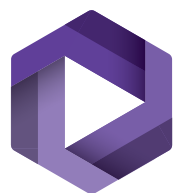


2016-2017 GME Annual Report



SIU SCHOOL
of MEDICINE

Updated January 4, 2018

Message from the Chair

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 2016 – 2017 GME annual report. Our programs continue to inspire us as they demonstrate excellence in education and patient care and help us fulfill our mission to assist the people of central and southern Illinois in meeting their health care needs through education, patient care, research and service to the community.

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

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



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

Graduate Medical Education Committee

The GMEC is accountable for advising and monitoring all aspects of residency education in a manner to meet the needs of the residents, programs and hospitals as well as fully comply with the regulations and directions of the Accreditation Council for Graduate Medical Education (ACGME) and the Residency Review Committees. A list of GMEC members for the 2016-2017 academic year is included below.

Chair

Karen Broquet, MD

Legal Counsel

Jennifer Graham, JD

John Mellinger, MD

Thomas Miller, MD

Michelle Miner, MD

Faculty

Sandra Ettema, MD

Harald Lausen, DO, AOA Director

Kristen Leadbetter, MD

Paula Mackrides, DO, AOA Director

Laura Shea, MD

Program Coordinator

Nicole Workman

Program Directors

Devin Amin, MD

Carol Bauer, MD

John Becker, MD

Careyana Brenham, MD

Lucinda Buescher, MD

Keith Gabriel, MD

Douglas Hood, MD

Jessie Junker, MD

Janak Koirala, MD (Fellowship)

Ranjiv Matthews, MD

Christopher McDowell, MD

Najib Murr, MD

Erica Nelson, MD

Quincy Scott, DO

Santosh Shrestha, MD

Nicole Sommer, MD

Andrew Varney, MD

Hospital Administrators

Sara Cameron, HSHS St. John's

Rajesh Govindaiah, MD,

CMO Memorial

Gurpreet Mander, MD,

CMO HSHS St. John's

Residents

Dorcas Adaramola, MD

Richard Austin, MD

Sidharth Chandra, MD

Daniel Ryan, MD

Jacob Scheer, MD

Ryan Schmucker, MD

Waiz Wasey, MD

Graduate Medical Education Committee

REVIEW OF INSTITUTIONAL PERFORMANCE 2016-2017	
REVIEW OF PROGRAM PERFORMANCE	REVISED POLICIES AND PROCEDURES
ACGME Resident Surveys	Internal Review Protocol
ACGME Faculty Surveys	Medical License
Work Hour Compliance	Policy Regarding Americans with Disabilities Act
Annual Program Evaluation / Action Plans	Guidelines for Residents Who Start Late
Annual Accreditation Letters and Citations	Recruitment of Residents/Fellows for Vacant Positions
Transitions of Care Monitoring	Residents from Outside Program
Internal Reviews	USMLE/COMLEX Examination
Child Psychiatry	GMEC Mission Statement
OB/GYN	Institutional Policy for Resident Duty Hours
Internal Medicine	Drug Screening
Dermatology	SIU Guidelines for Medical Observerships
Special Reviews	Selecting a Program Director
Endocrinology	Moonlighting
Neurology	Guidelines for Maintenance of Records and Disclosure of Information about Residents and Fellows
Pediatrics	International Travel for Away Rotations
	Disaster Plan Procedure for Springfield Residents
	Fatigue Mitigation
	Academic Deficiency
	Due Process
	Professional Conduct and Misconduct
	Delinquent Medical Records and Duty Hours Records

GMEC Annual Institutional Goals

GOAL 1

Promote an Outstanding Learning and Work Climate (carry over 2015-2016)

This has been a priority institutional GME goal for the past three academic years. Initial steps focused on helping programs delineate and disseminate behavioral standards and improve the frequency and efficacy of learner feedback to supervisors on their teaching skills. Our specific efforts during 2016 - 2017 aligned closely with new CPR readiness and included more proactive program policies and protocols for relieving residents of clinical responsibilities if they are fatigued, unwell or have family emergencies, as well as improved access to wellness resources and self-assessment tools. As we have recognized an inverse relationship

between faculty workloads and learner satisfaction, GMEC has increased outreach to SIU HealthCare to address programs with critical faculty levels, and to coordinate faculty wellness endeavors. Resident survey input from January - June 2017 indicates progress. The establishment of a state budget and current input from residents provides reason for optimism that we are on the right track.

GOAL 2

Improve Faculty and Resident Skills and Knowledge in Patient Safety and Health Care Quality (carry over 2015-2016)

This goal was a major focus of GMEC efforts this year. See the CLER section for details.

GMEC Annual Institutional Goals

LEARNING CLIMATE COMPARISON																
SCALE: 1=Very Noncompliant 5= Very Compliant	ACGME Resident Survey (completed Jan-Mar)									SIU End of Year Survey (completed May-Jun)						
	Faculty & staff interested in residency education			Satisfied with process to deal with problems & concerns			Residents can raise concerns without fear			Ability to express concerns without fear						
	Academic Year	AY15	AY16	AY17	AY15	AY16	AY17	AY15	AY16	AY17	AY15		AY16		AY17	
National Mean	4.3			4.2			4.2			% Poor/ Fair	% Good/ Excel-lent	% Poor/ Fair	% Good/ Excel-lent	% Poor/ Fair	% Good/ Excel-lent	% Δ in G/E
Dermatology	4.8	4.7	4.4	4.6	3.8	4.4	4.8	4.7	4.2	14	86	0	100	25	75	↓
Emergency Medicine	4.7	4.4	4.7	4.1	3.7	4.3	4.4	4.2	4.5	8	92	18	82	29	71	↓
Endocrinology	4.5	3.3	4.3	4.3	3.5	4	4.5	3.3	3.5	0	100	0	100	0	100	
FCM - Springfield	3.5	4	4.4	3.4	3.7	4.3	3.4	3.4	3.9	43	57	17	83	23	77	↓
Infectious Disease										0	100	0	100	0	100	
Internal Medicine	4.2	4.2	3.2	4.1	4.1	3.3	4.2	4.2	3.6	13	87	0	100	25	75	↓
Med/Psych	4.3	4	4.1	3.7	3.3	2.6	4.1	3.7	4	0	100	0	100	25	75	↓
Neurology	3.5	3.3	3.5	3.5	2.9	3.5	3.5	2.5	3.2	20	80	67	33	50	50	↑
OB/GYN	3.8	4.7	4.8	4	4.8	4.9	3.9	4.9	4.9	0	100	7	93	0	100	↑
Orthopaedics	4.1	4.2	4.6	4.1	3.9	4.4	3.8	3.8	4.3	20	80	30	60	0	100	↑
Otolaryngology	4.9	4.6	4.4	4.3	4.1	3.6	4.6	4.3	4	29	71	80	20	0	100	↑
Pediatrics	4.2	4	4.2	3.2	3.3	3.6	3.6	3.4	4.1	38	62	38	62	29	71	↑
Plastic Surgery	4.7	4.7	4.6	4.1	3.8	4.2	4.4	4.1	4.6	0	100	22	78	15	85	↑
Psychiatry	3.9	4	3.7	3.4	4.1	3.2	3.3	4.0	2.9	56	44	40	60	27	73	↑
Pulmonary	4.8	4	4.2	4.7	3.8	4	4.8	4.0	4	0	100	40	60	25	75	↑
Radiology	4.5	4.2	4.3	4.2	3.3	3.3	4.6	2.8	3.1	0	100	56	44	44	56	↑
Surgery	4.2	4.7	4.6	3.9	4.3	4.2	3.8	4.5	4.7	20	80	0	100	15	85	↓
Urology	4.2	4.3	3.8	3.8	3.7	3.3	3.8	3.9	3	14	86	50	50	14	86	↑
Vascular - Integrated	4.8	4.6	5	4.5	4.4	5	4.5	4.4	4.8	0	100	0	100	0	100	
AFFILIATE RESIDENCY PROGRAMS																
FCM - Carbondale	4.6	4.5	4.5	4.4	4.2	4.1	4.4	4.5	3.7	14	86	0	100	50	50	↓
FCM - Decatur	4.5	4.1	4.6	4.4	3.5	4.5	4.5	3.9	4.4	23	77	29	71	44	56	↓
FCM - Quincy	4.7	5	4.4	4.2	4.6	3.6	4.5	4.5	3.6	27	73	23	77	55	45	↓
Institution - Springfield	4.3	4.3	4.2	4	3.9	3.9	4.1	4.0	4.0	19	81	21	49	22	78	↑
Key			At or above National Mean						Below National Mean							

POSITIVE LEARNING / WORK ENVIRONMENT [^]	
Cultural Factors	Individual Behaviors
Fair and reasonable standards	Set clear and consistent expectations
Perceived accuracy of performance feedback and assessment	Make introductions, set goals, address learners by name
Freedom to speak up	Be aware of and minimize implicit bias
Commitment to a common purpose	Be calm, kind, and patient
Clarity about mission and values	"It's OK to not know something!" - state explicitly and role-model
	Encourage learners to ask questions / speak up/ share ideas...and POSITIVELY REINFORCE when they do!
	Solicit and show respect for divergent positions

[^]Goleman D. Harvard Business Review 2000 Salazar, et. Al. J Am Coll Surg 2014 <http://www.unl.edu/gtahandbook/creating-safe-learning-environment>
Stanford Faculty Development Center 2012

Academic Programs & Accreditation

ACADEMIC PROGRAM OVERVIEW		
	Springfield	Affiliates
# Residents & Fellows	277	52
# Accredited Residency Programs	17	3
# Accredited Fellowship Programs	7	2
# Non-Accredited Fellowships	2	N/A
# Programs ACGME/AOA Accreditation*	1	2
<p>*Osteopathic Recognition is a designation conferred by the ACGME's Osteopathic Principles committee upon ACGME-accredited programs that demonstrate the commitment to teaching and assessing Osteopathic Principles and Practice (OPP) at the graduate medical education level. All three of our dually accredited Family Medicine programs are now recognized.</p>		

Program Accreditation Status		
Program Name	Accreditation Status	First Self-Study Visit
Dermatology	Full	6/2023
Emergency Medicine	Full	9/2022
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	Continued with Warning	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	Probation	3/2019
Endocrinology	Full	10/2020
Hand Surgery	Full	5/2019
Infectious Diseases	Full	10/2020
Pulmonary Medicine	Full	10/2020
Quincy Sports Medicine	Full	8/2019
Affiliate Residency Programs		
FCM - Carbondale	Full	6/2018
FCM - Decatur	Full	10/2018
FCM - Quincy	Full	8/2019
Other		
Institution	Full	10/2026

Resident Recruitment and Orientation

Program Name	SIU NRMP/DO Fill Rate	National NRMP Fill Rate [^]	Step I Mean Score Matriculating Residents	National Mean Step I Score Matriculating Residents †		Step II Mean Score Matriculating Residents	National Mean Step II Score Matriculating Residents †		Step III Mean Score Current Residents
				US Seniors	Other		US Seniors	Other	
Dermatology	100%	100.0%	248	249	237	256	257	237	230
Emergency Medicine	100%	99.7%	227	233	233	250	245	242	223
FCM - Springfield	100%	95.8%	204	221	216	217	237	227	207
Internal Medicine	54% ^{**}	98.2%	223 [*]	233	232	234 [*]	246	238	214
Med/Psych	100%	100.0%	210	N/A	N/A	217	N/A	N/A	217
Neurological Surgery	100%	100.0%	N/A	249	244	N/A	251	246	213
Neurology	100%	97.4%	212	231	229	239	243	234	212
OB/GYN	100%	100.0%	222	229	231	231	244	238	214
Orthopaedics	100%	99.9%	238	247	241	245	253	253	220
Otolaryngology	100%	95.4%	244	248	236	236	253	242	229
Pediatrics	100%	98.4%	200	230	228	217	244	237	211
Plastic Surgery	100%	98.7%	228	250	230	237	256	240	218
Psychiatry	100%	99.7%	210	224	219	229	238	228	201
Radiology	100%	99.2%	217	240	239	N/A	247	242	219
Surgery	100%	99.6%	230	235	241	248	247	244	218
Urology	100%	N/A	225	N/A	N/A	247	N/A	N/A	222
Vascular - Integrated	100%	98.3%	N/A	239	227	N/A	234	245	223
AFFILIATE RESIDENCY PROGRAMS									
FCM - Carbondale	100%	95.8%	208	221	216	222	237	227	205
FCM - Decatur	100%	95.8%	216	221	216	230	237	227	214
FCM - Quincy	100%	95.8%	210	221	216	223	237	227	217

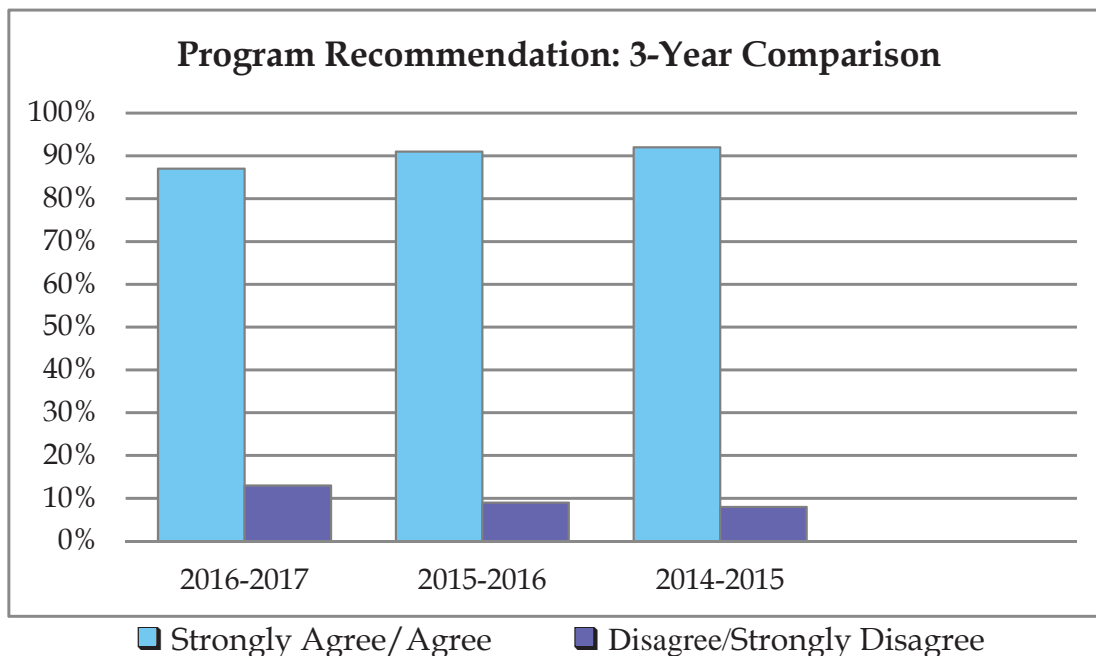
Minimum passing scores for USMLE Exams: [^]NRMP Results and Data, 2017 Residency Match
 Step I 192 †NRMP Charting Outcomes in the Match, September 2016 (latest edition)
 Step II 209 *Includes Preliminary Medicine resident scores
 Step III 196 **Does not include SOAP candidates

New Resident / Fellow Orientation Overview

- ACGME: Clinical & Educational Hours, Competencies, Fatigue & Alertness, Milestones, Resident Wellness
- Basic Teaching Skills: Setting Expectations, Feedback & Clinical Teaching
- Electronic Health Record Training & Standards
- HIPAA
- Infection Control
- Introduction to Health Care Disparities & Cultural Competency
- OSHA
- Patient Safety Principles: Medical Error Reporting & Sources, Communication, Transitions of Care, Hand Washing, Local Patient Safety Initiatives
- Physician Burnout, Depression & Substance Misuse: Prevention, Recognition & Assistance
- Principles of Risk Management
- Professionalism: Patient Confidentiality, Physician-Patient Boundaries, E-Professionalism, Inclusion & Respect

Resident Satisfaction with Training

	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 1-2	Good/Excellent 3-4	Strongly Disagree/ Positive 1	Agree/ Strongly Agree 4	Very Negative/ Negative	Neutral	Positive/ Very Positive
Dermatology	1	2	0	4	0%	20%	80%
Emergency Medicine	1	13	0	14	0%	6%	95%
FCM - Springfield	2	10	2	12	0%	7%	93%
Internal Medicine	12	12	5	19	11%	26%	63%
Med/Psych	1	1	1	3	0%	14%	85%
Neurological Surgery	1	2	1	2	-	-	-
Neurology	5	3	3	5	17%	33%	50%
OB/GYN	0	9	0	10	0%	0%	100%
Orthopaedics	0	8	0	8	6%	0%	94%
Otolaryngology	2	6	1	7	0%	22%	77%
Pediatrics	1	13	2	12	14%	10%	76%
Plastic Surgery	1	6	0	7	0%	0%	100%
Psychiatry	2	9	2	9	17%	8%	75%
Radiology	0	9	0	9	0%	25%	75%
Surgery	1	12	0	13	0%	11%	89%
Urology	0	7	0	7	0%	25%	75%
Vascular	0	5	0	5	0%	0%	100%
AFFILIATE RESIDENCY PROGRAMS							
FCM - Carbondale	2	4	2	4	0%	7%	93%
FCM - Decatur	2	8	2	8	0%	13%	86%
FCM - Quincy	5	6	4	7	18%	12%	70%



Board Exam Performance

Program	RRC Requirement First Time Pass Rate & Time Frame	RRC Requirement for Percent of Graduates Must Take Exam#	2016-2017	
			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 - Springfield	90% of graduates who take last 5 years	95% eligible graduates from last 5 years must take	92%	
Internal Medicine	80% of graduates who take last 3 years	80% from last 3 years must take	83%	
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	100%	
OB/GYN	80% of graduates who take last 3 years	80% from last 3 years must take	94%	
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	72%	
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	95%	
Radiology	50% graduates 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	75%	56%
Urology	80% of graduates who take last 3 years	No requirement	100%	100%
Vascular Surgery	60% 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	80%	
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	93%	
Quincy Sports Medicine	75% of graduates who take last 5 years	75% eligible graduates must take	75%	
AFFILIATE RESIDENCY PROGRAMS				
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	88%	

* Internal Medicine Boards

**Parts I & II Psychiatry Boards

KEY			
Scale			
Board Pass Rate with RRC Requirements	Meets or exceeds RRC Requirement	Within 20% of RRC Requirements	Below 20% of RRC Requirement

Feedback, Teaching & Supervision

	SIU End of Year Evaluations Data reported = total number of responses						ACGME Resident Survey Data reported = mean rating		
	Full time Faculty Teaching Skills		Full time Faculty Provision of Feedback		Full time Faculty Adequate and Prompt Supervision		Sufficient Supervision	Sufficient Instruction	Satisfied with feedback after assignments
	Poor/Fair	Good/Excellent	Poor/Fair	Good/Excellent	Poor/Fair	Good/Excellent	Program Mean (National Mean 4.3)	Program Mean (National Mean 4.2)	Program Mean (National Mean 4.0)
	1-2	3-4	1-2	3-4	1-2	3-4			
Dermatology	0	4	0	4	0	4	4.2	4.2	4.2
Emergency Medicine	0	13	1	13	0	14	4.6	4.4	3.8
FCM - Springfield	1	13	2	12	1	13	4.2	4.2	4.1
Internal Medicine	7	18	4	21	2	23	4.0	3.6	3.3
Med/Psych	1	3	1	3	1	3	3.9	3.9	3.6
Neurological Surgery	0	3	0	3	0	3	N/A	N/A	N/A
Neurology	4	4	3	5	1	7	3.9	4.1	3.5
OB/GYN	1	9	0	10	0	10	4.9	4.9	4.6
Orthopaedics	0	7	0	7	0	7	4.4	4.4	4.1
Otolaryngology	0	8	1	7	0	8	4.4	3.9	3.8
Pediatrics	3	11	4	10	1	13	4.0	3.9	3.3
Plastic Surgery	0	7	1	6	1	6	4.2	4.5	3.9
Psychiatry	2	9	2	9	0	11	3.8	3.3	3.0
Radiology	0	9	0	9	0	9	4.5	4.3	3.7
Surgery	0	12	1	11	0	12	4.6	4.2	3.6
Urology	0	7	0	7	0	7	4.4	4.0	4.0
Vascular	0	5	0	5	0	5	4.8	5.0	4.4
AFFILIATE RESIDENCY PROGRAMS									
FCM - Carbondale	1	5	1	5	1	5	4.3	4.3	4.1
FCM - Decatur	1	9	2	8	1	9	4.5	4.5	4.3
FCM - Quincy	1	10	4	7	1	10	4.5	4.2	3.8

Trainee Research Symposium Winners

RESIDENT/FELLOW WINNERS OF THE 2017 SIU SCHOOL OF MEDICINE TRAINEE RESEARCH SYMPOSIUM				
Award	Resident/Fellow	PGY / Program	Mentor	Title
1st Place:	Mishika Malik, MD	PGY2 Pediatrics	Beau Batton, MD and Ginger Darling, MD	<i>Less Methadone & a Shorter Stay: Improving Care for Infants in Neonatal Abstinence Syndrome (NAS)</i>
2nd Place:	Elaine Jayne Buckley, MD	PGY4 General Surgery	Sabha Ganai, MD, PhD, MPH, FACS	<i>Impact of Time to Surgery on Rural-Urban Disparities in Breast Cancer</i>
3rd Place:	Alexandria McDow, MD	PGY5 General Surgery	Sabha Ganai, MD, PhD, MPH, FACS	<i>Impact of Endocrinologist & Surgeon Density on Thyroid Cancer Survival</i>

CLER: Clinical Learning Environment Review



6 FOCUS AREAS OF CLER

- Patient safety
- Health care quality, including health care disparities
- Transitions in care (TOC)
- Supervision
- Duty hours/fatigue management & mitigation
- Professionalism

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

SIU had its second CLER visit in August 2016. While the CLER program is designed to give feedback to the GME Sponsoring Institution (SIU SOM), the

visits take place at only one teaching site, St. John's Hospital in Springfield. Because SIU SOM faculty deliver the vast majority of our supervision, and quality/patient safety (Q/PS) curriculum and oversight, we believe the majority of CLER feedback is generalizable across all of our teaching settings. While CLER does not contain any specific ratings or evaluations, it informs our endeavors in the six focus areas.

Patient Safety & Quality Improvement

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

We continue to see improvement in the use of electronic reporting systems. Educational efforts are focused on updated information about the various reporting mechanisms and the importance and value of reporting near misses as well as errors. We have room for improvement in our level of hospital and SIU HealthCare feedback to individual reporters about any actions stemming from their reports. In addition, new CPRs require that residents and faculty be provided with summary information of their various institutions' patient safety reports. We are working with the quality teams of our various teaching sites on the best way to do this. A resident QI Council was

founded and worked with the GMEC quality and patient safety subcommittee to completely revamp our institutional quality curriculum for 2017-2018.

The inaugural SIU School of Medicine Resident Quality Improvement Poster Competition was held on September 21, 2016.* The goal of the event was to recognize the quality improvement work being done by SIU residents and fellows. Seventeen outstanding posters were displayed and judged at an evening event which was open to the community and attended by 71 people.

Local and national CLER feedback has highlighted the high variability of knowledge about quality and patient safety processes among faculty supervisors. GMEC has been grappling with the best way to help faculty and anyone else involved in the care of patients achieve competency in these areas. The institutional curriculum is open to faculty as well as residents. In addition, GMEC developed and adopted a set of quality and patient safety learning and behavioral objectives. These were pulled from national CLER reports, feedback from our two SIU CLER visits, ACGME requirements and wisdom

PS / QI (Continued)

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

to drive program and/or department Q/PS activities and can serve as a resource for anyone engaged in self-directed learning. To that end, we developed a resource metric with each objective linked to one or more learning resource.

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

Transitions of Care

Based on feedback from our CLER visit, the practice of Readback and consistency of handoff scheduling were incorporated into the

GMEC TOC expectations and monitoring rubric.

Supervision

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

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

RESIDENT QUALITY IMPROVEMENT POSTER AWARDS

1ST PLACE Dr. Shakthishri Kandaswamy, Internal Medicine

"Quality Improvement Project Initiative to Control Inappropriate Antibiotics Use for Asymptomatic Bacteriuria and Urinary Tract Infection Treatment"

2ND PLACE Dr. Hadoun Jabri, Endocrinology

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

3RD PLACE Dr. Katherine Kottwitz, Plastic Surgery

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

- 93 Residents & Fellows Completed LEAN / Six Sigma / TeamSTEPPS Training
- 80 Residents & Fellows Participated in a Mock RCA Session in February or April 2017
- 14 Hospital RCAs with 18 resident participants

CLER: Clinical Learning Environment Review

Clinical and Educational Work Hours

The new CPR's brought important changes in how we conceptualize and monitor resident work hours. Most importantly, the paradigm of duty hours was changed to clinical and educational work hours. In addition to on site clinical experiences, this encompasses any clinical work done from home, including telephone calls and EHR work, and all moonlighting. Programs have developed more robust mechanisms to provide continuity of patient care if learners are fatigued or overwhelmed. Programs and residents are given more flexibility for those occasional instances when a resident chooses to stay late for a particular patient. Programs are also given more flexibility in the scheduling of PGY1s. For the past

few years, PGY1 were limited to 16 hour work periods. In the absence of data to suggest that this improved patient safety or resident well-being, this restriction was removed. All previous work hour rules (80 hour workweek; 24+4 maximum work period; 1 day off in 7; time off between work periods; limitations on in-house call) remain. Oversight of work hour compliance is a core GMEC responsibility. Program coordinators and directors are able to review resident work hours as they record them and all violations per program are reviewed quarterly by GMEC. Additional compliance input is gathered from annual surveys.

Professionalism

We've received feedback on both of our CLER visits that residents, fellows and nurses describe our work environment as respectful. They also report both awareness of options if faced with

disruptive behavior or learner mistreatment and willingness to use them. Many of our efforts toward improved learning climate and well-being parallel professionalism.

GME Professional Development

<u>Program Coordinator Best Practices Sessions</u>	<u>Program Director Development Sessions</u>	<u>Resident/Fellow Live Sessions & Online Modules</u>
◆ Annual Program Evaluation	2017:	◆ Employment Contracts and Financial Planning
◆ Resident Work Hours	◆ Conflict Management	◆ Introduction to Professionalism
◆ End of Year Reports & Surveys	◆ Competency Based Assessment Systems & Milestones	◆ Medicolegal Issues
◆ ERAS Tips	2016:	◆ Patient Safety
◆ Grants – Resident Travel	◆ Going Ape for APE	◆ Professional Boundaries
◆ J-1 Visas & Employment Authorization	◆ The Resident in Academic Difficulty	◆ Residents as Teachers
◆ National Resident Matching Program	2015:	◆ Root Cause Analysis
◆ New Innovations Onboarding	◆ Improving our Learning Environment	◆ Sleep Deprivation & Fatigue Education
◆ New Resident Orientation	2014:	◆ Supervision of Residents
◆ Recruitment Reimbursement	◆ Competency Based GME	◆ Wellness and Woe: Stress Management
	2013:	◆ Impairment Prevention for Physicians in Training
	◆ ACGME Milestones	

CLER (Continued)

	SIU End of Year Evaluations		ACGME Resident Survey
	Balance of time between clinical learning activities & didactic learning activities		Appropriate balance for education (national mean 4.2)
	Data = total # of responses		Data = program mean rating
	Poor/Fair	Good/Excellent	SCALE: 1=Very Noncompliant 5=Very Compliant
SCALE:	1-2	3-4	
Dermatology	3	0	3.6
Emergency Medicine	1	13	3.9
FCM - Springfield	2	12	4.2
Internal Medicine	14	10	3.4
Med/Psych	1	1	3.3
Neurological Surgery	1	2	N/A
Neurology	5	3	3.8
OB/GYN	0	10	4.9
Orthopaedics	1	7	4.6
Otolaryngology	2	6	4.0
Pediatrics	3	11	4.0
Plastic Surgery	1	6	4.1
Psychiatry	1	10	3.8
Radiology	1	7	4.2
Surgery	1	12	4.5
Urology	1	6	4.4
Vascular	0	5	4.6
AFFILIATE RESIDENCY PROGRAMS			
FCM - Carbondale	3	3	4.3
FCM - Decatur	1	9	4.4
FCM - Quincy	6	5	3.9

	ACGME Surveys			
	Culture reinforces patient safety responsibility		Information not lost during shift changes or patient transfers	
	Data = program mean rating			
	Resident Survey (National Mean 4.5)	Faculty Survey (National Mean 4.7)	Resident Survey (National Mean 4.0)	Faculty Survey (National Mean 4.2)
SCALE:	SCALE: 1=Very Noncompliant 5=Very Compliant			
Dermatology	4.6	4.4	4.2	4.2
Emergency Medicine	4.6	5.0	3.3	4.2
FCM - Springfield	4.5	4.5	4.0	4.0
Internal Medicine	4.3	4.4	3.5	3.7
Med/Psych	4.0	4.3	3.7	4.3
Neurological Surgery	N/A	4.5	N/A	4.0
Neurology	4.3	4.1	3.8	4.1
OB/GYN	4.9	4.6	4.3	4.0
Orthopaedics	4.7	4.7	4.2	4.1
Otolaryngology	4.4	5.0	3.8	4.4
Pediatrics	4.3	4.6	3.7	3.8
Plastic Surgery	4.9	N/A	3.7	N/A
Psychiatry	3.8	4.5	3.5	4.1
Radiology	4.3	4.7	4.6	4.5
Surgery	4.5	4.7	3.9	3.9
Urology	4.6	4.8	3.6	4.3
Vascular	5.0	4.9	4.0	4.0
AFFILIATE RESIDENCY PROGRAMS				
FCM - Carbondale	4.4	4.8	3.8	4.0
FCM - Decatur	4.6	4.6	4.1	4.4
FCM - Quincy	4.4	4.0	4.1	4.0

House Staff Board of Directors

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



A Message from the HS Board of Directors President:

The HS BOD is a group of residents, one or two from each Springfield program, that meets once a month to discuss any issues that residents are facing. This past year some of the issues we tackled include: getting coverage for birth control for residents with new health insurance, addressing safety issues for residents walking from the parking garage into the hospital at night, addressing an issue regarding radiology coverage at night at one hospital, and ensuring residents have sleep space at both hospitals, etc. This group is important because it represents the interest of residents in deliberations with both Springfield hospitals regarding working conditions and benefits. The group works to ensure that residents have minimal impediments in their medical, surgical, and ethical training. And lastly, I believe the most important purpose and value of the group is to promote resident well-being. For the past 2 years we have been providing input to the GMEC regarding its efforts to promote a great learning climate for residents.

Sincerely,

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

2017 Outstanding Program Coordinator Award

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

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

Nicole Workman is the award recipient for 2017. Nicole is the Program Coordinator for General Surgery and has been in this role for four years. She also serves as a Mentor and Team Leader for other coordinators at the institution. She willingly

shares her expertise and experience with other coordinators, and has served as the coordinator representative on the Graduate Medical Education Committee.

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



Faculty National Leadership

RESIDENTS OR FACULTY HOLDING A LEADERSHIP POSITION		
PROGRAM	RESIDENT OR FACULTY	LEADERSHIP ACTIVITY
Colorectal Surgery	Jan Rakinic, MD	American Board of Colon and Rectal Surgery (representing Program Directors' Association in Colon and Rectal Surgery): Director, President-elect and Chair of Maintenance of Certification Process Committee
Decatur FCM	Jessie Junker, MD	AAFP FMX Advisory Board Member
Emergency Medicine	James Waymack, MD	Emergency Medicine Board Review Intensive (EMBRI): Course Co-Director
Internal Medicine	Edem Agamah, MD	International Health & Development Network, a Medical Missions Organization: President (Founder)
	John Flack, MD	American Society of Hypertension (ASH) Specialist Board: Vice President
	Susan Hingle, MD	American College of Physicians: Chair of the Board of Regents, Executive Committee of the Board of Regents, Chair of the Wellness Task Force, Chair of Education and Publication Committee, Member of the Governance Committee; Clerkship Directors of Internal Medicine: Treasurer of the National Council
Internal Medicine/ Psychiatry	Karen Broquet, MD	Association of American Medical Colleges Group on Residency Affairs: Steering Committee
	Laura Shea, MD	American Medical Association: Illinois State Medical Society Alternate Delegate
Neurology	Najib Murr, MD	Epilepsy Foundation's National Epilepsy and Awareness Collaborate (NEEAC) Community of Practice: Steering Committee
	Rodger Elble, MD	International Parkinson and Movement Disorder Society: Chair of Tremor Task Force, Chair of Tremor Study Group
Otolaryngology	Carol Bauer, MD	Hearing International: Secretary; American Otological Society: Education Director and President-Elect

Faculty National Leadership (continued)

RESIDENTS OR FACULTY HOLDING A LEADERSHIP POSITION		
PROGRAM	RESIDENT OR FACULTY	LEADERSHIP ACTIVITY
Pediatrics	Doug Carlson, MD	American Board of Pediatrics: Chair of Credentials Committee, Subboard on Pediatric Hospital Medicine
	Sangita Basnet, MD	America Nepal Medical Foundation: Chairperson
	Michelle Miner, MD	Association of Pediatric Program Directors: Vice Chairperson Learning Technology Task Force
Plastic Surgery / Hand Surgery	Michael Neumeister, MD	American Board of Plastic Surgery: Senior Examiner and Director, Co-Chair of New Technology for Education Committee, Co-Chair of Program Coordinators Committee Intern Boot Camp Task Force Microsurgery 101; American Society for Peripheral Nerve: Chair of ByLaws Committee
	Nicole Sommer, MD	American Board of Plastic Surgeons: Oral Board Examiner
Quincy FCM	Thomas Miller, MD	Association of Family Medicine Residency Directors: Board of Directors
Quincy Sports Medicine	James Daniels, MD	Executive Committee Member for following organizations: National Quality Forum, American College of Preventive Medicine, American College of Environmental Medicine, Society of Teachers in Family Medicine, American Medical Society of Sports Medicine
Radiology	Nzeadi Uzochukwu, MD	Strategic Radiology: Board of Directors
Springfield FCM	Wendi El-Amin, MD	National Medical Association: Chair of the Women's Health Section; National Commission on Correctional Health Care: Board Member
	Harald Lausen, DO	American Osteopathic Association: Chair of the Bureau of Osteopathic Education; American College of Osteopathic Family Physicians: Chair of the Task Force on ACGME Single Accreditation System; Accreditation Council for Graduate Medical Education: Family Medicine Review Committee Member
	Dae Jeong, MD	World Taekwondo Federation: Medical Chairman; Pan-American Taekwondo Union: Continental Medical Chairperson; 2018 Pyeongchang Winter Olympics and Paralympics Organizing Committee: Venue Medical Officer of Bobsleigh Game
Surgery	Sabha Ganai, MD, PhD	Association for Academic Surgery Ethics Committee: Chair; Society for Surgical Oncology (SSO): Chair of Website and Social Media Communications Committee and Vice-Chair of Technology and Communications Committee
	Steve Hazelrigg, MD	Society of Thoracic Surgery: Chair of Taskforce on New Technologies in Thoracic Surgery
	John Mellinger, MD	American Board of Family Medicine: Board of Directors; American Board of Surgery: Director and Chair of General Surgery Residency Committee; Society of American Gastrointestinal and Endoscopic Surgeons: Board of Governors and Co-Chair of Resident & Fellow Training Committee
	Hilary Sanfey, MB, BCh, FACS	American College of Surgeons: First Vice President; Association of Women Surgeons Foundation: Chair
	John Sutyak, MD	American College of Surgeons: Senior Educator Advisory Board for ATLS
Urology	Kevin McVary, MD	American Urological Association: Chair of Public Media Committee
	Bradley Schwartz, MD	Government Service Urologists: Board of Directors of Army Reserve Representative Society
Vascular Surgery	Kim J. Hodgson, MD	Society for Vascular Surgery: Treasurer (2016), Vice President (2017)

Resident / Fellow Publications

PUBLICATIONS

Dermatology

Blaise B, Buescher L, Wilson ML. Multiple mucocutaneous ulcers associated with cocaine-induced midline destructive lesions. *Dermatology Online Journal*. Volume 22-9 (September, 2016).

Nielson C, **Schutte AJ**, Wilson ML. Myxofibrosarcoma presenting as an exophytic, multi-lobed nodule on the leg. *Dermatology Online Journal* 2016;22(6).

Emergency Medicine

Duong M, Botchway A, dela Cruz J, **Austin R**, McDaniel K, Jaeger C. Skin to Intramuscular Compartment Thigh Measurement by Ultrasound in Pediatric Population. *Western Journal of Emergency Medicine*. 2017.

Steen S, Jaeger C, Price L, Griffen D. Increasing Patient Safety Event Reporting in an Emergency Medicine Residency. *BMJ Quality*. 2017.

Tweet M, Waymack J. Renal Infarction from Type B Aortic Dissection. *JETem*. 2017.

Family & Community Medicine-Carbondale

Moonesinghe K & **Talati K**. What is the most appropriate target dose of spironolactone when used as a 4th line agent for hypertension? *Evidence Based Practice* 2017; 20(6):15.

Malone SB & **Rose JK**. Is acupuncture safe and effective for rheumatoid arthritis? *Evidence-Based Practice*. 2017; 20(2):10.

Yochum A, **Johnson S**. What is the best regimen to prevent exercise induced bronchoconstriction in a child with underlying asthma? *Evidence Based Practice*, 2016; 19(10):12.

Family & Community Medicine—Springfield

Iyengar H, Brenham C. Combination versus Monotherapy in Long Term Management of BPH. *Evidence-Based Practice*. 2016; 19(12); E10-11.

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

Putzer D, Frueh J. When should we stop mammography screening for breast cancer in elderly women? *Evidence-Based Practice*. 2017; 20(2); 6.

Seetharama A, Brenham C. Does Vitamin D Supplementation In Elderly Improve Cognition Outcomes? *Evidence-Based Practice*. 2017; 20(1); E3-E4.

Infectious Disease

Akram SM, Attia FN. Mycobacterium Avium Intracellulare. 2017 Jun 25. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2017 Jun-. Available from <http://www.ncbi.nlm.nih.gov/books/NBK431110/>. PubMed PMID: 28613762.

Akram SM, Bhimji SS. Mycobacterium Chelonae. 2017 May 16. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2017 Jun-. Available from <http://www.ncbi.nlm.nih.gov/books/NBK430806/>. PubMed PMID: 28613557.

Akram SM, Bhimji SS. Mycobacterium Kansasi. 2017 May 2. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2017 Jun-. Available from <http://www.ncbi.nlm.nih.gov/books/NBK430906/>. PubMed PMID: 28613656.

Grimm TA, Sundareshan V. Amikacin. 2017 Feb 6. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2017 Jun-. Available from <http://www.ncbi.nlm.nih.gov/books/NBK430908/>. PubMed PMID: 28613658.

Pervin N, **Akram S**, Hudali T, Bhattarai M, Waqar S. Disseminated Tuberculosis Presenting as Baker's Cyst Infection. *Case Rep Infect Dis*. 2017;2017:6527675. doi: 10.1155/2017/6527675. Epub 2017 Jan 10. PubMed PMID: 28163945; PubMed Central PMCID: PMC5259670.

Internal Medicine (also see Infectious Disease)

Desai M, **Iqbal M**, **Manthri S**, Robinson K, Mocharnuk R. The Association of Comorbid Conditions and BMI on Overall Survival in Geriatric Breast Cancer Patients. *J Clin Oncol* 35, 2017 (suppl; abstr e21525).

Iqbal M, **Manthri S**, Robinson K, Mocharnuk R, Desai M. Adjuvant Chemotherapy Related Toxicities and Their Impact on Treatment Cessation in Elderly Patients with Breast Cancer. *J Clin Oncol* 35, 2017 (suppl; abstr e21527).

Iqbal M, **Manthri S**, Robinson K, Mocharnuk R, Desai M. Impact of Adjuvant Endocrine Therapy Related Toxicities on Treatment Cessation in Elderly Breast Cancer. *J Clin Oncol* 35, 2017 (suppl; abstr e21528).

Mahmaljy H, & Bhimi S. "Aortic Valve, Transcatheter Replacement (TAVR/TAVI, Percutaneous Replacement)". *StatPearls Knowledge Base*. 2017, April.

Manthri S, **Iqbal M**, Desai M, Mocharnuk R, Robinson K. Impact of Modifiable Risk Factors on Clinical Outcomes in Geriatric Patients with Breast Cancer. *J Clin Oncol* 35, 2017 (suppl; abstr e21546).

Manthri S, **Iqbal M**, Robinson K., Mocharnuk R., Desai M. Tumor Biologic Characteristics and Clinical Outcomes in Geriatric Patients with Breast Cancer. *J Clin Oncol* 35, 2017 (suppl; abstr e21526).

Neurological Surgery (also see Neurology)

Cozzens JW, Lokaitis BC, Moore BE, Amin DV, Espinosa JA, MacGregor M, **Michael AP**, **El Kouzi A**, Elkouzi, RJ. Pearls & Oy-sters: Low-Pressure hydrocephalus and inadequate shunting. *Neurology*. 2017 Apr 25;88(17):e174-e177. <http://dx.doi.org/10.1212/WNL.0000000000003872>.

Michael AP, **Jones BA**: A phase I dose escalation study of oral 5-aminolevulinic acid in adult patients undergoing resection of a newly diagnosed or recurrent high-grade glioma. *Neurosurgery* 81:46-55, 2017.

Slotkin JR, Ross OA, Newman ED, Comrey JL, **Watson V**, Lee RV, Brosious MM, Gerrity G, Davis SM, Paul J, Miller EL, Feinberg DR, Toms SA. Episode-Based Payment and Direct Employer Purchasing of Healthcare Services: Recent Bundled Payment Innovations and the Geisinger Health System Experience *Neurosurgery* 80:S50-S58, 2017 DOI:10.1093/neuros/nyx004 www.neurosurgery-online.com.

Neurology (also see Neurological Surgery)

El Kouzi A, Murr N. Heterotopic gray matter and idiopathic Rapid Eye Movement Sleep Behavior Disorder *Neurology* April 18, 2017 vol. 88 no. 16 Supplement P3.067, PMID: 28438849.

Khan N, **Michael A**, Choucair A, Bit-Ivan E. Trigeminal Ganglioneuroma: A rare case of trigeminal Ganglioneuroma caused by cerebello-pontine angle tumor. *World Neurosurg* 2016 Dec 30. Published online, journal publication pending.

Khan N, Siddiqui FM, Goldstein JN, Cox M, Xian Y, Matsouka RA, Heidenreich PA, Peterson ED, Bhatt DL, Fonarow GC, Schwamm LH. Association Between Previous Use of Antiplatelet Therapy and Intracerebral Hemorrhage Outcomes. *Stroke*. 2017 Jan 1:STROKEAHA-117.

Resident / Fellow Publications

OBGYN

Zahnd WE, **Hyon KS**, Diaz-Sylvester P, Izadi SR, Colditz GA, Brard L, MD, PhD. Rural-Urban Differences in Surgical Treatment and Regional Lymph Node Examination in Endometrial Cancer Patients. Submitted to Cancer Causes and Control, May 2017. Under review.

Orthopaedics

Barinaga G, Chambers MC, el-Othmani MM, Siegrist RB, Sahel KJ. Affordable Care Organizations and Bundled Pricing: A New Philosophy of Care. *Orthop Clin North Am.* 2016 Oct;47(4):707-16.

Barinaga G, Sayeed Z, Anoushiravani A, Scaife S, El-Othmani M, Saleh KJ. Using a Comanagement Model to Develop a Hip Fracture Integrated Care Pathway. *J Healthc Manag.* 2017 Mar/Apr; 62(2):107-117.

Cagle PJ, **Patton JG**, **BeckRT**, Braman J. Lesser Tuberosity Osteotomy versus Soft-Tissue Subscapularis Release in Shoulder Arthroplasty: A systematic review. *Techniques in Shoulder and Elbow Surgery*, Vol 16, No 2, 15.05.2015, p 47-51.

Hatz D, Anoushiravani AA, Chambers MD, El-Othmani MM, Saleh KJ. Approach to Decrease Infection Following Total Joint Arthroplasty. *Orthop Clin North Am* 216 Oct: 47(4):661-71.

Patton J, Anoushiravani AA, Sayeed Z, El-Othmani MM, Saleh KJ. Implementing Population Health-based Research Models and Integrating Care to Reduce Cost and Improve Outcomes. *Orthop Clin North Am.* 2016 Oct 47(4) 717-24.

Barinaga G, Wright E, Cagle PJ Jr, Anoushiravani AA, Sayeed Z, Chambers MC, El-Othmani MM, Saleh KJ. Effect of Time of Operation on Hip Fracture Outcomes: A Retrospective Analysis. *J Am Acad Orthop Surg* 2017 Jan;25(1):55-60.

Wilson CJ, **Mitchelson AJ**, Tzeng TH, Vasdev S, LaMontagne HJ, Saleh KJ. Caring for the Surgically Anxious Patient: A Review of the Interventions and a Guide to Optimizing Surgical Outcomes. *American Journal of Surgery* (June 2015)

Otolaryngology

Ezeilo N. Cervicofacial Emphysema after Routine Dental Procedures: An Iatrogenic Complication or Odontogenic Infection with Necrotizing Fasciitis? *Annals of Clinical Case Reports* (Published 12 Nov 2016).

Hunter BN. Efficacy of KTP laser photocoagulation combined with cautery as treatment for epistaxis in HHT - *Journal of Otolaryngology & Rhinology* (Published 27 Oct 2016).

Hunter BN, White BR. "Painful Nodules on Feet of an 11-year-old Boy: Pseudomonas Hot-Foot Syndrome." *Pediatrics in Review*, Jun. 2017; 38(6).

Pediatrics

Basnet S, **Dario J**, Mueller G, Capriolo G. Application of a Protocolized Sedation Wean to Children Post-Invasive Mechanical Ventilation. *Critical Care Medicine*, 44(12): 324, December 2016.

Basnet S, **Shukla I**, Mueller G, Capriolo G. Implementation of a Nursing Led Triage Protocol for Pediatric Procedural Sedation. *Critical Care Medicine*, 44(12): 353, December 2016.

Capriolo G, **Yu C**, Basnet S. Improving Adherence to Hand Hygiene and Isolation Protocol Through Family Participation. *Critical Care Medicine*, 44(12): 87, December 2016.

Hulyalkar M, Barwise A, Garcia-Arguello L, Dong Y, Vukoja M, Schultz MJ, Adhikari NK, Bonneton B, Kilickaya O, Kashyap R, Gajic O, Schmickl CN. Checklist for Early Recognition and Treatment of Acute Illness: Evolution of a Content Management System for Point-of-Care Clinical Decision Support. *BMC Med Informatics and Decision Making.* 2016 Oct 3;16(1):127. DOI: 10.1186/s12911-016-0367-3. Epub Oct 16 PMID: 27716243.

Hulyalkar M, Gleich SJ, Kashyap R, Barwise A, Kaur H, Dong Y, Fan L, Murthy S, Arteaga GM, Tripathi S. Design and α -Testing of an Electronic Rounding Tool to Improve Process of Care in Pediatric Intensive Care Unit. *Journal of Clinical Monitoring and Computing.* 2016 Oct 18 DOI: 10.1007/s10877-016-9946-1. Epub Oct 16 PMID: 27757740.

Hulyalkar M, Rosenman JR, Fischer PR, Arteaga GM, Butteris SM, Pitt MB. Global Health Simulation During Residency. *Global Pediatric Health.* 2016 Aug 22;3:2333794X16663545. DOI: 10.1177/2333794X16663545. Epub Aug 16 PMID: 27583300.

Khanal A, Sharma AK, Basnet S. Current state of Pediatric intensive care and high dependency care in Nepal. *Pediatric Critical Care Medicine.* 2016(11);17:1032-1040. DOI: 10.1097/PCC.0000000000000938. Epub Sept 16.

Plastic Surgery / Hand Surgery

Abrams TE, Becker JC, Ratnapradipa D, **Ross AJ**, Neumeister MW. Recurring Themes of Network Support Exhibited by Adult Burn Survivors: A Qualitative Investigation. *American Journal of Health Studies.* 2016, Vol. 31 Issue 1, p1-10. 10p.

Currie KB, Ross P, Collister P, Gurunluoglu R. "Analysis of Scalp and Forehead Injuries in a Level I Trauma Center." *Journal of Craniocfacial Surgery*, Accepted for publication, December 2016.

Daugherty T, **Ross AJ**, Neumeister MW. Surgical Excision of Burn Wounds: Best Practices Using Evidence-Based Medicine. *Clinics in Plastic Surgery* 988, Volume 44, Issue 3 Stage: Article in Press, April 2017.

Daugherty THE, **Ross AJ**, Neumeister, MW. Surgical Excision of Burn Wounds; Best Practices Using Evidence-Based Medicine. *Clin Plas Surg.*, 2017; 44:2.

De la Garza M, Sauerbier M, Gunter G, Cetrulo CL Jr, Bueno RA Jr, Russell RC, Neumeister MW. *Hand Clin.* 2017 May; 33(2):347-361.

De la Garza M, Sauerbier M, Gunter G, Cetrulo CL Jr, Bueno RA Jr, Russell RC, Neumeister MW. Microsurgical Reconstruction of the Burned Hand and Upper Extremity. *Hand Clin.* 2017 May; 33(2):347-361.

Jaligama S, Saravia J, You D, Yadav N, **Lee GI**, Shrestha B, Cormier SA. Regulatory T Cells and IL10 Suppress Pulmonary Host Defense During Early-Life Exposure to Radical Containing Combustion Derived Ultrafine Particulate Matter. *Respir Res.* 2017; 18(1):5, PMID: 28086957.

Jordan SW, **De la Garza M**, Lewis VL Jr. Two-stage treatment of ischial pressure ulcers in spinal cord injury patients: Technique and outcomes over 8 years. *J Plast Reconstr Aesthet Surg.* 2017 Jan 23. (Epub ahead of print).

Lyons DA, **Mendenhall SD**, Neumeister MW, Cederna PS, Monoh AO. Aseptic Versus Sterile Acellular Dermal Matrix in Breast Reconstruction: An Updated Review. *Plast Reconstr Glob Open* 2016;4e823. Published online July 22, 2016.

Mendenhall SD, Anderson LA, Ying J, Boucher KM, Liu T, Neumayer LA, Agarwall JP. The BREASTrial: Stage II: Breast Reconstruction Outcomes From Definitive Reconstruction to 3 Months Postoperative. *Plast Reconstr Surg. Glob Open.* 2017 Jan 25;5(1):e1209.

Mendenhall SD, Sawyer JD, Adkinson JM. A Photographic Journey Through Successful Artery-Only Total Ear Replantation. *ePlasty* 2016 Dec 28;16:e39.

Ross AJ, Berry NN. Right Ventricular Perforation from a Floating Rib following Deep Sternal Wound Infection Debridement and Application of a Vacuum-Assisted Closure Device: Case Report and Literature Review. *ePlasty*, 2017, Vol. 17, e15.

Ruebhausen MR, **Mendenhall SD**, Neumeister MW, Berry NN. Post-surgical Pyoderma Gangrenosum Following Carpal Tunnel Release: a Rare Disease Following a Common Surgery. *ePlasty* 2017 Mar 21;17:e10. eCollection 2017.

Schmucker RW, Neumeister MW. Fillet Flaps in Cases of Mutilating Trauma. *Master Techniques in Orthopaedic Surgery: Soft Tissue Surgery 2nd Edition*. Edited by Steven L. Moran, MD, William P. Cooney III, MD, Morrey Wolters Kluwer 2017, Chapter 21: 239-251.

Snider CC, **Amalfi A**, **Hutchinson L**, Sommer N. New insights into the anatomy of the midface musculature and its implications on the nasolabial fold. *Aesthetic Plast Surg*. 2017 May 15. Doi: 10.1007/s00266-017-0889-9. [Epub ahead of print].

Yan JG, Shen FY, **Thayer J**, Yan Y, LoGiudice J, Matloub H, Sanger J, Zhang LL, Havlik R. (2017). Repair of the musculocutaneous nerve using the vagus nerve as donor by helicoid end-to-side technique; an experimental study in rats. *Journal of Neuroscience Research*. doi: 10.1002/jnr.24074.

Psychiatry

Nepal H, Black E, Bhattarai M. Self-harm in sertraline-induced akathisia. *Prim Care Companion CNS Disord*. 2016 Dec 22;18(6). doi: 10.4088/PCC.16l01952.

Shah RP, Alluri V, Sharma S. (2017). Treatment of agitation in Huntington's disease with electroconvulsive therapy. *The Journal of Neuropsychiatry and Clinical Neurosciences*. doi:10.1176/appi.neuropsych.16080161.

Pulmonary

Viteri E, **Foray N**, Song M, and Long D. A Case of Chronic Cough in a Winemaker. *Respiratory Medicine Case Reports* 21 (2017) 46-48.

Sports Medicine – Quinicy

Arguelles CS, Daniels JM, Miller-Spears EM. Running Back with an Achy Thigh. Poster presentation at AMSSM 26th Annual Meeting. San Diego, CA. May 2017.

Surgery

Bailey, Reid, Mellinger, Shaheen, Alanee. "Summative evaluation of prosthetics in abdominal wall reconstruction". *American Urological Association Update Series* 2016; lesson 31.

Cooper, Desai, Scaife, Gonczyk, Mellinger. "Volume, specialty background, practice pattern, and outcomes in endoscopic retrograde cholangiopancreatography: an analysis of the national inpatient sample". *Surg Endosc*. 2016 Nov 4. [Epub ahead of print] PMID 27815746.

MacKinney E, Lin B, Ciecko AE, Serreze DV, Chen YG. "Congenic mapping identifies a novel Idd9 subregion regulating type 1 diabetes in NOD mice." *Immunogenetics*. 2017 Mar;69(3):193-198.

McDow, Jakoby, Garfinkel. "Portal Vein Thrombosis in the Setting of Newly Diagnosed Cushing's Syndrome". *Journal of Investigative Medicine High Impact Case Reports* April-June 2017: 1-4. PMID 27796442.

Rejowski B, Carr RA, Cote GA, Pitt HA, Zyromski NJ. "Systematic review of hypertriglyceridemia-induced acute pancreatitis: A more virulent etiology?" *Pancreatol*. 2016 Jul-Aug;16(4):469-76. PMID: 27012480.

Tehrani, Desai, Lehman, Wilkerson. "Implementation of an Early Palliative Care Referral Program: A Pilot Study in Quality". *J Palliat Med* 2016 Dec; 19(12):1241-1242 PMID 27792452.

Wetzel, Mellinger, Huang. "Diagnostic Endoscopy During PEG ". *Percutaneous Endoscopic Gastrostomy (PEG): Techniques, Effectiveness and Potential Complications*. Pauli E & Marks J (eds). Nova Science Publishers. 2017, Ebook, ISBN 978-1-63485-617-1.

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 Apr 10. pii: S1558-7673(17)30086-1. doi: 10.1016/j.clgc.2017.04.002. [Epub ahead of print] PubMed PMID: 28461179.

Baas W, Köhler TS. Testosterone replacement therapy and voiding dysfunction. *Transl Androl Urol*. 2016 Dec;5(6):890-897. doi: 10.21037/tau.2016.08.11. Review. PubMed PMID: 28078221; PubMed Central PMCID: PMC5182217.

Clemons J, Zahnd WE, Nutt M, **Sadowski D**, Dynda D, Alanee S. Impact of Urologist Density and County Rurality on the Practice of Retroperitoneal Lymph Node Dissection and Cancer-Specific Death in Patients with Nonseminomatous Germ Cell Tumors. *J Adolesc Young Adult Oncol*. 2017 Mar;6(1):83-90. doi: 10.1089/jayao.2016.0028. Epub 2016 Jul 13. PubMed PMID: 27409991.

Ring J, Welliver C, Parenteau M, Markwell S, Brannigan RE, Köhler TS. The Utility of Sex Hormone-Binding Globulin in Hypogonadism and Infertile Males. *J Urol*. 2017 May;197(5):1326-1331. doi: 10.1016/j.juro.2017.01.018. Epub 2017 Jan 10. PubMed PMID: 28087298.

Welliver C, **Kottwitz M**, Ahmad AE, Wilson SK, Köhler TS. Manufacturers' data show increasing implanted cylinder sizes and measured corporal lengths in inflatable penile implants. *World J Urol*. 2016 Jul;34(7):993-8. doi:10.1007/s00345-015-1705-2. Epub 2015 Oct 16. PubMed PMID: 26475275.

Vascular Surgery

Avgerinos ED, Chaer RA, **Naddaf A**, El-Shazly OM, Marone L, Makaroun MS. Primary closure after carotid endarterectomy is not inferior to other closure techniques. *J Vasc Surg* 2016;64:678-683.

Desai SS, **Naddaf A**, Pan J, Hood D, Hodgson KJ. Impact of consensus statements and reimbursement on vena cava filter utilization. *J Vasc Surg* 2016;64:425-9.

Dua A, Andre J, **Nolte N**, Pan J, Hood D, Hodgson, KJ, Desai SS. The impact of physician specialization on clinical and hospital outcomes in patients undergoing EVAR and TEVAR. *Ann Vasc Surg* 2016;35:138-46.

Resident / Fellow Presentations

PRESENTATIONS

Colon & Rectal Surgery

American Society of Colon and Rectal Surgeons Annual Meeting, June 2017, Seattle WA

Time to re-evaluate colonoscopy age cutoff? Adenomas more common in elderly than thought. Poster. **Fischer J**, Engelking N, Thiele J, Wietfeldt ED, Rakinic J

Emergency Medicine

17th International Meeting on Simulation in Healthcare (IMSH 2017), January 28-31, 2017, Orlando, Florida

A Low-Cost, Reusable Ultrasound Pericardiocentesis Simulation Model with Anatomical Landmarks Offering both Subxiphoid and Parasternal Long Viewing. Virtual Learning Showcase Demonstration. dela Cruz J, Kegg J, **Austin R**, **Fulks T**, Sumesh J, Boehler M, Jaeger C
Breaking out of Silos-Nursing/Physician Collaborative Simulation to Limit Bias and Improve Quality. Poster. Kegg J, dela Cruz J, Patel C, **Austin R**, Helmerichs A, Norman Z

CORD, April 27-30, 2017, Fort Lauderdale, Florida

Easily Replicated, Low-Cost, Portable Chest Wall Escharotomy Model. Poster. **Galanos K**, Lopez R, Jaeger C

Increasing Patient Safety Event Reporting in an Emergency Medicine Residency. Poster. **Steen S**, Jaeger C, Price L, Griffen D

Use of Multidisciplinary Simulation to Improve Communication Skills, Interpersonal Relationships, and Job Satisfaction in Emergency Medicine Residents. Oral Presentation. **Austin R**, dela Cruz J, Kegg J, Jaeger C, Patel C, Helmerichs A, Helmerichs M, Norman Z

SAEM Annual Meeting, May 16-19, 2017, Orlando, Florida

Development and Effectiveness of the Submassive Pulmonary Embolus Protocol. Oral Presentation. **Galanos K**, Yeager N, White P, Coakley K, Jaeger C, Griffen D

Easily Replicated, Low-Cost, Portable Chest Wall Escharotomy Model. Innovation Table Top Presentation. **Galanos K**, Lopez R, Jaeger C

Investigating Next Day Discharge Rate for Patients Admitted Through the Emergency Department as a Quality Marker. Oral Presentation. **Inabnit C**, Gruwell, Jaeger C, Griffen D

Endocrinology

AACE Meeting, Austin, Texas

Parathyroid Carcinoma is a Rare but Important Etiology of Hyperparathyroidism. **Elayyan A**, **McDow A**, Jakoby M, Sharma

Severe Hypothyroidism Presenting with Bradycardia. **Cherian M**

Endocrine Society, Orlando Florida

An Unusual Case of Polyostotic Paget Disease of Bone with Normal Alkaline Phosphatase Level. **Jabri H**

CASR Mutation Positive Hypercalcemia with Clinical Features of Primary Hyperparathyroidism. **Baral S**

Facial Flushing As a Presentation of Cerebral Amyloid Angiopathy: An Overlooked Cause of Spells. **Jabri H**

Incidental Adrenal Cyst Discovered on Evaluation After High Elevation Fall From a Tree. **Baral S**

Family & Community Medicine-Quincy

STFM 50th Annual Spring Conference, May 2017, San Diego, CA

The importance of understanding social and emotional intelligence to better enhance resident education. Dixon WH, Kewney R, **Nadarajah S**

Waking Up the Senses. Lecture and Workshop. Preconference Session: Integrating Osteopathic Manipulative Medicine into the Family Medicine Residency – An introduction. Mackrides PS, **Nakken GN**

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

A Case of Myalgia Cruris Epidemica in the Rural Hospital Setting. Poster. **Sowards C**, Mackrides PS

Family & Community Medicine-Springfield

AAFP PDW-RPS, March 2017, Kansas City, MO

Improving Hospital Transition: Optimizing Medical Reconciliation and Hospital Follow-up. **Singhi N**, **Wasey W**, Kreckman J

Infectious Disease

ID Week 2016, October 26-30, 2016, New Orleans, LA

Comparison of Posaconazole and Itraconazole for treatment of Histoplasmosis. Poster. **Bobbili K**, **Akram S**, Sundareshan V, Prakash V, Tyagi I, Waqar S, Bergman S, Koirala J

Internal Medicine

ACP Downstate Residents Meeting, October 2016 and Internal Medicine 2017, March 29-April 2, 2017, San Diego, CA

An Interesting Case of Neuroburelliosis in a Post-renal transplant Patient. Poster. **Saeed Zafar, S**

QI initiative to control the use of inappropriate antibiotics in the treatment of asymptomatic bacteriuria and UTI. Poster. **Kandaswamy, S**

Cardiovascular Research Foundation - Transcatheter Valve Therapies (TVT), Chicago, IL, June 2017

Simultaneous Oral Transcatheter Transfemoral Aortic and Transeptal Mitral Valve Replacement Using Edward SAPIEN S3. Presentation. **Fanari Z**, **Mahmaljy H**, **Al-Akchar M**, Nandish S & Goswami N

Medicine/Psychiatry (also see Psychiatry)

American Neuropsychiatry Association Annual Meeting, March 2017, Dallas, TX

Delusional Misidentification of Self in a Patient with Schizophrenia and History of Traumatic Brain Injury. Poster presentation. **Adaramola D**, **Nepal H**, Bennett J

American Association for Geriatric Psychiatry Annual Meeting, March 26, 2017, Dallas, TX

Common Factors Associated with Readmission to a Psychiatric Unit in a Pilot Study of Dementia Patients. Poster presentation. **Parks K**, Alluri V, Kisch S

American Psychiatry Association Annual Meeting, San Diego, CA, May 2017

Diagnosing Ekbohm's Delusional Parasitosis in a Patient With Concurrent Amphetamine Use Disorder. Poster. **Adaramola D**, **Jia S**, **Baloch T**

Diagnosing Hashimoto's Encephalitis in a Patient With Recent Synthetic Marijuana Use and Probable Bipolar Disorder. Poster. **Adaramola D**, **Hussain M**

Neurology

AHA Scientific Sessions, November 2016, New Orleans, LA

Multi-modality Imaging with 18-fluoro-D-glucose (FDG) PET and cardiac magnetic resonance (CMR) imaging to identify metabolic remodeling in patients with ischemic ventricular tachycardia substrate. **Ume K**, Imanli H, Jeudy J, Smith M, Chen W, Vunnam R, Duell J, Bhaty S, Ghzally Y, Saliaris A, See V, Shorofsky S, Dilsizian V, Dickfeld T

International Stroke Conference, March 2017, Houston, TX

The Association of Prior Use of Antiplatelet agents and Increased Mortality and Morbidity in Intracerebral Hemorrhage Patients. Poster. (Accepted for oral presentation for April 2017). **Khan N**, Siddiqui F, Goldstein J, Xian Y, Cox M, Matsouaka R, Heidenreich P, Peterson E, Bhatt DL, Fonarow G, Schwamm L, Smith E

AAN meeting April, 2017, Boston MA

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

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

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

Use Of Pipeline Flow Diverters In Management Of Internal Carotid Blowout Caused By Endonasal Sinus Surgery. **Jahangir N, Khan N**, Siddiqui F, Casey M, Elias A

OB/GYN

31st Annual Clinical Meeting for the North American Society for Pediatric and Adolescent Gynecology, April 2017, Chicago, IL

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

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

Rural-Urban Variation in Surgical Treatment, Lymph Node Examination, and Adequate Lymphadenectomy for Endometrial Cancer Patients. Brard L, **Hyon KS**, Izadi SR, Diaz-Sylvester P, Zahnd WE, Colditz GA

2017 Annual Clinical and Scientific Meeting of the American Congress of Obstetricians and Gynecologists, May 2017, San Diego, CA

Expression and Regulation of Anti-angiogenic Genes and Pro-angiogenic Genes in Human Trophoblast. **Aguirre-Amezquita F**, Smith T, Schroeder M, Ismaee HI, Diaz-Sylvester P, Groesch K, Torry DS

Microbial profiles and tumor markers from culdocentesis: a novel screening method for epithelial ovarian cancer. Candel S, Karr M, Brard L, **Thomson JA**, Groesch K, Diaz-Sylvester P, Welge M, Bushell C, Zhu R, Auvil L, Miao R, Braundmeier-Fleming A

Orthopaedics (also see Vascular)

International Pediatric Orthopaedic Symposium, December 2016, Orlando, Florida

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

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

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

Orthopaedic Research Education Foundation Resident Research Day, May 2017, Chicago, Illinois

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

Otolaryngology

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

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

p16 Status Predicts Survival in Recurrent and Persistent Oropharyngeal Cancer. **White J**

Pediatrics

American Academy of Pediatrics National Conference and Exhibition, October 2016, San Francisco, CA

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

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

Application of a Protocolized Sedation Wean to Children Post-Invasive Mechanical Ventilation. Poster. Basnet S, **Dario J**, Mueller G, Majcina R, Capriolo G

Implementation of a Nursing Led Triage Protocol for Pediatric Procedural Sedation. Poster. Basnet S, **Shukla I**, Mueller G, Majcina R, Capriolo G

Improving Adherence to Hand Hygiene and Isolation Protocol Through Family Participation. Oral Presentation. Capriolo G, **Yu C**, Majcina R, Basnet S

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

Less Methadone and a Shorter Stay: Improving Care for Infants with Neonatal Abstinence Syndrome (NAS). Poster. **Malik M**, Batton B

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

A Rare Case of Disseminated Histoplasmosis in a Healthy Infant. Poster. Patel N, Tripathy S, **Chang K**

Plastic Surgery

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

New insights for botulinum neuromodulator targets for correction of nasolabial fold and midface rhytids: an anatomic study and introduction of the malar levator muscle. Award: ASPS 2016 Outstanding Paper Presentation. **Snider C**, Amalfi A, Hutchinson L, Sommer N

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

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

Pronator Syndrome: A Descriptive Analysis of a Single Surgeon's Experience in 46 cases. Poster. **Schmucker RW**, Mendenhall SD, Daugherty TH, Gupta A, Neumeister MW

Pronator Syndrome: A Descriptive Analysis of a Single Surgeon's Experience in 46 cases. **Schmucker RW**, Mendenhall SD, Daugherty THF, Winters J, Myhre JJ, Neumeister MW

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

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

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

Chimeric Multiple Perforator Fibula Flap: Expanding Single Flap Reconstruction and Optimizing Donor Site Morbidity. Berreiro GC, **Snider CC**

Resident / Fellow Presentations

Annual Meeting of the American Association for Hand Surgery (AASH), January 2017, Waikoloa, Hawaii

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

Congress of World Society for Reconstructive Microsurgery Annual Meeting, May 2017, Seoul, Korea

Chimeric Multiple Perforator Fibula Flap: Expanding Single Flap Reconstruction and Optimizing Donor Site Morbidity. **Berreiro GC, Snider CC**

The pedicled internal mammary osteomyocutaneous chimeric flap (PIMCO) for salvage head and neck reconstruction. **Berreiro GC, Snider CC**

Psychiatry (also see Medicine/Psychiatry)

28th Annual Meeting of the American Neuropsychiatric Association, March 2017, Dallas, TX

Benzodiazepine withdrawal induced myoclonus: Syndrome or prodrome? **Chakrabarty A, Bennett J**

HSV encephalitis with anti-NMDA receptor antibodies presenting as Kluver Bucy Syndrome. **Baloch T, Chakrabarty A, Buzdar I**

Annual Meeting of the American Psychiatric Association, May 2017, San Diego, CA

A rare case of managing agitation, anxiety, and depression in a patient with alternating hemiplegia of childhood. **Shah RP, Campbell P**

Cannabis-induced visual hallucinations: a case report. **Chakrabarty A, Alluri V, Baloch T**

Impact of a psychosocial program on the clinical outcomes of severe and chronic mental illness. **Dhat S, Kulys R, Chakrabarty A, Bennett J, Lee K, Soltys S, Onwuameze O**

Top treatment challenges in persons with IDD and psychiatric and/or behavioral disorders. **Bennett J, Baloch T, Adaramola D, Pary RP**

Pulmonary

American Thoracic Society International Annual Meeting Posters, May 2017, Washington DC

ARDS Secondary to Pulmonary Blastomycosis: A case report. Poster. **Ghosh M, Rah AS, Saeed F, Ghosh S, Song M**

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

Less is More: The untold story of Excessive Lidocaine Use for Elective Bronchoscopy. Poster. **Abdin H, Al-Azzawi H, Ahmad ZN, Saeed F, Ghosh M, Nemargommula S, Henkle J**

Primary Lung Cancer Presenting as Melena. Small cell Lung Cancer with Duodenal Metastases. Poster. **Al-Azzawi H, Abdin H, Zaza T**

Spontaneous Pneumomediastinum. A Case Report and Literature Review. Poster. **Ghosh M, Sinha Ray A, Foray N, Ghosh S, Song M**

Sports Medicine-Carbondale

AMSSM 26th Annual Meeting, May 2017, San Diego, CA

A Rare Cause of Knee Instability in a High School Football Player. Poster. **Kohlenberg A**

Sports Medicine-Quincy

AMSSM 26th Annual Meeting, May 2017, San Diego, CA

Running Back with an Achy Thigh. Poster. **Arguelles CS, Daniels JM, Miller-Spears EM**

Radiology

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

Endoscopic Remission After Infliximab Treatment in a Patient with Ipilimumab-induced Colitis. **Ryan D**

International Stroke Conference, February 2017, Houston, TX

Initial Clinical Experience with the Double Aspiration Modification of the ADAPT Technique. **Chastain L**

American Roentgen Ray Society Meeting, April 2017, New Orleans, LA

CT Signs of Internal Hernia Following Roux-en-Y Gastric Bypass with Surgical Correlation. **Ngo S**

American College of Radiology Annual Meeting, May 2017, Washington DC

Imaging That Informs Treatment Decision Making That Enables Improvement in Clinical Outcomes. **Ryan D**

4th World Congress of Thoracic Imaging, June 2017, Boston, MA

Should the Word "Infiltrate" Be Used in Chest Radiology Reports? An Analysis of Arguments. **Retzer A**

Surgery (also see Endocrinology)

Academic Surgical Congress, February 7-9, 2017, Las Vegas, NV

Impact of Endocrinologist and Surgeon Density on Thyroid Cancer Survival. **McDow, Ganai**

National Trends in Surgical Decision-Making for Early-Stage Esophageal Cancer. **Sturm, Ganai, Zahnd, Mellinger**

Oncologic Adequacy of Resection in Elective Versus Emergent Cases of Colon Cancer. **Tehrani, Garfinkel, Desai**

Society for Surgical Oncology 2017 meeting, March 15-18, 2017, Seattle, WA

Impact of Time to Surgery on Rural-Urban Disparities in Breast Cancer. **Buckley, Ganai, Mellinger, Rea**

National trends in local excision and esophagectomy for cT1N0 esophageal cancer". **Sturm, Ganai, Zahnd, Mellinger**

ASBrS meeting, April 26-30, 2017, Las Vegas, NV

Impact of Rural-Urban Status on Survival After Mastectomy without Reconstruction versus Mastectomy with Reconstruction. **Buckley, Ganai, Mellinger, Rea**

DDW 2017, May 6-9, 2017, Chicago, IL

Rural-Urban and Regional Differences in Receipt of Esophagectomy for Early-Stage Esophagus Cancer. **Sturm, Ganai, Zahnd, Mellinger**

Urology / Andrology

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

30-day all-cause hospital readmission after cystectomy no worse for rural Medicare residents. **Sadowski, Scaife, Alanee**

Chronic Ureteral Stenting: A contemporary analysis. **Fiuk, Schwartz Neil, MD.**

Early Outcomes of Concurrent Tachosil Grafting with IPP placement. **Patel, Butcher, Kohler**

Evaluating population-based risk of proximity to coal mining for kidney and bladder cancer using geospatial analysis in Illinois. **Sadowski, Mueller, Zahnd, Warner, Alanee, McVary**

Immune characterization of the programmed death receptor pathway in high risk prostate cancer. **Baas**, Gershburg, Dynda, Delfino, Robinson, Nie, Yearley, Alane

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

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

Post-finasteride syndrome: real or imagined? **Baas**, Butcher, Lwin, **Holland**, Herbert, Clemons, Delfino, Althof, Kohler, McVary

Post-finasteride syndrome: is dutasteride unfairly accused? **Baas**, Butcher, Clemons, Lwin, **Holland**, Herberts, Delfino, Althof, Kohler, McVary

Recurrent retroperitoneal desmoplastic small round cell tumor in young child. **Fiuk**, Molik, Beck

Resident impact on single surgeon outcomes of robotic assisted laparoscopic prostatectomy. **Sulaver**, **Holland**, Stevenson, Lieber, McVary

The complete primary repair of exstrophy – single procedure or staged reconstruction? **Ring**, Delfino, Mathews

The utilization of partial orchiectomy in treating small testicular tumors in the United States. **Holland**, Clemons, Nutt, Dynda, Alane

SMSNA, November 3-6, 2016, Scottsdale, AZ

Calculated Free T and T:E Ratio but not Total Testosterone and Estradiol Predict Low Libido. Poster. **Gupta**, Mueller, Kohler

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

Sexual Frequency in a Cardiovascular Clinic Population. Poster. **Baas**, Mueller-Luckey, Kohler

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

European Association of Urologists, March 24-28, 2017, London, England

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

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

A cost analysis of renal biopsy vs laparoscopic cryoablation for initial management of small renal masses. Poster. **Kottwitz**, **Tieu**, **Ring**, Schwartz

Calculated Free T and T:E Ratio but not total testosterone and estradiol predict low libido. Poster. **Gupta**, **Holland**, Mueller, Kohler

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

Convective Radiofrequency Water Vapor Energy Prostate Ablation (Rezum) Effectively Treats Urinary Retention. Poster. **Holland**, **Gupta**, Delfino, Dynda, Beahrs, Wagrell, El-Zawahry, Kohler, McVary

Intermediate Outcomes of Concurrent Tachosil Grafting with inflatable penile prosthesis placement. Poster. **Patel**, McVary, **Gupta**, Butcher, Kohler

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

Sex Hormone Binding globulin independently predicts oligospermia in male fertility patients. Poster. **Ring**, Welliver, Parenteau, Markwell, **Gupta**, Brannigan, Kohler

Vascular Surgery

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

Effect of Total Knee Arthroplasty on Calf Muscle Pump Function. **Mitchelson A**, Whitaker T, Hood DB, Hodgson KH, **Nolte RN**

Resident / Fellow Research

RESEARCH

Adult Reconstruction (also see Orthopaedics)

Danielsky P, Allan DG. Short Stem vs long stem of the Fitmore Stem.

Graham RD, Horberg J, Shervin D, Allan DG. SI Assessing Weight Bearing Surface in Dysplastic Acetabuli.

Lobrano CM, Graham RD, Horberg J, Shervin D, Allan DG. PJI after Poly exchanges.

Dermatology

Bowers S, Buescher L, Steffens A, Ginnetti M, Blaise B: Contributing Factors in Acne Treatment Adherence: A Brief Quality Improvement Survey. IRB approved. 2016 - Present.

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

Berry, Mattingly, Parker, Robinson, Schutte, Steffens: Psoriasis Longitudinal Assessment and Registry (PSOLAR).

Endocrinology

Jakoby M, Burns C, Yergler C, Lopinski S, Fratianni C, Jabri H, Botchway A. Impact of Dietary Protein and Fat on Postprandial Glycemic Excursions in Patients with Longstanding Type 2 Diabetes Mellitus Requiring Prandial and Basal Insulin.

Jakoby M, Sagum J, Tae W, Botchway A. A MultiCenter Observational Study of Glycemic Control and Complications for Long Term Care Residents with Diabetes Mellitus.

Infectious Disease

Koirala, Akram, Mukka. A Phase 4, Observational, Multicenter, 10-Year Prospective Cohort Safety Study Comparing Subjects with HIV-Associated Abdominal Lipohypertrophy Exposed to Egrifta® (Tesamorelin For Injection) to a Similar Group of Subjects not Exposed to Egrifta®.

Koirala, Akram, Mukka. A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multicenter Study to Evaluate the Safety and Efficacy of BAY 41-6551 as Adjunctive Therapy in Intubated and Mechanically-Ventilated Patients with Gram-Negative Pneumonia: Bayer 13084 - Amikacin study.

Koirala, Akram, Mukka. A prospective, randomized, placebo-controlled, double-blind clinical trial to evaluate whether Egrifta® (tesamorelin for injection), 2 mg once daily sc, increases the risk of development or progression of diabetic retinopathy when administered to HIV-infected subjects with abdominal lipohypertrophy and concomitant diabetes: EMD Serono Protocol # EMR200147-500.

Koirala, Akram, Mukka. A Randomized, Open-Label, Multicenter Study Of Liposomal Amikacin For Inhalation (LAI) In Adult Patients With Nontuberculous Mycobacterial (NTM) Lung Infections Caused By Mycobacterium avium Complex (MAC) That Are Refractory To Treatment. INSMED : INS-212.

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

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

Koirala, Alamu, Akram, Mukka. Prevalence of Hepatitis C among Homeless People in Central Illinois- A population based collaborative study.

Sundareshan, Akram, Mukka. A Phase 3 Randomized, Double-Blind Study Comparing TR701 FA and Linezolid in Ventilated Gram-positive Nosocomial Pneumonia.

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

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

Sundareshan, Akram, Mukka. Televancin Observational Use Registry.

Internal Medicine

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

Internal Medicine / Psychiatry

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

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

Neurological Surgery

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

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

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

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

Ganapathy V, Michael A. Adjacent Level Disease Following Axial Lumbar Interbody Fusion with Percutaneous Pedicle Screw Fixation.

Iias A, Greer W, Jones B, Siddiqui F. Investigating Correlation Between Intracranial Aneurysms and Aortic Arch Abnormalities.

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.

Elias, Khan, Siddiqui. Effectiveness of Post Operative Anticoagulation and Antiplatelet Therapy in Acute Vertebrobasilar Stroke.

Elias, Thakkar, Siddiqui. Admission Neutrophil-Lymphocyte Ratio as a predictor of outcomes in acute ischemic stroke patients treated with mechanical thrombectomy.

Siddiqui, Khan. The Financial Burden of Stroke Mimics Receiving Intravenous Tissue Plasminogen Activator (RETROSPECTIVE CHART REVIEW).

OB/GYN / Minimally Invasive Gynecologic Surgery

Abrams R, Raw A, Aguirre-Amezquita F. Amniotic Fluid Index vs. Maximum Vertical Pocket for the Assessment of Oligohydramnios.

Brard L, Hyon K. Addressing Rural Cancer Health Disparities: An SCC-SIUSM Partnership" (Washington University-SCC, St. Louis, MO and SIU School of Medicine, Springfield, IL).

Brard L, **Thomson A**. Diagnostic Utility of Culdocentesis in Patients with a Suspicious Adnexal Mass.

Brard L, Braundmeier-Fleming A, Semann A, **Kendall K, Hyon K, Pratt K**. Biomarkers for Endometrial Cancer.

Brard L, Braundmeier-Fleming A, Semann A, **Kendall K, Hyon K, Pratt K**. Validation of a Comprehensive Biomarker Panel Utilizing Machine Learning Analysis for the Diagnosis of Ovarian and Endometrial Cancers.

Braundmeier-Fleming A, **Roy S, McCoy K, Gong J**. Preterm Birth and the Microbiome.

Garza-Cavazos A, **Gong J**. Trends in Management of Adnexal Masses in the Pediatric/Adolescent Population.

Loret de Mola JR, Braundmeier-Fleming A, **Gassner J, Eugenio-Colón J**. Endometriosis and the Microbiome.

Loret de Mola JR, **Palencia L**. Diabetes, Prenatal Depression and Self-rated Health: Exploring the Mediating Role of Self-Efficacy.

Loret de Mola JR, Soltys S, Kurian J, **Diebold T**. Is Perinatal Pitocin Exposure Associated with Autism Spectrum Disorders?

Nelson E, **Giacalone M, Diebold T**. Assessment of Early Intrauterine Device Removal.

Nelson E, **McCoy K, Drury B**. Knowledge Assessment of the Risks of Cigarette Smoking and Exposure during Pregnancy.

Semaan A, Zeino Y, **Thomson A, Harris C, Butlin A**. Addressing unmet basic needs to improve adherence among women with an abnormal Papanicolaou test.

Siddique S, **Eugenio-Colón J, Roy S**. Deep Epigastric Vessel Location in the Gravid Abdomen

Siddique S, **Eugenio-Colón J**. Improved Methods for Clinic-based Interstim® Placement

Torry D, **Aguirre-Amezquita F**. Regulation of Gene Expression in Human Placentae

Younkin C, Unal ER, **Almdale A**. Vitamin D Deficiency and its Implications on the Fetus.

Zeino Y, Brard L, **Butlin A**. Prophylactic Salpingectomy Analysis: a Cost Effective, Risk Reduction Procedure for Ovarian Cancer.

Plastic Surgery / Hand Surgery

Daugherty T. Skin Improvement in Radiation Wounds: The Impact of Adipose Derived Stem Cells. Plastic Surgery Foundation Grant.

Mendenhall S. Utilizing Smart Phone Technology for Hand Surgical Education. Plastic Surgery Foundation Grant.

Neumeister MW, **Ruebhausen M**. A Bioengineered Skin to Heal Full Thickness Wounds. Memorial Medical Center Foundation Grant.

Neumeister MW, **Ross A**. LGR6+ Epithelial Stem Cells Augment Fracture Healing. Memorial Medical Center Foundation Grant.

Neumeister MW, **Snider C**. Human Hair Regeneration: A Cure for Male Pattern Baldness. Memorial Medical Center Foundation Grant.

Ross A. LGR6+ Epithelial Stem Cell Augmentation of Fracture Healing. Plastic Surgery Foundation Grant.

Schmucker R. Investigations of Fat Grafting as a Treatment Modality for Skin Fibrosis in Scleroderma. American Association for Hand Surgery Grant.

Orthopaedics (also see Adult Reconstruction)

Horberg J, Cagle P, Kurdi A, Voss B. 30 Day Readmission: A look at Total Hip Arthroplasty at Memorial Medical Center between 2010 and 2013.

Illingworth KD, El-Othmani M, Sayeed Z, Martinek M, Gabriel KR. Emergency Room Procedural Sedation in Pediatric Forearm Fractures. Manuscript preparation.

Illingworth KD, Gabriel KR. Case Report of Wrisberg Variant Discoid meniscus in 18-month-old. Manuscript preparation.

Illingworth KD, Gabriel KR, **Wilson CJ**, Rahman R. 2017-2018 Shannon Stauffer Memorial Research Grant: The use of Betadine, Hydrogen Peroxide and Vancomycin in Decreasing Time Dependent Pedicle Screw Contamination Grant: \$5,000.

Illingworth KD, Graham RD, Stevens B. Gastrocnemius Recession in Chronic Achilles Tendinopathy. A Clinical Cohort Study. Data collection.

Illingworth KD, Graham RD, Mayfield A, Martinek M, Gabriel KR. Radiographic Parameters of Sugar Tong Plaster Splints in Pediatric Distal Forearm Fractures. Manuscript preparation.

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

Illingworth KD, Martinek M, Gabriel KR. The Value of a Distal Radius Fracture Reduction Model in an Orthopaedic Surgery Residency Program. Manuscript preparation.

Illingworth KD, Wilson C, Rahman R. The use of Betadine, Hydrogen Peroxide and Vancomycin in Decreasing Time Dependent Pedicle Screw Contamination. Data collection.

Tapscott DC, Cagle P, Pate R. Turn of the Screw Fixation. E. Shannon Stauffer grant.

Wilson CJ, Rahman R, **Illingworth KD**, Gabriel KR. The use of Betadine, Hydrogen Peroxide and Vancomycin in Decreasing Time Dependent Pedicle Screw Contamination. E. Shannon Stauffer grant.

Otolaryngology

Sharma A, **White J**. Metastatic colon cancer presenting as mandibular mass, a case series

Sharma A, **White J**. Oropharyngeal Cancer: Patterns of Lymph Node Metastases and Treatment Outcomes.

Pediatrics

Agrawal P, Basnet S. IRB #16-569. PCOR initiative to improve care in the ICU.

Agrawal P, Jean-Louis M. IRB #16-604. How Can Growth Chart Choice Affect Patients' Care in Normal Nursery?

Agrawal P, Rodriguez M, Chaudhary S. IRB# 16-477. Case Series of Pediatric Hemophilus Influenzae.

Chang K, Miner M. IRB#17-062. Improving Discomfort, Pain and Fear Associated with Vaccines in the SIU General Pediatrics Clinic.

Hulyalkar M, Majcina R. IRB #17-061. Association Between Net Fluid Balance and Outcomes in Children with Moderate and Severe Bronchiolitis.

Kanbur V, Darling G. IRB #15-415. The Role of NICU Follow-up Clinics in Reducing the Health Care Utilization in Infants with Complex Medical Needs.

Resident / Fellow Research

Khanal A, Basnet S. IRB #17-042. Impact of Respiratory Therapists Driven Asthma Weaning Protocol on the Duration of Wean and Length of PICU Stay in Children with Acute Severe Asthma: A Trend Analysis.

Khanal A, Basnet S, Capriolo G. IRB Approved. PICU Diaries Project: A Pilot Analysis.

Khanal A, **Musaitif R**, Basnet S. IRB Approved. Assessing the Impact of Supplemental Potassium on Serial Potassium Levels in Children with Diabetic Keto-Acidosis Admitted to the PICU.

Komeswaran K, Basnet S. IRB #16-619. Reduction of Antibiotic Usage in Patients Admitted to the Pediatric Intensive Care Unit Post Antimicrobial Stewardship Program Guideline Implementation.

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

Lorenzo J, Capriolo G. IRB Submitted. Improvement in Patient Follow-up with Pulmonology Clinic in Patients Admitted to the PICU and Seen by Pulmonology.

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

Mathanda R, Brandt G. IRB #16-469. Assessment of Self-Awareness of Sickle Cell Status Among African American and Mixed Race Adolescents.

Mathanda R, Tripathy S, Miner M. IRB #16-509. A Simulated Intervention to Assess and Teach Pediatric Residents About Breaking Bad News/Having Difficult Conversations.

Musaitif R, Basnet S. The Effect of Potassium Supplementation on Serum Potassium in Children Admitted with Diabetic Ketoacidosis.

Panicker D, Vohra S. IRB #16-571. Improving Awareness Among Resident Physicians About the ROR Initiative.

Radel L, Batton B. IRB #16-622. Impact of Critical Congenital Heart Disease Screening in Springfield, IL.

Shukla I, Basnet S. IRB #17-042. Sedation Weaning Protocol.

Volle M, Patel N. IRB #16-609. Modeling SIDS Prevention Safety Measures on the Pediatric Inpatient Unit.

Yu X, Capriolo G. IRB #16-512. Gaining Insight on Effectiveness of Isolation Protocol.

Plastic Surgery

Daugherty T. Skin Improvement in Radiation Wounds: The Impact of Adipose Derived Stem Cells. Plastic Surgery Foundation Grant.

Mendenhall S. Utilizing Smart Phone Technology for Hand Surgical Education. Plastic Surgery Foundation Grant.

Neumeister MW, **Ross A**. LGR6+ Epithelial Stem Cells Augment Fracture Healing. Memorial Medical Center Foundation Grant.

Neumeister MW, **Ruebhausen M**. A Bioengineered Skin to Heal Full Thickness Wounds. Memorial Medical Center Foundation Grant.

Neumeister MW, **Snider C**. Human Hair Regeneration: A Cure for Male Pattern Baldness. Memorial Medical Center Foundation Grant.

Ross A. LGR6+ Epithelial Stem Cell Augmentation of Fracture Healing. Plastic Surgery Foundation Grant.

Schmucker R. Investigations of Fat Grafting as a Treatment Modality for Skin Fibrosis in Scleroderma. American Association for Hand Surgery Grant.

Psychiatry

Bennett, Shrestha, Alluri, **Chakrabarty**. Janssen Pharmaceutical study on "A Study of Intranasal Esketamine Plus an Oral Antidepressant for Relapse Prevention in Adult Participants With Treatment-resistant Depression".

Radiology

Mikesell T. Evaluation of Sorcil Angle for Utility in Diagnosing Adult Hip Dysplasia.

Sports Medicine - Quincy

Terrell T, Daniels J, **Arguelles C**. Genetic Risk Factors for Concussion in College Athletes (08-097).

Surgery

Ganai, **McDow**. Impact of Rurality on National Trends in Thyroid Cancer Incidence and Long-term Survival, 16-487.

Genii, Mellinger, Rea, **Buckley**. Rural-Urban trends for breast cancer, 15-239.

Ganai, Mellinger, Rea, **Buckley, Bailey**. Timing of Surgery for breast cancer, 15-239.

Ganai, Mellinger, Rea, **Bailey**. Impact of Time to Surgery on Rural-Urban Disparities in Breast Cancer, 15-239.

Ganai, **Regan, MacKinney**. Pancreatic cancer as a function of rurality and proximity to providers, 14-138.

Ganai, **Regan, MacKinney**. EUS Proximity for esophageal cancer, 14-138.

Ganai, **Regan, MacKinney**. The impact of rurality and access to gastroenterologists on disparities in pancreas cancer staging and mortality, 14-138.

Ganai, **Smith, MacKinney, Yeager**. VTE Prevention in Major Abdominal/Pelvic Oncology Surgical Patients, 14-198.

Ganai, **Smith, MacKinney, Yeager**. Investigation of Barriers to Utilization of Post-Discharge Venous Thromboembolism Prophylaxis for Post-Operative General Surgery Cancer Patients, 14-198.

Ganai, **Wetzel**. Community Perspectives of Colorectal Cancer Screening in Illinois, 16-507.

Ganai, Zahnd, Mellinger, **Sturm, Khan, MacKinney**. Disparities in esophageal cancer surgery, 16-514.

Ganai, Zahnd, Mellinger, **Sturm, Khan, MacKinney**. National trends in local excision and esophagectomy for cT1N0 esophageal cancer, 16-514.

Hofmann, **Cooper, Bauman, Khan**. Adenoma Detection Rates After A Negative Screening Colonoscopy, 16-587.

Wall, Mellinger, **Sturm**. An Appreciative Inquiry Approach to the Core Competencies: Taking it From Theory to Practice, 14-207.

Zahnd W, Angelos P, Mellinger, Ganai, **McDow**. Impact of Endocrinologist and Surgeon Density on Thyroid Cancer Survival, 16-487.

Urology

Alanee, **Sadowski**. Predicting hospital readmission after cystectomy. Cystectomy readmissions.

Dynda, **Baas**. PD-1/PD-L1 Analysis of High Risk Prostate Cancer Patients, PD L1 Pca.

Dynda, **Holland**. The Impact of Non-Disease Related Factors on Survival in Patients with Penile Cancer. UORA project.

Dynda, **Holland**. The Impact of Patient, Disease, and Treatment Related Factors on Survival in Patients with Adrenocortical Carcinoma. UORA ACC.

El-Zawahry, **Sadowski**. Intracorporeal Versus Extracorporeal Urinary Diversion with Robotic-Assisted Radical Cystectomy: A Retrospective Review. Urinary diversions.

Kohler, **Baas, Holland, Kottwitz, Sulaver**. Cardiac & Urologic Pathology/Prevalence Interplay Determination Study, 09-130 CUPPID.

Kohler, **Holland**. A comparison of waiting times for urologic surgery between academic and private practices utilizing the same facilities. Uro Surgery Wait Times.

Kohler, **Holland, Kottwitz**. Postoperative follow-up after vasectomy: What are we missing? Post Vas Pain.

Kohler, **Kottwitz, Sulaver**. Ventral Scrotoplasty at Time of Penile Implant: Is there a risk? Scrotoplasty.

Kohler, **Patel**. Tachosil Use in Peyronie's Repair: Quality Outcomes Study. Tachosil QL.

Kohler, **Ring**. Normal Variation of Sex Hormone Binding Globulin (SHBG) Undermines Accurate Diagnosis of Hypogonadism, 11-148.

Kohler, **Ring, Sadowski**. Scrotal pathology review and cost analysis. Quality: scrotal pathology.

Kohler, **Sulaver**. Intravesical Immunotherapy and Chemotherapy and their effect on Semen Parameters including DNA Integrity, BCG Sperm Study.

McVary, **Davis**. Retrospective Review of the Southern Illinois University School of Medicine Experience with Multiparametric Magnetic Resonance Imaging Guided Targeted Biopsy of the prostate. MRI prostate biopsy.

McVary, **Fiuk, Sadowski**. National vs local cancer management and outcomes : A comparison of SIU registries against the SEER-Medicare data set. SEER-M bladder CA.

McVary, **Sadowski**. Comparing a Local SIU Cohort of Men on Active Surveillance with Localized Prostate Cancer to a National Sample. SIU SEER-M Active Surveillance.

McVary, **Sadowski**. Investigating the etiology of kidney cancer disparities in Illinois. CaK etiology in IL.

Schwartz, **Fiuk, Ring**. Comparison of complication rates and surgical outcomes after percutaneous nephrolithotomy in patients with and without spinal cord injuries. PCNL-SCI.

Schwartz, **Holland, Kottwitz, Sadowski**. EEG Activity and Attention During Robotic Surgery. Body Wave.

Schwartz, **Kottwitz, Ring, Tieu**. Oncologic and Clinical Outcomes for Renal Mass Ablation with Cryotherapy. Renal Mass Cryotherapy.

Schwartz, **Ring**. Urology database for the management and treatment of Nephroureterolithiasis. Neural network.

Schwartz, **Fiuk**. Novel Use of Dual Energy CT in Evaluation and Management of Renal Masses and Cysts, DECT.

Vascular

Hodgson, **Nolte, Caldwell**. RACE.

Hodgson, **Nolte, Naddaf, Caldwell**. Aorfix-Pythagoras.

Hodgson, **Nolte, Naddaf, Caldwell**. Trivascular.

Hodgson, **Nolte, Naddaf, Caldwell, Choudry**. CREST.

Hodgson, **Nolte, Naddaf, Caldwell, Choudry, Zhang**. BEST-CLI Trial.

Hodgson, **Nolte, Naddaf, Caldwell, Choudry, Zhang**. GORE CEX-C AAA.

Hood, **Nolte, Naddaf, Caldwell, Choudry**. Celgene CCT-PDA-002-DFU-002.

Hood, **Nolte, Naddaf, Caldwell, Choudry, Zhang**. Gore Hybrid Dialysis.

Hood, **Nolte, Naddaf, Caldwell, Choudry, Zhang**. Voyager Bayer.



Office of Graduate Medical Education

P.O. Box 19656
Springfield, IL 62794-9656
(217) 545-8853
residency@siumed.edu



Pam Amitai
Office Administrator



Karen Broquet, MD, MHPE
Associate Dean of Graduate
Medical Education / DIO



Julie Rhodes
GME & Quality Improvement
Coordinator



Jennifer Rodgers
Director of Graduate
Medical Education



Debi Santini
Computer Information
Specialist