Association (MHA), and Wisconsin Hospital Association (WHA) Great Lakes Partners for Patients Initiative. P.I.: Kari Wolf, MD

Bennett J, PI, Shrestha S Co-P, Alluri V Co-PI, jia S, Co-PI, Janssen Pharmaceutical study on “A Study of Intranasal Esketamine Plus an Oral Antidepressant for Relapse Prevention in Adult Participants With Treatment-resistant Depression”

Surgery


Shackleton, Knight, Wietfeldt MD, N Engelking RN, J Thiele MD, J Rakinic MD. Incidence of adenoma in normal risk patients younger than 50 higher than previously reported.

Shackleton, Knight, Pacheco, Rakinic, Thiele, Wietfeldt, Engleking. Colorectal cancer screening in average risk patients younger than 50, is it justified?
**Resident/Fellow Research**

**Urology**


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

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


**Holland B**, McVary, Dynda. Rezum system vs. Medical Therapy (MTOPS) to treat symptomatic LUTS: A Data Analysis. Non-human research determination. 16-567

**Holland B**, Tadros, Dynda, El-Zawahry, Delfino. Urinary Retention Improvement from Minimally Invasive Prostate Convective Water Vapor Energy Ablation (Rezum). Expedited. 16-583.


**Vascular**

**Pl** - Hodgson, Sub-I - Hood, Participating Clinicians – **Caldwell, Naddaf**. Lombard Medical, Prospective Aneurysm Trial: High Angle Aorfix Bifurcated Stent Graft (Pythagoras Study)


**Pl** - Hood, Sub-I’s – Hodgson, Hasana, Participating Clinicians – **Choudry, Naddaf, Nanavati, Zhang**. Bayer Healthcare Pharmaceuticals Inc., 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.

**Pl** - Hasana, Resident – **Nanavati**. New Algorithm for CT Surveillance Following EVAR Based on Institutional Outcomes

**Pl** - Hasana, Residents - **Naddaf and Zhang**. Predictors of Common Femoral Artery Access Major Complications

**Pl** - Hasana, Resident-Zhang. Comparison of Venous Thromboembolism with Prophylactic Inferior Vena Cava Filter versus none in High Risk Trauma Patients

**Pl** - Hasana, Resident-Nanavati. An evaluation of link between discharge disposition and increased morbidity and mortality for transfemoral and trans-tibial amputations in ACS

**Pl** - Hasana, Residents - **Naddaf, Zhang**. Outcomes of Three Different Anesthesia Modalities in Hemodialysis Access Surgery

**Pl** - Hood, Resident – **Choudry**. Benefits of Intraoperative Vein Mapping in Patients Requiring Long-term Hemodialysis

**Pl** - Hood, Resident – **Choudry**. Infragenual revascularization: geographical disparities in intervention

---

