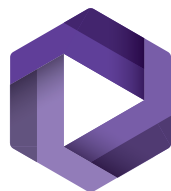


**2017-2018
Graduate Medical
Education
Annual Report**



SIU SCHOOL
of MEDICINE

Message from the Chair

2018 marks my 15th year as SIU School of Medicine GMEC chair. Preparing this report has led me to reflect on the many changes that have occurred over that time. Our GME programs have grown in number and scope. We have strengthened our relationship with long-time hospital partners and formed new affiliations and partnerships. The GME standards and expectations established by the public and accrediting bodies have grown exponentially. In addition to ensuring that our graduates leave us with sound medical knowledge and the ability to provide good clinical care, we must also ensure that they are skilled in all aspects of communication, patient safety, health care quality, and the recognition and mitigation of health care disparities. Programs are held accountable for the quality of the clinical learning environments and for the well-being of trainees. Our programs have risen to this challenge as they provide outstanding preparation in the scientific, clinical and humanistic aspects of medicine. Each of our programs brings its own unique contributions to help

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



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

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 2017-2018 academic year is included below.

Chair

Karen Broquet, MD

Legal Counsel

Jennifer Graham, JD

Erica Nelson, MD

Ryan Pate, MD

Janet Patterson, MD

Faculty

Sandra Ettema, MD

Harald Lausen, DO, AOA Director

David Jeong, MD

Paula Mackrides, DO, AOA Director

Laura Shea, MD

Program Coordinator

Ruth Stark

Program Directors

Devin Amin, MD

John Becker, MD

Sacharitha Bowers, MD

Careyana Brenham, MD

Dana Crosby, MD

Douglas Hood, MD

Jessie Junker, MD

Roger Kim, MD

Janak Koirala, MD (Fellowship)

Ranjiv Matthews, MD

Thomas Miller, MD

Najib Murr, MD

Quincy Scott, DO

Santosh Shrestha, MD

Nicole Sommer, MD

Vidya Sundareshan, MD (Fellowship)

Andrew Varney, MD

James Waymack, MD

Hospital Administrators

Rajesh Govindaiah, MD,

CMO Memorial

Shanna Hull, HSHS St. John's

Gurpreet Mander, MD,

CMO HSHS St. John's

Residents

Tyler Fulks, MD

Breck Jones, MD

Daniel Ryan, MD

Jacob Scheer, MD

Jennifer Schuermann, MD

Nader Tehrani, MD

Waiz Wasey, MD

Graduate Medical Education Committee

REVIEW OF INSTITUTIONAL PERFORMANCE 2017-2018

Review of Program Performance

ACGME Resident Surveys
ACGME Faculty Surveys
SIU SOM End of Year Evaluations
Clinical & Educational Work Hour Compliance
Annual Program Evaluations / Action Plans
Annual Accreditation Letters and Citations
Monitoring of Transitions of Care

Internal Reviews

Orthopaedic Surgery
Neurological Surgery
Urology
General Surgery

Special Reviews

Plastic Surgery

Revised Policies and Procedures

Away Rotations / Elective and Required
Moonlighting
Prescription Writing
Recruitment of Vacant Positions
Resident Transfers
Resident Well-Being

Reviewed

Program Director Job Description
Program Coordinator Job Description

Leadership Development

8 new Program Directors
8 new Program Coordinators

GMEC Annual Institutional Goals

GOAL 1

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

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

GOAL 2A/2B

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

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

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

Continued on next page

GMEC Annual Institutional Goals

GOAL 3

Improve the level of faculty and resident scholarly activity

A GMEC subcommittee on scholarly activity was established. Each program received a review and feedback on their scholarly activity. A Scholarly Activity Readiness Metric and Resource list was

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

Learning Climate Comparison														
ACGME program data reported in % compliant responses	SIU End of Year Evaluation (completed May-June)					ACGME Resident Survey (completed Jan-March)								
	Ability to express concerns without fear					Faculty and Staff Interested in Education			Process to deal with problems and concerns			Residents can raise concerns without fear		
	% Poor/Fair	% Good/Excellent	% Poor/Fair	% Good/Excellent	% Δ in G/E	National Average		Δ	National Average		Δ	National Average		Δ
85%	85%	81%	81%	82%	82%									
Program*	AY 17		AY 18			AY 17	AY 18	Δ	AY 17	AY 18	Δ	AY 17	AY 18	Δ
Dermatology	50	50	40	60	↑	100	83	↓	100	17	↓	80	33	↓
Emergency Medicine	29	71	27	73	↑	100	94	↓	83	89	↑	89	89	=
Endocrinology	0	100	33	67	↓	100	100	=	75	75	=	75	75	=
FCM - Carbondale	50	50	20	80	↑	93	93	=	86	93	↑	57	71	↑
FCM - Decatur	44	56	50	50	↓	93	100	↑	87	87	=	87	87	=
FCM - Quincy	25	75	29	71	↓	88	94	↑	65	53	↓	59	47	↓
FCM - Springfield	23	77	11	89	↑	90	93	↑	83	90	↑	69	76	↑
Internal Medicine	25	75	29	68	↓	37	61	↑	53	64	↑	55	78	↑
Med/Psych	33	67	12	88	↑	71	88	↑	14	75	↑	86	88	↑
Neurology	50	50	100	0	↓	58	67	↑	58	83	↑	50	58	↑
Neurosurgery	-	-	67	33	-	-	50	-	-	50	-	-	50	-
OB/GYN	0	100	14	86	↓	93	100	↑	100	100	=	100	93	↓
Orthopaedics	0	100	46	54	↓	94	88	↓	88	75	↓	88	69	↓
Otolaryngology	0	100	22	78	↓	89	80	↓	56	60	↑	78	90	↑
Pediatrics	29	71	7	93	↑	86	86	=	71	76	↑	76	86	↑
Plastic Surgery	15	85	25	75	↓	100	100	=	73	100	↑	91	100	↑
Psychiatry	27	73	36	64	↓	75	87	↑	50	80	↑	50	67	↑
Pulmonary	25	75	0	100	↑	100	100	=	83	100	↑	83	100	↑
Radiology	44	56	17	83	↑	83	100	↑	42	58	↑	42	58	↑
Surgery	15	85	0	100	↑	89	100	↑	84	84	=	95	95	=
Urology	14	86	0	100	↑	75	83	↑	50	100	↑	25	100	↑
Vascular Surgery	0	100	0	100	=	100	100	=	100	100	=	100	100	=
All Programs/Institution	22	78	23	77	↓	83	88	↑	72	79	↑	72	78	↑
ACGME KEY					Falls below national average of % compliant responses									

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

Academic Programs & Accreditation

ACADEMIC PROGRAM OVERVIEW		
	Springfield	Affiliates
# Residents & Fellows	277	53
# Accredited Residency Programs	17	3
# Accredited Fellowship Programs	7	2
# Non-Accredited Fellowships	1	N/A
# Programs ACGME/AOA Accreditation*	1	2
*Osteopathic Recognition is a designation conferred by the ACGME's Osteopathic Principles committee upon ACGME-accredited programs that demonstrate commitment to teaching and assessing Osteopathic Principles and Practice (OPP) at the graduate medical education level. All three of our dually accredited Family Medicine programs are now recognized.		

PROGRAM ACCREDITATION STATUS		
Program Name	Accreditation Status	First Self-Study Due Date
Dermatology	Full	6/2023
Emergency Medicine	Full	9/2022
FCM - Carbondale	Full	6/2018
FCM - Decatur	Full	10/2018
FCM - Quincy	Full	8/2019
FCM - Springfield	Full	10/2018
Internal Medicine	Full	10/2020
Med/Psych	N/A	N/A
Neurological Surgery	Full without Outcomes	1/2025
Neurology	Full	11/2019
OB/GYN	Full	6/2020
Orthopaedics	Full	1/2022
Otolaryngology	Full	2/2019
Pediatrics	Full	4/2021
Plastic Surgery	Full	5/2019
Psychiatry	Full	4/2023
Radiology	Full	11/2022
Surgery	Full	2/2024
Urology	Full	6/2020
Vascular Surgery - Integrated	Full	2/2024
Fellowships		
Adult Reconstructive Surgery	Full	1/2022
Carbondale Sports Medicine	Full	6/2018
Child Psychiatry	Full	4/2023
Colon & Rectal Surgery	Continued with Warning	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
Other		
Institution	Full	10/2026

Resident Satisfaction with Training

PROGRAMS*	Resident Satisfaction with Training						
	SIU End of Year Evaluation				ACGME Resident Survey		
	Your overall satisfaction with the educational environment of your program		I would recommend my training program to a friend		Overall evaluation of program		
	Number of Responses				Percentage of responses		
	Poor/Fair	Good/Excellent	Strongly Disagree / Disagree	Agree / Strongly Agree	Very Negative / Negative	Neutral	Positive / Very Positive
1-2	3-4	1-2	3-4				
Dermatology	0	5	0	5	0%	0%	100%
Emergency Medicine	0	15	0	15	0%	0%	100%
Endocrinology	1	2	0	3	0%	25%	75%
FCM - Carbondale	3	2	0	5	0%	7%	93%
FCM - Decatur	0	4	0	4	0%	0%	100%
FCM - Quincy	1	6	0	7	6%	18%	77%
FCM - Springfield	2	17	0	19	0%	14%	87%
Internal Medicine	7	21	6	19	8%	14%	78%
Med/Psych	1	7	2	6	0%	0%	100%
Neurological Surgery	1	2	0	3	25%	25%	50%
Neurology	2	0	1	1	17%	0%	84%
OB/GYN	1	7	1	6	0%	0%	100%
Orthopaedics	4	9	7	6	6%	6%	88%
Otolaryngology	1	8	1	8	10%	20%	70%
Pediatrics	1	14	0	15	10%	10%	81%
Plastic Surgery	0	4	0	4	0%	0%	100%
Psychiatry	3	8	1	9	7%	7%	87%
Pulmonary	0	3	0	3	0%	0%	100%
Radiology	0	6	0	6	0%	25%	75%
Surgery	0	12	0	12	0%	21%	79%
Urology	0	6	0	6	0%	0%	100%
Vascular	0	4	0	4	0%	0%	100%
All Programs/Institution	28	162	19	166	4%	9%	87%

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

Board Exam Performance

	RRC Requirement First Time Pass Rate & Time Frame	RRC Requirement for Percent of Graduates Must Take Exam#	2017-2018	
			Board Pass Rate	
			Part I	Part II
Dermatology	90% of graduates who take last 4 years	90% from last 4 years must take	100%	
Emergency Medicine	80% of graduates who take last 5 years	No requirement	96%	100%
FCM - Carbondale	90% of graduates who take last 5 years	95% eligible graduates from last 5 years must take	93%	
FCM - Decatur	90% of graduates who take last 5 years	95% eligible graduates from last 5 years must take	100%	
FCM - Quincy	90% of graduates who take last 5 years	95% eligible graduates from last 5 years must take	87%	
FCM - Springfield	90% of graduates who take last 5 years	95% eligible graduates from last 5 years must take	96%	
Internal Medicine	80% of graduates who take last 3 years	80% from last 3 years must take	86%	
Med/Psych	See Int Medicine & Psychiatry	See Int Medicine & Psychiatry	100%*	100%**
Neurological Surgery	80% of takers from last 5 years (written) 80% of graduates who take last 5 years (oral)	No requirement	N/A	N/A
Neurology	75% graduates who take last 5 years	80% eligible graduates from last 5 years should take	91%	
OB/GYN	80% of graduates who take last 3 years	80% from last 3 years must take	100%	
Orthopaedic Surgery	80% eligible graduates last 5 years (Part I) 75% eligible graduates last 5 years (Part II)	No requirement	100%	100%
Otolaryngology	85% eligible graduates last 5 years (qualifying) 95% eligible graduates last 5 years (oral)	No requirement	75%	
Pediatrics	70% of graduates who take last 5 years	No requirement	86%	
Plastic Surgery	70% of graduates who take (qualifying) 60% of graduates who take (certifying)	No requirement	100%	100%
Psychiatry	70% graduates who take last 3 years	70% from last 3 years should take	100%	
Radiology	90% of residents/graduates who take last 5 years	No requirement	100%	
Surgery	65% of residents or graduates who take last 5 years (qualifying), 65% residents or graduates who take last 5 years (certifying)	No requirement	100%	62%
Urology	80% of graduates who take last 3 years	No requirement	100%	100%
Vascular Surgery	65% graduates who take last 5 years	No requirement	100%	100%
FELLOWSHIPS				
Adult Recon	No requirement	No requirement	N/A	
Carbondale Sports Medicine	75% of graduates who take last 5 years	75% eligible graduates must take	100%	
Child Psychiatry	50% graduates last 5 years	70% from last 5 years should take	100%	
Colorectal Surgery	70% of graduates who take last 5 years	70% from last 10 years must take	100%	40%^
Endocrinology	80% of graduates who take last 5 years	80% eligible graduates should take	100%	
Hand Surgery	No requirement	No requirement	N/A	
Infectious Diseases	80% of graduates who take last 5 years	80% eligible graduates should take	100%	
Pulmonary Medicine	80% of graduates who take last 5 years	80% eligible graduates should take	85%	
Quincy Sports Medicine	75% of graduates who take last 5 years	75% eligible graduates must take	75%	
KEY				
Board Pass Rate with RRC Requirements	Meets or exceeds RRC Requirement	Within 20% of RRC Requirements	Below 20% of RRC Requirement	

* Internal Medicine Boards

**Parts I & II Psychiatry Boards

^100% pass rate over past 3 years

Feedback, Teaching & Supervision

PROGRAMS*	SIU End of Year Evaluation Data reported = total number of responses						ACGME Resident Survey		
	Full Time Faculty Teaching Skills		Full Time Faculty Provision of Feedback		Full Time Faculty Adequate and Prompt Supervision		Sufficient Instruction	Satisfied with feedback after assignments	Sufficient Supervision
	Poor/Fair	Good/Excellent	Poor/Fair	Good/Excellent	Poor/Fair	Good/Excellent			
	1-2	3-4	1-2	3-4	1-2	3-4	ACGME program data reported in % compliant responses; national average is shown directly below.		
							86%	72%	92%
Dermatology	0	5	0	5	0	5	83%	67%	100%
Emergency Medicine	0	15	0	15	0	15	100%	94%	100%
Endocrinology	0	3	1	2	0	3	100%	25%	100%
FCM - Carbondale	1	4	1	4	1	4	79%	71%	86%
FCM - Decatur	0	4	0	4	0	4	100%	93%	100%
FCM - Quincy	0	7	2	5	0	7	88%	71%	94%
FCM - Springfield	0	19	0	19	0	19	90%	79%	93%
Internal Medicine	6	22	4	24	2	26	78%	58%	89%
Med/Psych	1	7	1	7	1	7	88%	88%	100%
Neurological Surgery	0	3	1	2	0	3	75%	50%	100%
Neurology	2	0	2	0	1	1	83%	67%	100%
OB/GYN	1	7	1	7	1	7	100%	93%	100%
Orthopaedics	0	10	1	9	0	10	88%	88%	100%
Otolaryngology	0	9	1	8	0	9	80%	40%	100%
Pediatrics	1	14	2	13	0	15	76%	33%	81%
Plastic Surgery	0	4	0	4	0	4	100%	100%	100%
Psychiatry	2	9	2	8	3	8	87%	73%	93%
Pulmonary	0	3	0	3	0	3	80%	80%	100%
Radiology	0	6	0	6	0	6	100%	75%	100%
Surgery	0	12	5	7	0	12	95%	58%	100%
Urology	0	6	0	6	0	6	100%	100%	100%
Vascular	0	4	0	4	0	4	100%	100%	100%
All Programs/Institution	14	173	24	162	9	178	88%	72%	95%

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

Trainee Research Symposium Winners

RESIDENT/FELLOW WINNERS OF THE 2018 SIU SCHOOL OF MEDICINE TRAINEE RESEARCH SYMPOSIUM				
Award	Resident/Fellow	PGY / Program	Mentor	Title
1st Place:	Rawan Musaitif, MD	PGY3 Pediatrics	Sangita Basnet, MD	<i>Effect of Potassium Infusions on Serum Levels in Children During Treatment of Diabetic Ketoacidosis</i>
2nd Place:	Amir Khan, MD	PGY4 General Surgery	Sabha Ganai, MD	<i>Adjacency of Rural County of Residence to an Urban County May Determine Survival for Stage 1 Pancreatic Cancer</i>
3rd Place:	Ashley Butlin, MD	PGY4 OB/GYN	Yahia Zeino, MD	<i>Prophylactic Salpingectomy Analysis: A Risk Reduction Procedure for Ovarian Cancer</i>

CLER: Clinical Learning Environment

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
- ◆ health care quality, including health care disparities
- ◆ transitions of care
- ◆ supervision
- ◆ clinical and educational work hours/fatigue management and mitigation
- ◆ professionalism
- ◆ physician well-being

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

71 Residents & Fellows completed LEAN/ Six Sigma/ TeamSTEPPS Training

92 Residents & Fellows participated in Mock Root Cause Analysis (RCA) Sessions held in March and April 2018

10 Hospital RCAs with 17 resident participants

Patient Safety & Quality Improvement

The GMEC [quality and patient safety learning and behavioral objectives](#) were updated and adapted by the GMEC in August 2017. The Mock RCA session was revised in March 2018, to better reflect the process that the Springfield hospitals use in their patient safety investigations. The GMEC institutional quality and patient safety curriculum has transitioned from a didactic lecture based series to a resource library. The resource library offers a variety of topics and delivery methods that allows programs to utilize the method that works best for them. Training and education in how to disclose adverse events to patients and families has been expanded with new offerings available to programs in fall 2018.

The second annual [SIU SOM Resident Quality Improvement Poster Competition](#) was held February 19, 2018. The goal of this event is to recognize the quality improvement work being done by SIU School of Medicine residents and fellows. Seventeen outstanding posters were displayed and judged at an evening event that was made possible by a grant from the Memorial Medical Center Foundation.

The winning posters for the event were as follows:



*Dr. Shreya Lankala, Emergency Medicine
"Cost of Quality Waste from Inappropriate Urine Culture Testing in the Emergency Department"*

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

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



*Dr. Mishika Malik, Pediatrics
"Less Methadone and a Shorter Stay: Improving Care for Infants with Neonatal Abstinence Syndrome"*

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

CLER: Clinical Learning Environment Review (cont)

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

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



Dr. Kris Chang, Pediatrics
"Assessing the Benefit and Feasibility of Buzzy Implementation During Immunization Administration in Resident Clinic"

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

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

	SIU End of Year Evaluation		ACGME Resident Survey	
	Balance of time between clinical learning activities & didactic learning activities		Appropriate balance between education and other clinical demands	Education (not) compromised by excessive reliance on non-physician obligations
	Data = total # of responses			
	Poor/Fair	Good/Excellent	ACGME program data reported in % compliant responses; national average is shown directly below.	
PROGRAMS*	1-2	3-4	80%	75%
Dermatology	2	3	50%	33%
Emergency Medicine	0	15	100%	100%
Endocrinology	1	2	100%	100%
FCM - Carbondale	4	1	86%	79%
FCM - Decatur	0	4	93%	87%
FCM - Quincy	0	7	82%	71%
FCM - Springfield	4	15	83%	76%
Internal Medicine	9	19	61%	75%
Med/Psych	3	5	38%	75%
Neurological Surgery	0	2	100%	50%
Neurology	1	1	50%	92%
OB/GYN	1	7	100%	100%
Orthopaedics	2	11	94%	94%
Otolaryngology	2	7	90%	70%
Pediatrics	0	15	76%	81%
Plastic Surgery	1	3	100%	100%
Psychiatry	3	8	87%	80%
Pulmonary	0	3	100%	80%
Radiology	0	6	100%	92%
Surgery	0	12	89%	79%
Urology	0	6	100%	100%
Vascular	0	4	100%	80%
All Programs/Institution	33	156	83%	83%

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

<u>Program Coordinator Development Topics</u>	<u>Program Director Development Sessions</u>	<u>Resident/Fellow Live Sessions & Online Modules</u>
<ul style="list-style-type: none"> ◆ Annual Program Evaluation ◆ EHR Onboarding ◆ ERAS Tips ◆ J-1 Visas & Employment Authorization ◆ Medicare / Medicaid enrollment ◆ Milestones, Case Logs, and CCC Meetings ◆ National Resident Matching Program ◆ New Innovations ◆ New Resident Orientation - GME ◆ Quality Improvement & Patient Safety Activities ◆ Record Keeping / Resident Files ◆ Recruitment ◆ Resident Orientation, Exiting, Conference Schedules ◆ Scholarly Activity ◆ WebADS Annual Update 	<p>2018:</p> <ul style="list-style-type: none"> ◆ Programmatic Aspects of Resident Performance Assessment ◆ Program Director's Guide to Coaching and Mentoring <p>2017:</p> <ul style="list-style-type: none"> ◆ Conflict Management ◆ Competency Based Assessment Systems & Milestones <p>2016:</p> <ul style="list-style-type: none"> ◆ Going Ape for APE ◆ The Resident in Academic Difficulty <p>2015:</p> <ul style="list-style-type: none"> ◆ Improving our Learning Environment <p>2014:</p> <ul style="list-style-type: none"> ◆ Competency Based GME 	<ul style="list-style-type: none"> ◆ Employment Contracts and Financial Planning ◆ Introduction to Professionalism ◆ Medical Legal Partnerships ◆ Patient Safety & Communication ◆ Professional Boundaries & Social Media ◆ Residents as Teachers ◆ Root Cause Analysis ◆ Sleep Deprivation & Fatigue Education ◆ Supervision of Residents ◆ Understanding Wellness, Stress, and Impairment in Physicians

New Resident / Fellow Orientation Overview

<ul style="list-style-type: none"> ◆ 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 	<ul style="list-style-type: none"> ◆ 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
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House Staff Board of Directors

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



A Message from the HS Board of Directors President:

The House Staff Board of Directors (HSBOD) is a group of residents that meets regularly in order to address any issues that are pertinent to residency and training. Each residency program selects two residents to serve as representatives to the HSBOD. This past year, the ACGME and SIU mid-year and end-of-year survey results were thoroughly reviewed. HSBOD worked closely with administration of both Springfield hospital systems, Memorial Medical Center and HSHS St. John's Hospital, to address all areas of concern, ranging from availability of sleep rooms to health insurance. Specifically, as EHR documentation pervades the future of medicine, we were able to provide suggestions for incoming trainees to efficiently utilize it as a tool. Overall, residents of all programs were encouraged by their experiences and felt confident in the training they were receiving. To further complement continuing medical education, much feedback was provided on all forms of violence and the effects on providing medical care to patients. The HSBOD also assists in the management of the Resident Resource Fund, available to all residents for the purpose of assisting with financial expenses related to any and all medical education opportunities such

as away rotations, conferences, and educational materials. We were able to finalize the application process and provide guidelines for consideration. It was enlightening and encouraging to review the multitude of applications and ultimately approve awards.

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

Asiya Mohammed
Family Medicine PGY2
President, SIU HSBOD

Faculty National Leadership

Colon & Rectal Surgery

Jan Rakinic, MD

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

Family & Community Medicine – Quincy

Paula Mackrides, DO

Delegate, American Osteopathic Association House of Delegates; Delegate, American College of Osteopathic Family Physicians Congress of Delegates; Governing Board Member, Osteopathic Post-Graduate Training Institute (OPTI – AT Still)

Family & Community Medicine – Springfield

Wendi El-Amin, MD

Chair, Women's Health Section, National Medical Association; Board Member, National Commission on Correctional Health Care

Dae Jeong, MD

Medical Chairman, World Taekwondo Federation; Continental Medical Chairperson, Pan-American Taekwondo Union; Venue Medical Officer, Bobsleigh Game, 2018 Pyeongchang Winter Olympics and Paralympics Organizing Committee

Harald Lausen, DO

Chair, Bureau of Osteopathic Education, American Osteopathic Association; Intensive Board Review, American College of Osteopathic Family Physicians; Faculty Development Delivered Committee for the Society for Teachers in Family Medicine

Hand Surgery

Michael Neumeister, MD

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

Infectious Diseases

Janak Koirala, MD

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

Internal Medicine

John Flack, MD

President, American Hypertension Specialist Certification Program

Susan T Hingle, MD

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

Medicine / Psychiatry

Laura Shea, MD

Illinois Alternate Delegate, American Medical Association

Neurology

Rodger Elble, MD

Chair, Tremor Study Group, International Parkinson and Movement Disorder Society

Najib Murr, MD

Member Steering Committee, Epilepsy Foundation – National Epilepsy and Awareness Collaborative (NEEAC) Community of Practice; Editorial Board Member & Editor in Chief for Epilepsy section of StatPearls

Otolaryngology

Carol Bauer, MD

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

Pediatrics

Glen Aylward, PhD

Associate Editor, J Dev Behav Pediatrics

Sangita Basnet, MD

Immediate Past President, America Nepal Medical Foundation

Doug Carlson, MD

Chair ABP Credentials Committee, Subboard on Pediatric Hospital Medicine

Michelle Miner, MD

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

Janet Patterson, MD

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

Plastic Surgery

Nicole Sommer, MD

Oral Board Examiner, Chair of Women in Academic Surgery Committee

Radiology

Nzeadi Uzochukwu, MD

Board of Directors, Strategic Radiology

Sports Medicine – Quincy

James Daniels, MD

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

(Continued on next page)

Faculty National Leadership (continued)

Surgery

Sabha Ganai, MD

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

Steve Hazelrigg, MD

Chair, Taskforce on New Technologies in Thoracic Surgery, Society of Thoracic Surgery

Roger Kim, MD

Vice-Chair, Committee on Education Technology, Association for Surgical Education; Co-Chair Education Committee, Association for Academic Surgery

John Mellinger, MD

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

Hilary Sanfey, MD

Chair, Association of Women Surgeons Foundation

Urology

Kevin McVary, MD

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

Bradley Schwartz, DO, FACS

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

Vascular Surgery

Kim J. Hodgson, MD

President Elect, Society for Vascular Surgery

2018 Outstanding Coordinator Award

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

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

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

Congrats!



Rhonda Loyd
Vascular Surgery



Stacie Skelton
Radiology

Resident / Fellow Publications

PUBLICATIONS

Dermatology

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Family & Community Medicine – Decatur

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Family & Community Medicine – Quincy

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Family & Community Medicine – Springfield

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Neurological Surgery

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Otolaryngology

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Urology

Baas W, Gershburg S, Dynda D, Delfino K, Robinson K, Nie D, Yearley JH, Alanee S. Immune Characterization of the Programmed Death Receptor Pathway in High Risk Prostate Cancer. Clin Genitourin Cancer. 2017 Oct;15(5):577-581. doi: 10.1016/j.clgc.2017.04.002. Epub 2017 Apr 10. PubMed PMID: 28461179.

Baas W, Butcher MJ, Lwin A, **Holland B**, Herberts M, Clemons J, Delfino K, Althof S, Kohler TS, McVary KT. A Review of the FAERS Data on 5-Alpha Reductase Inhibitors: Implications for Post-Finasteride Syndrome. Urology. 2018 Jun 27. pii: S0090-4295(18)30590-9. doi: 10.1016/j.urology.2018.06.022. [Epub ahead of print] PubMed PMID: 29960004.

Resident / Fellow Publications & Presentations

Baas W, Davis M, Schwartz BF. Simulation in Surgery. In: Surgeons as Educators: A Guide for Academic Development and Teaching Excellence, 1st edition, Kohler TS, Schwartz BS, (Ed) Springer International Publishing: Chapter 24, pp 439-488, 2018.

Baas W, O'Connor B, El-Zawahry A. Bilateral hydronephrosis and acute kidney injury secondary to pelvis lipomatosis. *Can J Urol.* 2018 Feb;25(1):9217-9219. PubMed PMID: 29524979.

Dynda DI, **Holland B**, Kohler TS. Optimizing Research in Surgical Residents and Medical Students. In: Surgeons as Educators: A Guide for Academic Development and Teaching Excellence, 1st edition, Kohler TS, Schwartz BS, (Ed) Springer International Publishing: Chapter 15, pp 249-264, 2018.

Gupta NK, **Ring J**, Trost L, Wilson SK, Köhler TS. The penoscrotal surgical approach for inflatable penile prosthesis placement. *Transl Androl Urol.* 2017 Aug;6(4):628-638. doi: 10.21037/tau.2017.07.32. Review. PubMed PMID: 28904895; PubMed Central PMCID: PMC5583046.

Gupta N, Rogers T, **Holland B, Helo S**, Dynda D, McVary KT. Three-Year Treatment Outcomes of Water Vapor Thermal Therapy Compared to Doxazosin, Finasteride and Combination Drug Therapy in Men with Benign Prostatic Hyperplasia: Cohort Data from the MTOPS Trial. *J Urol.* 2018 Aug;200(2):405-413. doi: 10.1016/j.juro.2018.02.3088. Epub 2018 Mar 1. PubMed PMID: 29499208.

Helo S, **Holland B**, McVary KT. Convective Radiofrequency Water Vapor Thermal Therapy with Rezūm System. *Curr Urol Rep.* 2017 Oct;18(10):78. doi: 10.1007/s11934-017-0728-1. Review. PubMed PMID: 28780635.

Holland BC, Shetty Z, Alanee S. The Effect of Targeted Therapy for Genitourinary Malignancies on Sexual Function and Fertility. *Curr Urol Rep.* 2017 Aug;18(8):65. doi: 10.1007/s11934-017-0704-9. Review. PubMed PMID: 28712040.

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Petrossian R, McVary K. Management of nocturia: An unmet need in LUTS. 1 April 2018. Vol 46 (4). <http://www.urologytimes.com/modern-medicine-feature-articles/management-nocturia-unmet-need-luts>

Sadowski DJ, Warner H, Scaife S, McVary KT, Alanee SR. 30-day all-cause hospital readmission after cystectomy: no worse for rural Medicare residents. *Urol Oncol.* 2018 Mar;36(3):89.e7-89.e11. doi: 10.1016/j.urolonc.2017.11.013. Epub 2017 Dec 14. PubMed PMID: 29249273.

Vascular Surgery

Nanavati R, Jasinski P, Adrahtas D, Gasparis A, Labropoulos N. Correlation between pelvic congestion syndrome and body mass index. *J Vasc Surg* Feb 2018;67:536-41.

PRESENTATIONS

Child Psychiatry

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

Evaluating YouTube as a source for recognizing depression: A cross-sectional study. **Nepal H**, Black E, Hudali T, Bhattarai M.

Hypothyroidism masquerading as psychosis: An unusual presentation in a 14 year old boy. **Nepal H**, Takahashi A, Bhattarai M.

Mass psychogenic illness after mega earthquake in Nepal. **Nepal H**, Black E, Hudali T, Bhattarai M.

Rizatriptan-induced mania-like symptom in a 8 year old girl. **Nepal H**, Takahashi A, Bhattarai M.

Emergency Medicine

SAEM Great Plains Regional Meeting, October 2017, Columbia, MO
Improving Emergency Department Initial Patient Assessments through Multidisciplinary Simulation. Poster. **Fulks T**, Austin R, Helmerichs M, Helmerichs A, Norman Z, Hansen E, Kegg J, dela Cruz J.

18th International Meeting on Simulation in Healthcare, January 2018 Los Angeles, CA

Using Multidisciplinary Simulation in Emergency Nursing Orientation to Improve Patient Assessments. General Session Course. dela Cruz J, Kegg J, Austin R, Helmerichs A, Helmerichs M, **Fulks T**.

Endocrinology

The Endocrine Society's 100th Annual Meeting and Expo, March 2018, Chicago, IL

An Unusual Case of Mosaic Klinefelter Syndrome Diagnosed Due to a Question of Paternity. **Elayyan A**, Jakoby M.

Hemichorea-Hemiballismus Secondary to Non-Ketotic Hyperglycemia. **Cherian M, Parks K**, Jakoby M. (Winner, Clinical Fellows Abstract Award in Diabetes).

Hypophysitis Complicating Ipilimumab Treatment of Metastatic Melanoma. **Cherian M, Bandaru S**, Jakoby M.

American College of Physicians Internal Medicine Meeting, April 2018, New Orleans, LA

Primary Hyperparathyroidism with Low Parathyroid Hormone Level Diagnosed by the Therapeutic Response to the Calcimimetic Agent Cinacalcet. **Bandaru S**, Jakoby M.

American Association of Clinical Endocrinologists 27th Annual Scientific and Clinical Congress, May 2018, Boston, MA
Hyperthyroidism due to a Partial Molar Pregnancy. **Fatima N**, Jabri H, Jakoby M.

Insulin-induced Lipoatrophy: a Rare Complication of Human Insulin. **Parveen S**, Jabri H, Jakoby M.

Intravascular Large Cell Lymphoma Diagnosed from Bilateral Adrenal Involvement. **Fatima N**, Jabri H, Jakoby M.

Transarterial Hepatic Embolization Causing Hyperglycemia in a Case of Malignant Insulinoma. **Parveen S**, Jabri H, Jakoby M.

Family & Community Medicine-Springfield

Family Medicine Midwest Conference, October 2017, Chicago, IL
Medication Reconciliation, improving the hospital reconciliation. Kreckman J, **Singhi N**.

American Academy of Family Physicians, Program Director's Workshop, March 2018, Kansas City, MO
Obesity Education in Residency. Brenham C, **Howard A, Fatoorehchi S**, and Manek M.

Infectious Disease

ID Week 2017, October 2017, San Diego, CA
Impact of Insurance and Treatment Regimens on HCV Outcome: Long term follow up study. (Abstract 67081). **Mukka M**, Akram S, Koirala J.

Resident / Fellow Presentations

Internal Medicine (also see Med/Psych and Neurology)

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

Long-term (10-Year) Mortality of ST Elevation Myocardial Infarction Patients Directly Admitted to Facilities for Primary Percutaneous Coronary Intervention vs Inter-Hospital Transfer: Impact of "Targeted" Use of Pre-Transfer Fibrinolytic Therapy. **Al-Akchar M** (third author) et al.

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

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

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

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

Anti-Hu associated Paraneoplastic Sensory Neuropathy. Poster. **Manthri S, Dwivedi K, Bandaru S,** and Sana S.

It's not a usual Blast! A rare case of disseminated blastomycosis with CNS involvement. (ACP Downstate Illinois Chapter Winner 2017). Presentation. **Gudivada SD, Kandaswamy S,** and Tyagi I.

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

Society of Hospital Medicine conference, April 2018, Orlando, FL
The use of Nalbuphine in the Treatment of Opioid-induced Urinary Retention [abstract]. **Ibrahim AM,** Adaramola D, Obaidi Z, and Onguti S.

Medicine/Psychiatry (also see Endocrinology)

American Neuropsychiatric Association Annual Meeting, March 2018, Boston, MA

A Catatonic Surprise! **Abbot N, Koester C,** Bottum K.

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

Bugs from the Brain: A Different Approach to Treating Delusional Parasitosis. **Pandey, A,** Shrestha S, Black, E.

Complete Bilateral Self-Enucleation: A Case Report. **Chakrabarty A, Hussain M, Datey-Chakrabarty A,** Black E.

Conversion Disorder ... Think Again! Poster. **Abbot N,** Bottum K.

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

Neurology

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

Eight-and-a-half syndrome in a post renal transplant patient. Abstract accepted for poster. **Mian N,** Abdelhak T.

Ipilimumab induced auto-immune Hypophysitis. Abstract and Poster. **Mian N, Rukmangadachar L,** Choucair A.

Nivolumab Induced Auto-immune Encephalitis. Abstract and Poster. **Mian N, Rukmangadachar L,** Choucair A.

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

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

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

Ipilimumab induced auto-immune Hypophysitis. Poster. **Mian N, Rukmangadachar L,** Choucair A.

Nivolumab Induced Auto-immune Encephalitis. Poster. **Mian N, Rukmangadachar L,** Choucair A.

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

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

Neurosurgery

Congress of Neurological Surgeons, October 2017, Boston, MA
Adjacent Level Disease Following Two Level Axial Lumbar Interbody Fusion with Percutaneous Pedicle Screw fixation. Poster. **Michael AP,** Weber M, Ganapathy V.

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

Society for Neuro-Oncology, November 2017, San Francisco, CA
Effects of High Dose 5-ALA on Resection of Glioblastoma. Poster. **Michael AP,** Ryan D, Delfino K, Bekker S, Cozzens JW.

OB/GYN

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

Assessment of Early Intrauterine Device Removal. **Diebold T,** O'Connor B, Giacalone M, Diaz-Sylvester P, Nelson E.

Assessment of Tobacco Use, Exposure & Knowledge of Related Risks in a Low-Income Prenatal Population. **McCoy K, Drury B,** Wilson T, Groesch K, Nelson E.

CREOG & APGO Annual Meeting, February 28 - March 3, 2018, National Harbor, MD

Assessment of a Sexual Health Curriculum for High School Students Given by Ob/Gyn Residents. **Kendall K, Swale L,** Nelson E.

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

The Association of Intrapartum Synthetic Oxytocin Dosing and the Odds of Developing Autism. **Soltys SM, Scherbel J, Kurian J, Diebold T,** Wilson T, Hedden L, Groesch K, Diaz-Sylvester P, Botchway A, Campbell P, Loret de Mola R.

Orthopaedics

AAOS Annual Meeting, March 2018, New Orleans, LA
Life as a Resident. Medical Student Program. **Graham RD**

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

Resident / Fellow Presentations

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

Mid America Orthopaedic Association, April 2018, San Antonio, TX
Assessing the Weight Bearing Surface of Dysplastic Acetabulae: The Sourcil Index. **Horberg JV, Graham RD, Mikesell T, Allan DG.**

Canadian Orthopaedic Association, June 2018 Victoria, Ontario
Assessing the Weight Bearing Surface of Dysplastic Acetabulae: The Sourcil Index. Podium and Poster Presentations. **Horberg JV, Graham RD, Mikesell T, Allan DG.**

Otolaryngology

American Academy of Otolaryngic Allergy Annual Meeting, September 2017, Chicago, IL

Laryngeal cancer trends and the Affordable Care Act. Oral presentation. **Lawrence L.**

Affordable Care Act impact on head and neck cancer care. Oral presentation. **Lawrence L.**

Staff training for emergencies in allergy management (STEAM). Poster. **Castellano A, Sharma A, Crosby D.**

Association for Research in Otolaryngology, 41st Annual MidWinter Meeting, February 2018, San Diego, CA

The role of Pou4f3 in regulating survival of vestibular hair cells. Oral presentation. **Ezeilo NY, Cox BC.**

Combined Otolaryngology Spring Meetings, April 2018, National Harbor, MD

Factors associated with patient nonattendance in rhinology clinics. Oral presentation. **Hunter BN, Cardon BR, Sharma A, Crosby DL.**

Socioeconomic status and rurality among patients with head and neck cancer. Poster. **Lawrence L.**

Pediatrics

Society Of Critical Care Medicine, February 2018, San Antonio, TX

Effect of Potassium Infusions on Serum Levels in Children During Treatment of Diabetic Ketoacidosis. **Musaitif R, Basnet S.**

Use of Hospital Diaries in Pediatrics: A Descriptive Analysis. **Khanal A, Capriolo G.**

Plastic Surgery

American Society of Plastic Surgery, The Meeting, October 2017, Orlando, FL

Stem Cell Augmentation of Fracture Healing. Resident Abstracts. **Ross AJ.**

Targeted Stretching and Strength Training to Improve Postural Ergonomics and Surgical Endurance in the Operating Room. **Winters JN, Marschik BA, Hulcher L DPT, Cutler BJ DPT, Sommer NZ.**

American Association for Hand Surgery Annual Meeting, January 2018, Phoenix, AZ

Investigations of Fat Grafting as a Treatment Modality for Skin Fibrosis in Scleroderma. Poster. **Schmucker RW, Thayer JT, Butt FE, Harrison C, Gupta A, Neumeister MW.**

LGR 6+ Epithelial Stem Cell Augmentation of Fracture Healing. American Association for Hand Surgery. Resident Abstracts. **Ross AJ.**

Midwestern Association of Plastic Surgeons Annual Scientific Meeting, April 2018, Chicago, IL

3D Anthropometric Analysis in the Classification of Unilateral Cleft Lip Severity. **Castaldo A, Snider C, Calder K.**

Optimization of Electrospun Polycaprolactone-collagen Scaffolds for Leucine-rich Repeat-containing G-Coupled Protein Receptor Stem Cells. Podium Presentation. **Ruebhausen MR, Gupta A, Neumeister MW.**

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

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

Optimization of Electrospun Polycaprolactone-collagen Scaffolds for Leucine-rich Repeat-containing G-Coupled Protein Receptor Stem Cells. Poster. **Ruebhausen MR, Gupta A, Neumeister MW.**

Canadian Society of Plastic Surgeons Annual Meeting, June 2018, Alberta, Canada

3D anthropometric analysis in the classification of unilateral cleft lip severity. **Castaldo A, Snider C, Calder K.**

Psychiatry (also see Medicine/Psychiatry)

American Neuropsychiatric Association Annual Meeting, March 2018, Boston, MA

A Case of a Schizophrenic Patient with Brugada Syndrome. **Cudjoe N, Bennett J, Sharma S.**

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

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

A Case of Periorbital Erythematous Plaques Possibly Induced by Electroconvulsive Therapy. **Sharma S, Cudjoe N.**

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

Speech and Motor Mimicry: A Case Report of Echophenomena in Frontotemporal Dementia. **Datey-Chakrabarty A, Chakrabarty A, Bennett J.**

Treatment of Agitated Catatonia with Electroconvulsive Treatment. **Jia S, Onwuameze O.**

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

Sports Medicine-Carbondale

AMSSM 27th Annual Meeting, April 2018, Orlando, FL

Treat the Patient, Not the Number. Poster. **Murphy T, Humphrey J.**

Sports Medicine-Quincy

AMSSM 27th Annual Meeting, April 2018, Orlando, FL

A football team's woes with a rash. **Choudhury D, Arguelles CS, Carmichael R, Daniels JM.**

Radiology (also see Orthopaedics)

Society of Neuro-Oncology Annual Meeting, November 2017, San Francisco, CA

Effects of High Dose 5-ALA in the Resection of Glioblastoma. **Ryan D.**

Resident / Fellow Presentations & Research

Surgery

American College of Surgeons Meeting, October 2017, San Diego, CA
An Appreciative Inquiry Approach to the Core Competencies: Taking it From Theory to Practice. Presentation. **Sturm, Wall, Mellinger.**

SAGES, April 2018, Seattle, WA

Pancreatic Neoplasm Enucleation - When is it Safe? Case Report and Review of the Literature. iPoster presented. **Buckley, Mellinger, Molik.**

ASCRS, May 2018, Nashville, TN

Clinical Outcomes of Hartmann Resection: Benign vs. Malignant Etiology. E-Poster presented. **Bauman, Wood, Poola, Rakinic.**

Digestive Diseases Week, June 2018, Washington, DC

Clinical outcomes of complicated sigmoid diverticulitis with associated tubo-ovarian abscess. Poster. **Rossi, Poola, Rakinic.**

Urology

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

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

Sex hormone binding globulin independently predicts oligospermia in male fertility patients. Poster. **Ring J.**

North Central Section of the AUA, November 2017, Scottsdale, AZ
Connective Radiofrequency water vapor energy prostate ablation effectively treats urinary retention. Podium. **Holland B.**

Individualized 3D-Laswer Printed Calyceal models as surgical preparation for trainees. Podium. **Fiuk J.**

Multidisciplinary approach to management of complex scrotal edema. Poster. **Patel N.**

Penile length: a new average. Podium. **Baas W.**

Penile ring entrapment treatment: different approaches to management. Podium. **Patel N.**

Pull my handle: Does Experience matter in tension applied during stone basketing? Podium. **Kottwitz M.**

The utility of sex hormone binding globulin in the evaluation of clinical hypogonadism and male factor infertility. Podium. **Ring J.**

AUA Annual Meeting, May 2018, San Francisco, CA

Comparison of convective radiofrequency thermal therapy of prostate (Rezum) to MTOPS study cohort sexual function response at 3 years. Poster. **Holland B.**

Penile Length: A new average. Poster. **Baas W.**

RESEARCH

Dermatology

Berry A, Mattingly T, Minielly K, Parker C, Steffens A, Yan B.
Protocol 103A-301 A Multicenter, Double-blind, Placebo-controlled, Adaptive Phase 3 Trial of POL-103A Polyvalent Melanoma Vaccine in Post-resection Melanoma Patients with a High Risk of Recurrence (MAVIS = Melanoma Antigen Vaccine Immunotherapy Study) Study Drug: Seviprotimut-L (formerly POL-103A).

Infectious Disease

Koirala, Co-investigator **MMukka.** In vitro antimicrobial susceptibility and molecular characterization of MDR and XDR *Pseudomonas aeruginosa*

Koirala, Co-investigator **MMukka.** In vitro antimicrobial synergy strategies for MRSA

Koirala, Co-investigator **MMukka.** In vitro antimicrobial susceptibility, synergy, and resistance mechanism for Multidrug Resistant *Acinetobacter baumannii*

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

Internal Medicine

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

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

Neurological Surgery

Cozzens J, Amin D, Espinosa J, **Jones B, Michael A, Watson V.** Case Study of Six Cases of Sensory Myelopathy.

Cozzens J, **Michael A.** A Retrospective Study of Factors Related to Long-Term Survival in Surgically Treated High Grade Gliomas.

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

Neurology

Elias/**Jahangir**/Khan/Siddiqui - Single Comprehensive Stroke Center Assessment of CT Perfusion Software Accuracy of Final Infarct Volume after Thrombectomy with ASPECTS and MRI Correlation.

Gilchrist J, **Fatima Z.** 18-235: A Retrospective Chart Review of the "No Touch" Period 24 hours Post TPA Infusion (No Touch) Reference Number: 016208.

OB/GYN

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

Brard L, **Kendall K, 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 Partnership (IRB# 15-359). Agency: NIH, P20, Awarded: October 1, 2015

Braundmeier-Fleming A, **Aguirre-Amezquita F, Gassner J, Palencia L, Nguyen L.** Endometriosis and the Microbiome (IRB# 14-220)

Braundmeier Fleming A, Brard L; Co-Is: Semaan, **Kendall K, Pratt K,** "A Quantitative, Systems Biology, Multi-Omic Approach to Diagnose Gynecologic Cancers" Agency: Oak Ridge National Laboratory, LDRD, Awarded: November 20, 2017

Resident / Fellow Research

Braundmeier Fleming A, Brard L, Co-Is: **Kendall K, Pratt K**, "Machine Learning Approach for Early Detection and Individualized Treatment of Ovarian Cancer", Agency: Simmons Cancer Institute, Team Science Grant, Awarded: July 1, 2017

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

Garza-Cavazos A, **Gong J**. Management of Adnexal Masses in the Pediatric/Adolescent Population: A Review (IRB# 11-150)

Hayashi K, Co-Is: Loret de Mola, **Palencia L**, "Development of New Therapeutic Strategies for Endometriosis", Agency/Date: NIH, R21, Awarded September 1, 2017

Kuroki L (Wash U), Co-Is: Semaan, Martin, **Hyon K, Almdale A**, "Addressing Unmet Basic Needs to Improve Colposcopy Adherence among Women with an Abnormal Pap", Agency: NIH, P20/P4 Pilot Award, Awarded: September 1, 2017

Lara-Cinisomo L, Co-Is: Loret de Mola, **Palencia L**, "Diabetes, Prenatal Depression and Self-rated Health: Exploring the Mediating Role of Self-efficacy" Agency: Center on Health, Aging, and Disability (CHAD), Awarded: 04/01/2017

Loret de Mola JR, **Palencia L**. Diabetes, Prenatal Depression and Self-rated health: Exploring the mediating role of self-efficacy (IRB# 17-098)

Martin JA, **Hyon K, Almdale A**. Addressing Unmet Basic Needs to Improve Colposcopy Adherence among Women with an Abnormal Pap (IRB# 17-105)

Nelson E, McCoy K, **Drury B**. Knowledge Assessment of the Risks of Cigarette Smoking and Exposure during Pregnancy (IRB# 17-022)

Nelson E, **Kendall K, Swale L**. Assessment of a Sexual Health Curriculum for High School Students delivered by Ob/Gyn Residents (IRB# 18-189)

Soltys S, Scherbel J, **Diebold T**. Is Perinatal Pitocin Exposure Associated with Autism Spectrum Disorders? (IRB# 15-324)

Torry D, **Aguirre-Amezquita F**. Angiogenic Gene Expression in Trans-differentiated Human Decidual-like Natural Killer Cells (IRB# 15-291)

Torry D, **Aguirre-Amezquita F**. Regulation of Gene Expression in Human Placentae (IRB# 12-575)

Younkin C, **Almdale A**. Vitamin D Deficiency and Its Implications on the Fetus (IRB# 17-080)

Zeino Y, **Butlin A**. Prophylactic Salpingectomy Analysis: A Risk Reduction Procedure for Ovarian Cancer (IRB# 17-104)

Orthopaedics

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

Horberg JV, Graham RD, Mikesell, T, Allan DG. Assessing the Weight Bearing Surface of Dysplastic Acetabulae: The Sourcil Index, Active IRB.

Horberg JV, Kurcz BP, Mayfield AM, Allan DG. Documented Penicillin Allergies Should Not Preclude Use of Pre-Operative Cefazolin in Hip and Knee Arthroplasty. Active IRB

Horberg JV, Lobrano, C, Graham RD, Ridge I, Allan DG. Staged Total Hip Arthroplasty: A Novel Technique in Managing Pelvic Discontinuity. Active IRB

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

Horberg JV, Tapscott DC, Enright D, Allan DG. Morphology of the Greater Trochanter: An Assessment of Anatomic Variation and Canal Overhang. Active IRB

Otolaryngology

Ezeilo NY, Javadi P, Sharma A, Wing S. Assessing the performance of afirma gene expression classifier in predicting the risk of malignancy in indeterminate thyroid nodules. IRB

Hunter BN. Factors associate with patient nonattendance in rhinology clinics. IRB #18-195

Pediatrics

Akopyan G, Miner M. IRB # 17-113. Defining Pediatric Continuity Clinics in Residency Training: Where we are now and future directions

Akopyan G, Musaitif R., Patterson, J. IRB # 17-059. An Innovative Approach to Resident Education in Developmental/Behavioral Pediatrics

Bova B, Johnson M. IRB # 18-206. Nationwide Review of Asthma Readmission

Chang K, Miner M. IRB # 17-062. Improving discomfort, pain and fear associated with vaccines in the SIU General Pediatrics Clinic

Chang K, Patel N. IRB # 17-141. Mindfulness around IVF ordering on Peds General Floor

Hulyalkar M, Majcina R. IRB # 17-160 Improving accuracy and reliability of blood pressure measurements for monitoring and screening of HTN inpatient at SJH

Khanal A, Basnet B. IRB # 17-042. 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)

Khanal A, Basnet S. IRB # 14-168. Effect of Potassium Infusions on Serum Levels in Children During Treatment of Diabetic Ketoacidosis

Khanal A, Tripathy S. IRB # 17-096. Fluid Stewardship Quality Improvement Project

Komeswaran K, Basnet S. IRB # 16-619. Antimicrobial Conversion Policy

Logsdon M, Batton B. IRB # 17-035. Electrolytes and Incidence of Adverse Outcomes in Extremely Low Birth Weight Infants

Lorenzo J, Capriolo G. IRB # 17-085. Improvement in Patient Follow UP to the SIU Pediatric Pulmonology Clinic for Patients Admitted to the Pediatric Intensive Care Unit (PICU) and Seen by Pediatric Pulmonology

Lorenzo J, Malhotra M, Patterson J. IRB # 17-116. Improving Parental Understanding of Well Child Visits in Children Aged 0-48 Months by Educating Families

Lorenzo J, Malhotra M, Patterson J. IRB # 17-117. Improving Continuity Clinic Follow-up for Routine Well Child Checks for ages 0-24 months by Emphasizing Structured Family Awareness and Resident Education

Lorenzo J, Patel N. IRB # 18-212. Retrospective Review of Pediatric Patients Diagnosed with Postural Tachycardia Syndrome who Received Propranolol vs Conservative Management

Malhotra M, Brandt G. IRB # 16-469. To Assess Self-Awareness of Sickle Cell Status Among African American and Mixed Race Adolescents

Malik M, Batton B. IRB # 16-438. Neonatal Abstinence Syndrome: Comparative Outcomes Observed in Neonates with Prescription and Illicit Drug Dependence after Birth

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Resident / Fellow Research

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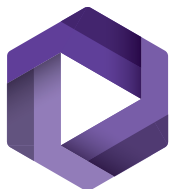
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