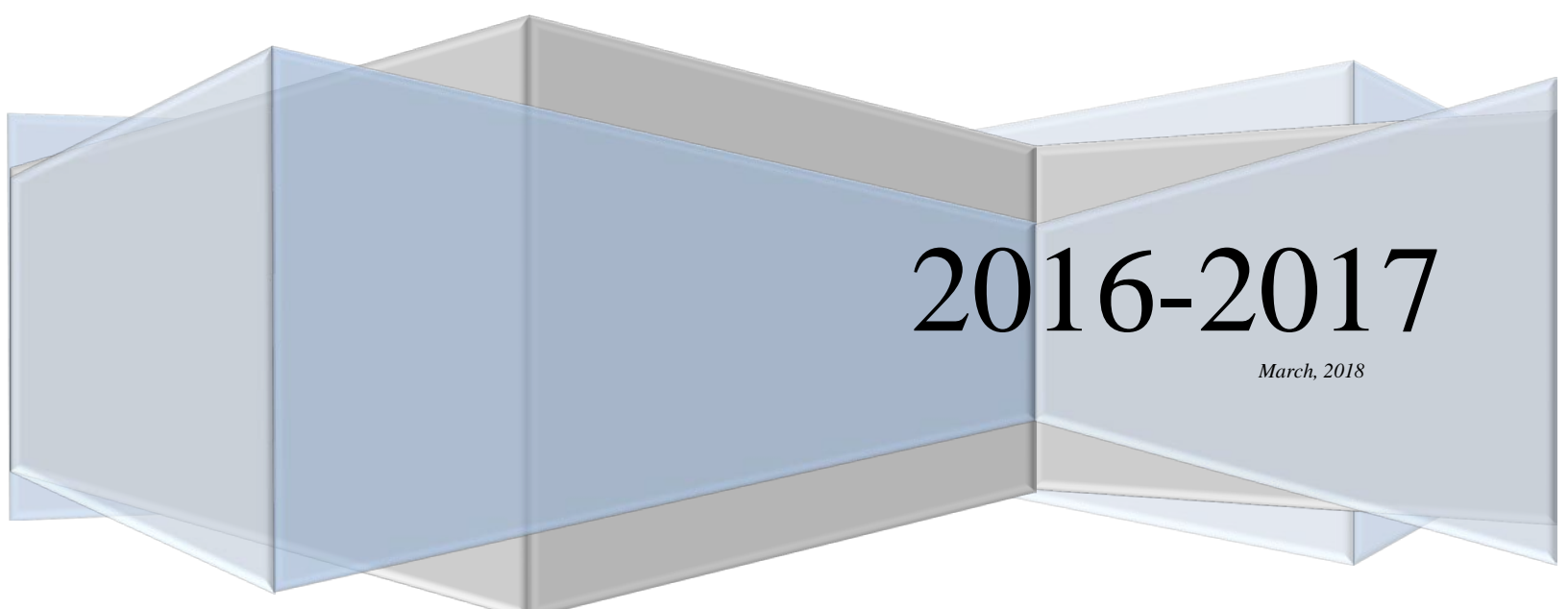


GME Annual Report

MSU-CHM Lansing Community



2016-2017

March, 2018

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**Michigan State University
College of Human Medicine
Graduate Medical Education Division**

**Annual Report
Academic Year 2016-17**

The Graduate Medical Education Division serves as the administrative “home” for the sixteen residency and fellowship programs sponsored by the College of Human Medicine. Within the functions of the division, the office monitors continued accreditation of our training programs with the Accreditation Council for Graduate Medical Education (ACGME). In this role, we ensure that appropriate support is available for our training programs to carry out their educational, research and patient care missions. At the same time, we ensure that our learners work within a safe and academically sound environment.

Among the accomplishments of the GME Office over the past academic year are the following:

1. Continued accreditation of each of our training programs. Over the upcoming year, our PMR and Pediatrics Residencies will be undergoing their first mid-cycle reviews.
2. Overall continued progress in addressing resident and faculty concerns expressed in the ACGME Annual Surveys. Results were presented at the June, 2017, GMEC meeting and action plans created by those programs with inadequate progress.
3. Recruitment of new fellow for our Geriatric Psychiatry Fellowship.

Because the College has no hospital, we are highly dependent upon developing and maintaining strong relationships with partner hospitals where our learners are located, particularly Sparrow Hospital in Lansing and McLaren Health System in Flint. We are fortunate that our partners share a common commitment to developing and maintaining strong training programs within their hospitals and communities. Our long relationship with Graduate Medical Education, Inc., is transitioning as many of the HR functions performed by GMEI have been moved to Sparrow. We continue to work with GMEI and our partner institutions in Lansing to hold the Greater Lansing Research Day, a very successful forum where our medical students, residents and fellows can share their research efforts with the community.

Our medical education partner, Sparrow Health System, opened a new Resident Communication Center in November, 2017. The additional space is welcomed for gathering, conference space and a comfortable area for residents to “unwind”.

Figure 1: ACGME Resident Survey 2014-15 (aggregate sponsor data)

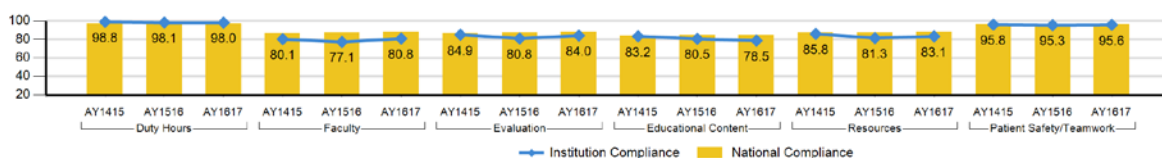
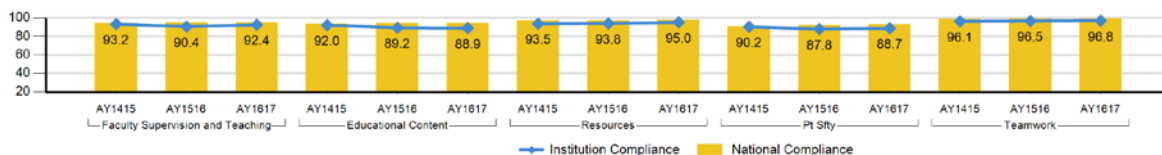


Figure 2: ACGME Faculty Survey 2014-15 (aggregate sponsor data)



Graduate Medical Education Office

The GME Office continued in its role of monitoring and assisting our programs in meeting ACGME reporting standards for milestones and completion of resident/fellow and faculty annual surveys.

Graduate Medical Education Committee

The GMEC met quarterly during the past academic year. During each meeting, roundtable discussions were held with contributions from each program director, along with resident representatives. Included in the discussion were:

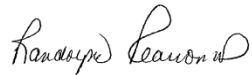
- Resident supervision—No global concerns regarding resident or fellow supervision were raised.
- Resident responsibilities—The GMEC monitors resident activities with respect to appropriate responsibility for patient care and peer education and found no areas of concern.
- Resident evaluation—With the transition to NAS, each program is responsible for appropriate recording of milestones within the ACGME's WebADS system. All programs have met designated deadlines for such reporting.
- Duty hour compliance—All duty hour violations as recorded within New Innovations have been cleared by their appropriate programs.
- Resident participation in patient safety and quality of care education—Resident forums are held quarterly, during which a patient safety/quality of care presentation is made. The GMEC receives the same presentation at the quarterly GMEC meetings. In addition, each program has program-specific educational programs addressing this vital area of resident education.

- Continued monitoring of effective hand-off systems for all training programs.
- Resident compensation and benefits—The GME Office and GMEC monitor compensation packages in comparison with statewide data and continue to find that the package presented to our residents and fellows is consistent with those in our state and region.

The GME office assisted in a CLER site visit at the Hematology-Oncology Fellowship at the Breslin Cancer Center. The program received a favorable review and results will be used by the program to improve the clinical learning environment.

Highlights of each program are attached.

Respectfully submitted,



Randolph L. Pearson, MD
Assistant Dean for Graduate Medical Education
MSU-CHM

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Cardiology Fellowship
Program Director: George Abela, MD, MSc, MBA, FACC, FNLA

Graduating residents and destinations:

1. Ali Al Arab, MD – Interventional Cardiology, Borgess, Kalamazoo, MI
2. Prem Subramaniam, MD – Interventional Cardiology, Borgess, Kalamazoo, MI
3. Fadi Alreefi, MD – Advanced Heart Failure, University of Michigan, Ann Arbor, MI
4. Madhab Lamichhane, MD – Advanced Heart Failure, University of Wisconsin, Madison, WI

Incoming residents and medical school attended:

1. Michael Kehdi, DO – Medical School – Michigan State University; IM Residency - Michigan State University
2. Abdul Safadi, MD – Medical School – University of Damascus Faculty of Medicine, Syrian Arab Republic; IM Residency – Wayne State University

Faculty changes

None

Major accomplishments over previous year:

- The cardiology fellowship program graduated the 53th fellow since it was started in 1995. Graduates are now practicing all around the US and globally.
- All four third year fellows who graduated last year have passed the Cardiology Board Exams.

Challenges/opportunities for upcoming year:

- Merging the MD and DO fellowship programs.

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care: Comparing vascular nuclear cardiology readings with coronary angiography which is the gold standard. This will determine if our nuclear cardiology readings are a well matched with angiography.

Medical Knowledge: We have now instituted an in training cardiovascular exam with ACC on a yearly basis to monitor fellow progress. Also, this is assessed during monthly and mid-year evaluations based on the various skill sets being taught during rotations.

Practice-based Learning and Improvement: This is assessed during monthly and mid-year evaluations based on the various activities during the rotations. This includes providing medical literature at meetings as well as during rounds to improve patient care.

Interpersonal and Communications Skills: Patient evaluation forms provide feedback on communication skills. Some of the questions are “The doctor listened to me; The doctor answered my questions fully.”

Professionalism: Patient evaluation forms provide feedback on professional skills. “The doctor respected and cared about me.”

Systems-based Practices: This is assessed during monthly and mid-year evaluations based on the various activities during the rotations. This is done by assessing when patients are being evaluated for coronary bypass surgery vs. percutaneous interventions as an example. Consultation and discussions with cardiac surgery and interventionalist are conducted by the fellow on the service.

Resident Scholarly Activity

first name	last name	conference presentations	chapters textbooks	participated in research	teaching presentations	had scholarly activity this academic year
Ali	Al Arab	4	0	Yes	Yes	Yes
Fadi	Alreefi	0	0	Yes	Yes	Yes
Abraham	Alsherbini	0	0	No	Yes	Yes
Madhab	Lamichhane	0	0	Yes	Yes	Yes
Manjunath	Raju	4	0	Yes	Yes	Yes
Muhamed	Safiia	4	0	No	Yes	Yes
Abdulkareem	Sharaf	0	0	Yes	Yes	Yes
Prem	Subramaniyam	3	1	Yes	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	chapters textbooks	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
RK	Thakur	Professor	1	3	0	Yes	Yes	Yes
Gaurav	Dhar	Clinical Assistant Professor	1	1	0	Yes	Yes	Yes
James	Schafer	Clinical Assistant Professor	1	1	0	Yes	Yes	Yes
Ronald	Voice	Clinical Associate Professor	1	1	0	Yes	Yes	Yes
Tim	Fischell	Professor	3	3	0	Yes	Yes	Yes
Joel	Cohn	Clinical Assistant Professor	1	1	0	Yes	Yes	Yes
John	Ip	Associate Professor	0	0	0	Yes	Yes	Yes
Appa Rao	Bandi	Clinical Assistant Professor	1	2	0	Yes	Yes	Yes
George	Abela	Director, Cardiovascular Disease Fellowship Program	6	8	2	Yes	Yes	Yes

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Child and Adolescent Psychiatry Fellowship
Program Director: Madhvi Richards, MD/Alyse Ley, DO

Graduating residents and destinations:

1. Erica Larson, DO – working in Marshfield, WI for the Marshfield Clinic
2. Dora Hillman, DO – doing tele-psychiatry for Spectrum Health in Grand Rapids, MI.

Incoming residents and medical school attended:

1. Sajeeb Adhikary, MD – Completed medical school at Saint James School of Medicine Bonaire and completed his PGY1-PGY3 years of General Residency at St. Mary Mercy Hospital in Livonia, MI.
2. Ayesha Khan, DO – completed medical school at the Kansas City University of Medicine and Biosciences and completed her PGY1-PGY4 years of General Residency at Detroit Wayne County Authority Health/Michigan State University in Detroit, MI.
3. Paul Wright, MD – completed medical school at University of Texas School of Medicine at San Antonio and completed years PGY1- PGY3 of his General Psychiatry residency at the University of Michigan. He also completed 6 months of Child and Adolescent Psychiatry fellowship training at the University of Louisville program.

Faculty changes

- Katherine Krive, DO left the department at the end of the program year.
- Paul Quinlan, DO will still be working with MSU Psychiatry fellows from his new position with the Olin Student Health Center, but will no longer be regular faculty with the Department of Psychiatry.

Major accomplishments over previous year:

- Samantha Kennedy – presentation at APA national conference. Multiple research projects approved through IRB.
- Erica Larson – MLEND-300 hours, MCAP-executive committee member, Legislative conference-ambassador, ACAAP- national outreach award, training forensic center
- Continued expansion of telepsychiatry services throughout the state to underserved areas and incorporation of the residents into the telepsychiatry program

- Continued compliance with ACGME rules, supervision requirements and hand off procedures.
- Educational conferences planned with Statewide Campus System addressing Neuroscience (November) and Resident wellness (March)
- Endowed Lecture Series – Enzer Speaker Dr. Meichenbaum
- Added Continuous quality improvement curriculum to supplement the group continued quality assurance project. Each resident completes an individual CQI that is tracked by the REC/PEC.
- Fellows all participate in teaching for OST 577 by facilitating small group sessions.
- Visiting Professor lecture with the Michigan Psychoanalytic Institute
- Fellows work with MSUCOM Counseling Center small groups

Honors (resident and faculty):

- Samantha Kennedy – presentation at APA national conference. Multiple research projects approved through IRB.
- Erica Larson – MLEND-300 hours, MCAP-executive committee member, Legislative conference-ambassador, ACAAP- national outreach award, training forensic center

Challenges/opportunities for upcoming year:

- Recruiting for upcoming years
- Additional sites for child fellow inpatient requirements
- Participation in Mid-Michigan Research day
- Additional fellow spots
- New elective out-rotations
- Recruiting child faculty

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care

- Chart reviews
- Review of patient outcomes on inpatient unit
- Rating form
- Faculty evaluations on all rotations

Medical Knowledge

- Child PRITE Exam
- Diagnostic assessments (mock boards)
- Review of charts and records
- Faculty evaluation
- Resident Presentations

Practice-based Learning and Improvement

- Resident seminar presentations
- Required written case presentations
- Seminar discussions
- Journal clubs

Interpersonal and Communications Skills

- Staff feedback
- Survey of patient satisfaction
- Direct observation
- Faculty evaluations

Professionalism

- Faculty evaluations
- Direct observation
- Attendance sheets
- Patient satisfaction survey

Systems-based Practice

- Faculty evaluation
- Resident Q/A project in outpatient clinic

AOA Competency Osteopathic Manipulative Medicine

- Approximately 10 hours of seminar in collaboration with Henry Ford Department of Psychiatry Residency Program. (This is added because the Child Psychiatry Program is dually accredited.)

Resident Scholarly Activity

first name	last name	conference presentations	participated in research	teaching presentations
Zachary	Gleeson	0	Yes	Yes
Dora	Hillman	0	No	Yes
Katherine	Krive	1	Yes	Yes
Erica	Larson	3	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	leadership or peer review role	teaching formal courses
Brian	Smith	Assistant Professor	2	2	Yes	Yes
Paul	Quinlan	Associate Professor	2	2	No	Yes
Jeanette	Scheid	Assistant Professor	0	1	No	Yes
Bernard	Biermann	Inpatient Director, University of Michigan	0	0	No	Yes
Andrew	Homa	Chief of Child Psychiatry, CMH			No	No
Jed	Magen	Department Chair	7	0	Yes	Yes
Michael	Barnes	Private Practice/Clinton-Eaton-Ingham Community Mental Health	0	0	No	Yes
Alyse	Ley	Assistant Professor, General Psychiatry Program Director	4	1	Yes	Yes
Louis	Anstett	Community faculty	0	0	No	Yes
Emily	Schnurr	Assistant Professor	0	0	No	No

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Endocrinology, Diabetes, and Metabolism Fellowship
Program Director: G. Matthew Hebdon, MD

Graduating residents and destinations:

Dr. Gaurav Bhalla – Lake Huron Medical Group, Port Huron, MI

Incoming residents and medical school attended:

1. Dr. Vengamamba Polu
 - a. Med School: Sri Venkateswara Medical College
 - b. Residency: Bassett Medical Center
2. Dr. Tariq Alrasheed
 - a. Med School: King Abdulaziz University College of Medicine and Allied Sciences
 - b. Residency: Michigan State University Internal Medicine Residency

Faculty changes

Dr. Muhammad Daoud is a new community faculty member from Memorial Healthcare in Owosso. Fellows will begin rotating through his clinic in the coming year.

Major accomplishments over previous year:

2nd year fellow, Dr. Gaurav Bhalla, was invited to attend the Endocrine University sponsored by the Mayo Clinic.

Honors (resident and faculty):

Dr. Saleh Aldasouqi was promoted to Professor.

Challenges/opportunities for upcoming year:

Incorporating new community based practice clinical rotation with Dr. Muhammad Daoud.

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

Reviewed by attending physician during rounds, clinic, and Monday clinical conference.

Medical Knowledge:

Reviewed by attending physician during rounds, clinic, and weekly didactics.

Practice-based Learning and Improvement:

All fellows do QI, which is part of their annual review.

Interpersonal and Communications Skills:

Full 360° evaluation during annual review.

Professionalism:

Full 360° evaluation during annual review.

Systems-based Practices:

Covered by attendings with fellows as part of the improvement plan.

Resident Scholarly Activity

first name	last name	conference presentations	participated in research	teaching presentations	had scholarly activity this academic year
Gaurav	Bhalla	6	Yes	Yes	Yes
Preethi	Krishnan	11	Yes	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	grant leadership	teaching formal courses
George	Hebdon	Assistant Professor	1	2	0	Yes
Saleh	Aldasouqi	Associate Professor	3	9	3	Yes
Naveen	Kakumanu	Assistant Professor of Medicine	2	3	0	Yes

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Family Medicine Residency
Program Director: Arturas Klugas, M.D.

Graduating residents and destinations:

None

Incoming residents and medical school attended:

1. Robina Ahmad, M.D., Ross University School of Medicine
2. Abigail Ducheine, M.D., Ludwig Maximilian University of Munich
3. Nayab Qureshi, M.D., American University of Antigua College of Medicine
4. Robert Reichmann, M.D., St. George's University School of Medicine

Faculty changes

None

Major accomplishments over previous year:

- Welcomed our first incoming class of residents in July

Honors (resident and faculty):

N/A

Challenges/opportunities for upcoming year:

- Will have our first 2nd year class; will now have 8 residents
- Faculty Recruitment

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

Residents see patients at the Family Practice Center (FPC) once a week, FMS-Inpatient, Nursing Home Visits began in February 2017.

Medical Knowledge:

Didactics, Journal Review, ABFM KSA Modules, ITE

Practice-based Learning and Improvement:

Longitudinal Curriculum Didactic Sessions.

Interpersonal and Communications Skills:

Longitudinal Curriculum Didactic Sessions.

Professionalism:

Longitudinal Curriculum Didactic Sessions.

Systems-based Practices:

Longitudinal Curriculum Didactic Sessions.

Faculty Scholarly Activity

first name	last name	conference presentations	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
Kurt	Anderson	0	No	Yes	Yes
Donald	Prouty	0	No	No	Yes
Arturas	Klugas	1	No	Yes	Yes

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: General Adult Psychiatry Residency

Program Director: Alyse Ley, DO

Graduating residents and destinations:

1. Sarah Lewis, DO – Completed all training August 12, 2016, is working in Washington State.
2. Nicholas Sandersfeld, DO- Completed all training July 21, 2016 and working in Washington State
3. Nicole Albrecht, MD – Completed all training June 30, 2016, working in Salt Lake City, UT at Intermountain Health Care System.
4. Daniel Dawis, DO – Completed all training June 30, 2016, working in Salt Lake City, UT at Intermountain Health Care System.
5. James Hartzler, DO – Completed all training June 30, 2016, working in Traverse City, MI at Munson Medical Center.
6. Shady Shebak, MD – Completed general training June 30, 2016, working at PineRest Christian Health and Olin Student health in Michigan.
7. Sarah Zyskowski, DO – Completed all training June 30, 2016, is completing Geriatric Psychiatry Fellowship at Michigan State University.
8. Samantha Kennedy, DO – completed requirements for general psychiatry and eligible to sit for boards, will continue as CAP 2 fellow in the MSU Child and Adolescent Psychiatry Program.

Incoming residents July 2017 (and medical school attended):

1. Michelle Bonnet MD – Wright State University Boonshoft School of Medicine
2. Matt Kardynal DO – Michigan State University College of Osteopathic Medicine, East Lansing MI
3. Hien Nguyen DO – Michigan State University College of Osteopathic Medicine, East Lansing MI

4. William Seydel DO – Michigan State University College of Osteopathic Medicine, East Lansing MI
5. Krishna Vempati DO – Michigan State University College of Osteopathic Medicine, East Lansing MI

Faculty changes

- Katherine Krive, DO left the department at the end of the program year.

Major accomplishments over previous year:

- Continued expansion of telepsychiatry services throughout the state to underserved areas and incorporation of the residents into the telepsychiatry program
- Continued compliance with ACGME rules, supervision requirements and hand off procedures.
- Commendation from the ACGME and continued accreditation.
- Recruiting new faculty for 2017-2018 program year
- APA SAMSHA Minority Fellowship-Nicole Albrecht MD
- Daniel Dawis DO-MPS Resident President
- Continued publication of the Muslim Mental Health Journal
- Hosted the annual Muslim Mental Health Conference
- FM/IM/Psychiatry integrated quarterly conference
- Educational conferences planned with Statewide Campus System addressing Neuroscience (November) and Resident wellness (March)
- Endowed Lecture Series – Enzer Speaker Dr. Meichenbaum
- Added professionalism series to the seminar curriculum as well as recruited new faculty to teach resident seminars.
- Added Continuous quality improvement curriculum to supplement the group continued quality assurance project. Each resident completes an individual CQI that is tracked by the REC/PEC.
- Added research curriculum with new research faculty Amara Ezeamama, PhD.
- PGY3-CAP1 residents all participate in teaching for OST 577 by facilitating small group sessions.
- Visiting Professor lecture with the Michigan Psychoanalytic Institute
- Residents work with MSUCOM Counseling Center small groups

Honors (resident and faculty):

- APA SAMSHA Minority Fellowship-Nicole Albrecht MD
- Nicole Albrecht MD-MPS Resident President
- Daniel Dawis DO-MPS Resident President
- Alycia Ernst received award from MPS for poster presentation
- Chau Tran and Adrienne Linskey participated in GMEI research day

- Nana Achampong received the student teaching award from CHM
- Alycia Ernst and Shady Shebak presented at the APA

Challenges/opportunities for upcoming year:

- Improving CQI project implementation for residents and faculty.
- Participation in area research days
- Implementation of new EMR Athena in the MSU Outpatient Clinics
- Upgrading computer software
- Resident Evaluation and feedback systems
- Recruiting for upcoming years:
 Given our unusual funding mechanisms and the fact that we participate in both the DO and MD match, we vary the numbers of first year residents we take each year and generally have 4-5 PGY-1's in any given year. We have flexibility to take a second year resident if we have a qualified applicant. We also do not have resident driven services, so that we have maximum flexibility in terms of resident numbers.

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient care

- Chart reviews
- Review of patient outcomes on inpatient unit
- Rating form
- Faculty evaluation on all rotations
- Handoff Procedures

Medical Knowledge

- Clinical Skills Evaluation
- PRITE Exam
- Board Review Series
- Required seminars and didactics

Practice-based learning and improvement

- Resident seminar presentations
- Required written case presentations
- Seminar discussions
- Journal clubs

Interpersonal and communications skills

- Staff feedback
- Survey of patient satisfaction
- Direct observation
- Faculty evaluations

Professionalism

- Faculty evaluations
- Formal seminars
- Direct observation
- Attendance sheets
- Patient satisfaction survey

Systems-based practice

- Faculty evaluation
- Resident Q/A project in outpatient clinic

(AOA Competency) Osteopathic Manipulative Medicine

- Approximately 8 hours of seminar in collaboration –Statewide Campus System
May 2016

Resident Scholarly Activity

first name	last name	conference presentations	participated in research	teaching presentations	had scholarly activity this academic year
Nana	Achampong	0	No	Yes	Yes
Nicole	Albrecht	2	Yes	Yes	Yes
Jamie	Arnold	0	Yes	Yes	Yes
Sin	Chu	0	No	No	Yes
Daniel	Dawis	0	Yes	Yes	Yes
Maninderpal	Dhillon	0	No	No	Yes
Alycia	Ernst	0	Yes	Yes	Yes
Jesse	Guasco	1	Yes	Yes	Yes
James	Hartzler	0	No	Yes	Yes
Nolan	Herrington	0	No	No	Yes
Matthew	Huckabee	1	No	Yes	Yes
Sarah	Lewis	1	Yes	No	Yes
John-Minh	Nguyen	0	No	Yes	Yes
Nicholas	Sandersfeld	0	Yes	Yes	Yes
Sierra	Witte	0	Yes	No	Yes
Junko	Yasuda-Free	0	Yes	Yes	Yes
Sarah	Zyskowski	0	No	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
Jed	Magen	Associate Professor Chairperson	7	0	Yes	Yes	Yes
Alyse	Ley	Program Director	5	5	Yes	Yes	Yes
Dale	D'Mello	Associate Professor	1	10	Yes	Yes	Yes
Deborah	Wagenaar	Associate Professor	2	1	Yes	Yes	Yes
Jose	Herrera	Assistant Professor	0	0	No	Yes	Yes
John	Baker	Geriatric Psychiatrist and Associate Clinical Professor	0	2	No	Yes	Yes

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Geriatric Psychiatry Fellowship
Program Director: Deborah B. Wagenaar, DO, MS

Graduating residents and destinations:
First year of program, no graduates

Incoming residents and medical school attended:
Sarah Zyskowski, DO MSU College of Osteopathic Medicine

Faculty changes

1. Delete Steve Aaronson, MD (left St. Joseph Mercy Hospital)
2. Delete Jenny Alkema MD (left St Joseph Mercy Hospital)
3. Add Michael Hunt MD (Sparrow/St Lawrence Geropsych Unit)

Major accomplishments over previous year:

- Our first fellow started the program in August 2017
- Creation of the MSU Geriatric Psychiatry Seminar series
- Increased resident interest in Geriatric Psychiatry promoting two applications for the AAGP Scholars Program, 2017. One application is currently pending for results.
- Multiple conference presentations and posters (AAGP, ADMSEP)

Honors (resident and faculty):

- Dr Allie Davis (PGY 2) was awarded an AAGP Honors Scholarship for 2017-18. This award consists of AAGP membership, attendance at the annual meeting, ongoing mentoring by research focused geriatric psychiatrist.

Challenges/opportunities for upcoming year:

- Recruitment of future fellows (MSU adult residency program may be a resource)
- Development of new rotations such as geriatric psychiatry at Ingham County Medical Care Facility
- Encourage research opportunities across the university

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

- Exposure to patient care opportunities in a variety of settings including inpatient, outpatient, consultation liaison and long-term care.
- Fellow manages a variety of psychiatric conditions including mood, thought and anxiety disorders.

Medical Knowledge:

- Weekly seminars in geriatric psychiatry topics increase medical knowledgebase. Seminars include journal club, grand rounds, case conferences and topical presentations
- Board preparation is included in each topical seminar throughout the year.
- Fellow working on an ECT research project for presentation at the completion of the program

Practice-based Learning and Improvement:

- Fellow involved in creating, monitoring and assessing the outcome of quality improvement measures (depression screening and use of MOCA) as part of her outpatient rotation.
- Two hours of weekly individual supervision provides feedback on decision making and clinical skills

Interpersonal and Communications Skills:

- Clinical Skills Examination (administered twice during the fellowship) evaluates interpersonal and communication skills, providing the fellow feedback for improvement
- Rotation and supervision evaluations from faculty and patient satisfaction surveys provide feedback on communication skills

Professionalism:

- Feedback from patient satisfaction surveys as well as direct observation of patient interactions provide information on professionalism

- Ethics/professionalism seminar focuses on late life ethical and professional issues

Systems-based Practices:

- The fellow is exposed to a variety of systems of care (inpatient, outpatient, long term care, acute care consultation liaison), learning electronic health records for each and providing care within institutional guidelines
- The fellow has exposure to community-based resources that can provide assistance during psychiatric treatment. The fellow visited Tri County Office Area on Aging to review community resources for older adults.

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	grant leadership	leadership or peer review role	teaching formal courses
Deborah	Wagenaar	Associate Professor and Program Director	2	1	0	Yes	Yes
John	Baker	Geriatric Psychiatrist and Associate Clinical Professor	0	0	0	No	Yes
Francis	Komara	Geriatrician, Ingham County Medical Care Facility Medical Director				No	No
Jayne	Ward	Associate Professor	2	3	1	Yes	Yes

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Hematology/Oncology Fellowship
Program Director: Anas Al Janadi, MD

Graduating residents and destinations:

1. Joseph Kannarkatt, MD – Hospital-based practice in Pennsylvania
2. Omar Alkharabsheh, MD – Hematologic malignancies fellowship at Mayo Clinic

Incoming residents and medical school attended:

1. Anas Alsara, MD
 - a. Damascus University (Syria) Med School
 - b. University of Illinois – Chicago Residency
2. Roba Alhasan, MD
 - a. Wayne State University Med School
 - b. Wayne State University / DMC Residency

Challenges/opportunities for upcoming year:

- Reduced funding from McLaren resulting in recruiting only 1 fellow through the NRMP Match.
- Incorporating a 2nd SACM funded fellow into the program.

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

- The program has intensive outpatient and inpatient training.
- Each fellow attends two half-day continuity clinics per week throughout the three years of the program. Added to the community-based clinics in Lansing area.
- All cases are discussed with faculty and evidence based management are always reviewed and applied.

Medical Knowledge:

- The program offers to all fellows the in-training exam of Hematology as well as the in-training exam in Oncology

- Also, the program offers paid subscription for Oncology Essentials for Fellows, This is a peer reviewed program administered by ASCO
- Fellows also have access to the American Society of Hematology Self-Assessment program.
- Weekly didactic educational sessions (core conference, Journal Club, etc.) are held throughout the year with presentation by faculty and fellows and attended/supervised by program faculty.

Practice-based Learning and Improvement:

- Weekly core conference presentation are prepared and delivered by fellows, which includes discussions of specific topics essential to their practice and a review of most up-to-date evidence.
- Fellows are directly observed and supervised during their interaction with patients during clinic and inpatient rounding and feedback is provided as necessary.

Interpersonal and Communications Skills:

- Fellows are directly observed and supervised during their interaction with patients during clinic and inpatient rounding and feedback is provided as necessary

Professionalism:

- Fellows are evaluated on this competencies area by faculty, clinic staff (includes clinical nursing and other support staff), evaluations are compiled through the milestone system and feedback is given to the fellows.
- Reading material is also provided by the program director to the fellows for review on this topic.

Systems-based Practices:

- Fellows attend a monthly providers meeting in the Breslin Cancer Center and feedback about their practice is provided by the clinic staff. Issues and appropriate solutions are identified and shared with the fellows in a direct manner.

Resident Scholarly Activity

first name	last name	conference presentations	participated in research	teaching presentations	had scholarly activity this academic year
Delshad	Ahmad	0	No	Yes	Yes
Mohamed	Akkad	2	No	Yes	Yes
Omar	Alkharabsheh	0	Yes	Yes	Yes
Joseph	Kannarkatt	0	No	Yes	Yes
Mohammed	Shaik	0	No	Yes	Yes
Hemasri	Tokala	0	No	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	grant leadership	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
Deimante	Tamkus	Associate Professor	1	2	10	Yes	Yes	Yes
Borys	Hrinczenko	Associate Professor of Medicine	4	1	13	Yes	Yes	Yes
Anas	Al-Janadi	Program Director	0	5	0	Yes	Yes	Yes

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Infectious Disease Fellowship
Program Director: Daniel Havlichek, MD

Graduating residents and destinations:

- Javeria Syed, MD, took a ‘medically underserved’ position in Crusaders Community Hospital, Rockford Illinois

Incoming residents and medical school attended:

None

Faculty changes

- Resignation of Dr. Apoorv Kalra September 2016
- Resignation of Dr. MaryAnn Tran, May 2017
- Hired Dr. Christopher Cooper, July 2017

Major accomplishments over previous year:

- Maintained the program in face of manpower challenges
- Dr. Mitra and I were able to co-author a chapter on thrombotic infections

Challenges/opportunities for upcoming year:

- Recruiting faculty and fellows to enhance the program

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

The Infectious Disease Fellowship continues to provide comprehensive patient care to the patients of Sparrow Hospital and the Region. Fellows see patients from all inpatient medical and surgical services at Sparrow, indigent persons with HIV thru the Ryan White Clinic at the Ingham County Health Department, and outpatients in the MSU General Infectious Diseases clinic. They also see solid organ transplant patients at Henry Ford Hospital and bone marrow transplant patients at the DMC.

Medical Knowledge:

Medical knowledge is addressed through daily interactions with the fellow during patient presentations, on rounds, in the clinic, by the in-training exam which is administered through the IDSA in February each year, and through interactions during conferences which are often presented in a question/response format.

Practice-based Learning and Improvement:

Fellows are involved in improving practice by lectures in the core conference series and projects monitoring appropriate stethoscopes in isolation rooms and correct discharge planning. These projects are currently ongoing. What is learned from each project is used to improve our patient practice.

Interpersonal and Communications Skills:

Interpersonal and communication skills are addressed through daily observation of interactions between the fellow and the patient and hospital/clinic staff on rounds or in the clinic, by lectures in the core conference series. Fellows are formally evaluated by clinic staff on this skill as well.

Professionalism:

Professionalism is addressed through daily observation of interactions between the fellow and the patient and hospital/clinic staff on rounds or in the clinic, and by lectures in the core conference series. Fellows are formally evaluated by clinic staff on this skill as well

Systems-based Practices:

Systems based practice is addressed through interactions with the Infection Prevention and Microbiology Laboratory teams. Through this interaction, fellows see how what they do as physicians impacts the larger enterprise.

Resident Scholarly Activity

first name	last name	participated in research	teaching presentations	had scholarly activity this academic year
Mohammed	Almanasif	Yes	Yes	Yes
Hanish	Singh	Yes	Yes	Yes
Javeria	Syed	Yes	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	leadership or peer review role	teaching formal courses
Daniel	Havlichek	Director, Infectious Disease Fellowship Program	0	10	Yes	Yes
Subhashis	Mitra	Assistant Professor of Medicine	1	0	No	Yes
Christopher	Cooper	Assistant Professor			No	No

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Integrated Residency in General Surgery
Program Director: Robert Osmer, M. D.

Graduating residents and destinations:

1. John Hardaway, MD, PhD- Surgical Oncology Fellowship, Roger Williams Medical Center, Providence, R.I.
2. Reginald Anunobi, MD- Private practice Athens, Ohio

Incoming residents and medical school attended:

1. Crystal Drayer, MD; Wayne State University School of Medicine
2. Michael Hollis, MD; Michigan State University College of Human Medicine
3. Marta Makuszewski, MD; Northeast Ohio Medical University
4. Tahereh Soleimani, MD; Tehran University of Medical Sciences
5. Albert Luong, MD (Prelim); Saba University of Medicine
6. Maryam Sadeghi, MD (Prelim); Shahid Beheshti University of Medical Sciences
7. Nakosi Stewart, MD (Prelim); Ross University School of Medicine
8. Mohammad Torabi, MD (Prelim); American University of Antigua College of Medicine
9. Eric McKeever, DO (Prelim); Michigan State University College of Osteopathic Medicine

Faculty changes

- Dr. Andy Saxe, retirement
- Dr. Bradford Mitchell, associate program director and interim program director

Major accomplishments over previous year:

- Commenced ACGME self- study with RRC full site review 04 DEC 2017
- Hired Program Coordinator Supervisor and Program Coordinator who established and populated a robust data collection system to support resident and faculty score cards that will greatly improve process of annual resident and faculty evaluation and GOAL setting.

Honors (resident and faculty):

- Dr. Osmer selected for surgery Lansing Outstanding Educator of the year
- Dr. Kia selected for surgery Flint Outstanding Educator of the year

Challenges/opportunities for upcoming year:

- Complete self-study
- RRC determination of Accreditation status winter or spring 2018
- Populate resident and faculty scorecards with actionable data

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

Residents provide faculty with “Observer Checklist” to facilitate formative feedback

Medical Knowledge:

In Service Training exam review each month.

Practice-based Learning and Improvement:

Residents lead or participated in Thyroid QI project

Interpersonal and Communications Skills:

Residents lead a Safety timeout with all office procedures

Professionalism:

The senior residents set an example for fatigue and stress management.

Systems-based Practices:

Our junior residents learn to efficiently arrange for disposition planning on the trauma service.

Resident Scholarly Activity

first name	last name	conference presentations	participated in research	teaching presentations	had scholarly activity this academic year
Michelle	Abghari	0	Yes	Yes	Yes
Reginald	Anunobi	0	Yes	Yes	Yes
Ian	Behr	1	Yes	Yes	Yes
Anthony	Darr	0	No	Yes	Yes
Danielle	Dougherty	1	Yes	Yes	Yes
John	Hardaway	2	No	Yes	Yes
Ashley	Holly	0	Yes	No	Yes
Kun-Tai	Hsu	0	Yes	Yes	Yes
Shay	Mansoor	0	Yes	Yes	Yes
Cody	Nebeker	1	Yes	Yes	Yes
Laura	Ochoa-Frongia	0	No	Yes	Yes
Chibueze	Onyemkpa	3	Yes	Yes	Yes
Andi	Peshkepija	0	Yes	No	Yes
Lewis	Rashid	1	No	No	Yes
Matthew	Rausch	0	No	Yes	Yes
Nicole	Zaremba	1	Yes	Yes	Yes
Yetnayet	Zewge	0	No	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	chapters textbooks	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
Robert	Molnar	Associate Program Director	4	0	1	Yes	Yes	Yes
Michael	McLeod	Associate Chair	1	0	0	Yes	Yes	Yes
Robert	Osmer	Program Director	0	3	0	Yes	Yes	Yes

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name Internal Medicine Residency
Program Director: Supratik Rayamajhi, M.D., FACP

Graduating residents and destinations:

1. **Tariq Alrasheed, M.D.**, Endocrinology Fellowship, Michigan State University, East Lansing, MI
2. **Kyunghee Burkitt, D.O.**, Hematology/Oncology Fellowship, National Institute of Health, Washington, D.C.
3. **Brian Grondahl, D.O.**, Cardiology Fellowship, Sparrow Hospital Lansing, MI
4. **Muhammad Faraz Ul Haq, M.D.**, Chief Resident, MSU Internal Medicine, East Lansing, MI
5. **Atanas Iliev, D.O.**, Hospitalist, Sparrow Hospital Lansing, MI
6. **Amanjot Kaur, M.D.**, Outpatient Physician University of Nevada at Reno, Reno, NV
7. **Sandra Mazzoni, D.O.**, Hematology/Oncology Fellowship, Medical University of South Carolina, Charleston, SC.
8. **Matthew Merrill, D.O.**, Academic Hospitalist, Dignity Health St. Joseph's Hospital and Medical Center, Phoenix, AZ
9. **Turab Raza, M.D.**, Hospitalist, Sparrow Hospital, Lansing, MI
10. **Anas Riehani, M.D.**, Hospitalist, Ohio State University, Columbus, OH
11. **Keren Shahar, M.D.**, Chief Resident, MSU Internal Medicine, East Lansing MI
12. **Ranbir Singh, M.D.**, Hospitalist, Reid Healthcare, Richmond IN
13. **Olivia Wilcox, D.O.**, Hospital Medicine, University of Colorado, Denver, CO

Incoming residents and medical school attended:

1. **Calvin Abro, M.D.** MSU College of Human Medicine, East Lansing, MI
2. **Fawzi Abu Rous, M.D.** University of Jordan Faculty of Medicine, Jordan
3. **Atinuke Aluko, M.D.** Obu Okunade Sijuade College of Health Sciences, Igbinedion University, Nigeria
4. **Varunsiri Atti, M.D.** Sri Venkateswara Medical College, India
5. **Sherif Elkinany M.D.** Alexandria University Faculty of Medicine, Egypt
6. **Ikponmwosa Enofe M.D.** University of Benin School of Medicine, Nigeria
7. **Asfar Ghauri, M.D.** Aga Khan University Medical College, Pakistan

8. **Khader Herzallah, M.D.** University of Dammam College of Medicine, Saudi Arabia
9. **Samanjit Kandola, M.D.** Government Medical College Amritsar, India
10. **Mark Mujer, M.D.** University of Philippines Manila College of Medicine, Philippines
11. **Sowmika Rao, M.D.** M.N.R. Medical College, India
12. **Yehia Saleh, M.D.** Alexandria University Faculty of Medicine, Egypt
13. **Shiva Shrotriya, M.D.** Nepal Medical College, Nepal

Faculty changes

- Robert Smith MD – 1 year Sabbatical
- Muhammad Nabeel MD – new Key Faculty

Honors (resident and faculty):

- Outstanding Senior: Sandy Mazzoni
- Outstanding Junior: Mark Ling
- Bernard H. Smookler Award: Keren Shahar
- David Greenbaum Emerging Leader Award: Faraz Haq
- Rose Award: Michael Kehdi
- Outstanding Resident in Cardiology: Faraz Haq
- Outstanding Resident in Endocrinology: Sandy Mazzoni
- Outstanding Resident in Hematology/Oncology: Prajwal Dhakal and Omar Albanyan
- Outstanding Resident in Infectious Diseases: Brian Grondahl
- Outstanding Resident in Research: Anas Reihani
- Excellence in Teaching (University Faculty): Robert Smith
- Excellence in Teaching (Community Faculty): Dr. Kassis
- Research Teacher of the Year: Supratik Rayamajhi
- Outstanding Fellow in Teaching: Michael Masni
- Induction into Alpha Omega Alpha, the national medical honor society: Brian Grondahl

Major Accomplishments

- Changes in Key Faculty - (Muhammed Nabeel joined as a new key faculty member replacing Robert Smith who went on a 1 year sabbatical)- Dr. Nabeel comes with a fresh perspective as a senior faculty from a different institution with a Masters in Health Administration Degree and joins us as a key faculty with special focus on Quality.

- Society of Hospital Medicine IPASS hand-over tool was implemented with formal site visit from SHM and formal presentation to the stake-holders at the Department of Medicine Grand Rounds. Now senior residents will be made accountable leaders in the continuation of this project. Also, weekly data on performance metrics regarding hand-offs are being reported to each team, with a prize for the best team among four.
- Annual Program Evaluation was held as a follow-up to the self-study. Progress and struggles were duly noted and discussed, and interventions planned for the upcoming year.
- Continuation of improvised morning report, as well as sub-specialist involvement in didactics, has reflected in overall improvement in the resident survey on faculty participation in their education and training, as well as on environment of enquiry.
- For the first time in our history, a 4th year chief-resident for Quality Improvement and Patient Safety has started his tenure in July and is working on program-wide improvement initiatives on quality and patient safety interventions. However, maintaining this FTE could be challenging, due to Sparrow's budget issues.
- After continued efforts, program was able to convince C-suite to grant us a unit-based rounding opportunity that will create geographic cohorting of inpatients that enables interdisciplinary rounding and accountability of metrics on best-practices. However, this is yet to materialize fully – as this is being shared with another admitting service
- After deliberate and loud uproar for years, the primary teaching hospital has finally opened a state-of-the-art spacious and contemporary trainee work-space.
- Interdisciplinary rounding in ICU was started in the mid of last academic year.

Challenges/opportunities for upcoming year:

- Faculty development funds were curtailed from 17000 to 1500 USD, and other funds for resident travel support and research were also cut in half by the hospital. Despite glowing ACGME survey as compared to previous years – this has brought forth low morale among faculty and trainees.
- Negotiations are ongoing regarding faculty salary support, which is proposed to be cut in half– and it's a challenging situation when the hospital is trying to offset the budget deficit from poor business planning by cutting GME education dollars that come from Medicare.

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

Direct observation of data gathering and clinical skills using Mini-CEX forms.

Medical Knowledge:

In Training Exam

Practice-based Learning and Improvement:

Morbidity and Mortality reflective exercises, participation in presentations, evaluation and feedback

Interpersonal and Communications Skills:

Direct observation of clinical skills using Mini-CEX forms and patient satisfaction surveys and clinic/residency staff evaluations

Professionalism:

Patient satisfaction surveys and clinic/residency staff evaluations

Resident Scholarly Activity

first name	last name	conference presentations	participated in research	teaching presentations	had scholarly activity this academic year
Olisaemeka	Achike	1	Yes	Yes	Yes
Julie	Akright	2	Yes	Yes	Yes
Sammar	Alsunaid	1	Yes	Yes	Yes
Megan	Benedict	1	Yes	Yes	Yes
Mindy	Chilman	1	Yes	Yes	Yes
Victor	Elgabalawi	0	Yes	Yes	Yes
Tejaswini	Joginpally	0	Yes	Yes	Yes
Michael	Kehdi	4	Yes	Yes	Yes
Suwen	Kumar	5	Yes	Yes	Yes
Ryan	Melvin	0	Yes	Yes	Yes
Suhasini	Rallabandi	1	Yes	Yes	Yes
Julie	Yam	1	Yes	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	chapters textbooks	grant leadership	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
Peter	Gulick	Osteopathic Program Director	2	0	0	1	No	No	Yes
Heather	Laird-Fick	Associate Professor	4	4	0	0	Yes	Yes	Yes
Laura	Freilich	Assistant Professor	0	1	0	0	No	No	Yes
Supratik	Rayamajhi	Program Director	7	0	2	2	No	Yes	Yes
Nazia	Khan	Associate Program Director	3	1	0	1	No	Yes	Yes

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Interventional Cardiology Fellowship

Program Director: Tim A. Fischell, MD

Graduating residents and destinations:

1. Mayank Mittal, MD- Practice in South Bend, IN
2. Manjunath Raju, MD- Practice in Springfield, OR
3. Sanjeev Nair, MD- Practice in Fort Worth, TX

Incoming residents and medical school attended:

1. Prem Subramaniam, MD- Kilpauk Medical College, Chennai, India
2. Ali Al Arab, MD- Jordan University for Science and Technology, Irbid, Jordan
3. Leela Lella, MD-Andhra Medical College, India

Faculty changes

- Addition of Dr. Jagadeesh Kalavakunta to our program. Dr. Kalavakunta completed his interventional cardiology fellowship from our own program. We are pleased to have him on board upon completion of his interventional board exams as faculty. His faculty appointment will begin for the 2016-2017 fellowship year.

Major accomplishments over previous year:

- We have had a very successful academic year in 2016/2017. We have just graduated three outstanding interventional cardiology fellows from the program. The fellows have shown tremendous improvement and excellent skill sets at the end of their training year. We expect all three fellows to sit for the interventional cardiology (ABIM) exams in the coming year, and to pass the board exam without difficulty, as per our prior experience with our fellows. All three of the fellows have obtained excellent positions in their respective locations.
- In addition to continuing our high volume interventional cardiology-training program during the last year, we have continued our alliance with rotations in peripheral vascular intervention in Grand Rapids, at Metro Hospital, with Dr. Jihad Mustapha. This rotation first began at the end of the 2010 academic year and will continue to be offered to enhance our fellows' peripheral vascular interventional training in the coming year. There have been no significant changes with our faculty in the last 12 months with continued excellent participation of: Dr. Vishal

Gupta; Dr. Sreenivas Kamath; Dr. Frank Saltiel; Dr. J. Gary Gustafson; Dr. Robert LaPenna; Dr. Steven Peck; Dr. William LaPenna; and myself.

- Finally, we have continued our tradition of academic work with publications during the past academic and several additional publications in preparation. We have responded to queries following our successful ACGME site visit in May 2010. We have been re-accredited with a 5-year review period as of 4/5/11. We completed a self-study on 1/1/2016.
- In summary, we have had a very successful year in fellowship training and continued success of our prior fellows. We added three new faculty members in the prior year (Drs. Mustapha, Kamath and Saltiel) as well as a successful navigation thru our ACGME review and re-accreditation. We have a talented group of interventional cardiology fellows that started July 1, 2017, and look forward to our ongoing affiliation with Michigan State University.

Honors (resident and faculty):

- Several Exceptional Performer awards to faculty (Dr. Fischell, Dr. Gupta, Maria Cole)
- Continuing Medical Education opportunities supported by Abbott Vascular, Medtronic, & Boston Scientific along with others.

Challenges/opportunities for upcoming year:

- We continue to have some challenges with regard to clinical volumes for training purposes in peripheral vascular disease. We continue to strive to provide comprehensive training in peripheral vascular disease and in structural heart disease intervention. For this reason, we have expanded the clinical experiences for the fellows, with continued collaboration with Dr. Mustapha at Metro Hospital in Grand Rapids, MI. We are hoping to continue to expand our faculty base to also address volume and diversity of training for our fellows.
- Additionally, Drs. Gupta and Saltiel have an active TAVR (percutaneous aortic valve replacement) program to allow exposure of the fellows to state-of-the-art structural heart intervention. Dr. Fischell has created an active CTO (Chronic Total Occlusion) program to allow exposure of the fellows to complex coronary interventions. These programs provide a great, cutting-edge clinical opportunity for our fellows.
- Despite the national trend of decreasing coronary interventional volumes, we continue to have excellent volume, with each of the recent fellow graduates participating in >500 coronary interventions. This makes our program still a high volume, and sought-after program.

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

We have continued to evolve and refine our patient care responsibilities during our fellowship. We have improved our continuity of care initiatives by rotating and assigning each fellow to a different faculty member's outpatient clinic so that they may see patient's preprocedural, during the procedure and for post procedural follow-up. This program has been amended such that each of the fellows rotates with each of three different faculty for four month rotations. We believe that this will enhance their patient care learning experience.

Medical Knowledge:

We believe that our journal club provides one of our best teaching opportunities. These are held for approximately two hours on a monthly basis. At least two, and as many as four current interventional cardiology scientific papers are reviewed and discussed in depth with regard there content, scientific validity, statistics, etc. We believe that this detailed and critical review of scientific literature on an ongoing basis will help enhance the ability of our fellows to critique scientific literature as they move forward in their career.

Practice-based Learning and Improvement:

The fellows will have chart review by the program director in the next several months as part of an ABIM initiative with regard to board certification. This chart review and interview and feedback process will "close the loop" for each of the fellow's practice-based learning.

Interpersonal and Communications Skills:

Each of the fellows is reviewed on at least a quarterly basis with regard to their communication skills and their interpersonal skills and communications skills with staff, patients and faculty. The fellows also are engaged in public speaking in their role as case presenters at both the weekly clinical (cath, angio, surgical) conferences every Friday, as well as the morbidity mortality conferences.

Professionalism:

As above, the fellows are monitored and evaluated on a regular basis, with regard to their professionalism. There is a clear-cut chain of command and reporting process in the event of any disruption and deviation from professional behavior in the clinic, cath lab or in the research area.

Systems-based Practices:

The interventional cardiology fellows are integrated every year into at least one significant systems-based practice evaluation program. In the past year, the fellows were actively involved in the BMC² data based monitoring for success rates in the treatment of aorto-ostial lesions. This has resulted in a manuscript that is in the process

of submission. In addition, the fellows were involved in the review of access site complications in the Borgess cardiac catheterization laboratory. This has given a further awareness and appreciation and active participation in a systems-based practice initiative.

Resident Scholarly Activity

first name	last name	participated in research	teaching presentations	had scholarly activity this academic year
Sridevi	Durga	Yes	Yes	Yes
SidakPal	Panaich	Yes	Yes	Yes
Sayed	Tariq	Yes	Yes	Yes

Faculty Scholarly Activity

first name	last name	conference presentations	other presentations	chapters textbooks	grant leadership	leadership or peer review role	teaching formal courses
Vishal	Gupta	14	10	0	2	Yes	Yes
Stephen	Peck	0	2	0	0	No	No
Sreenivas	Kamath	0	4	0	0	No	No
Robert	LaPenna	0	2	0	0	No	No
William	LaPenna	0	2	0	0	No	No
Tim	Fischell	4	4	1	2	Yes	Yes
Frank	Saltiel	1	4	0	2	Yes	Yes
John	Gustafson	0	2	0	0	No	No
Jagadeesh	Kalavakunta	5	2	0	0	Yes	Yes

**College of Human Medicine
Michigan State University
Lansing Community Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Neonatal-Perinatal Medicine Fellowship
Program Director: Ira H. Gewolb, M.D.

Graduating residents and destinations:

1. Sanket Jani, MD - Wayne State Medical School

Incoming residents and medical school attended:

1. Ranga Prasanth Thiruvekataramani, MD
 - a. Nanjing Medical University, Nanjing, China
 - b. Brookdale Medical Center, Brooklyn ,NY
2. Visalakshi Sethuraman, MD
 - a. Thanjavur Medical School, India
 - b. NY Medical College- Metropolitan Hospital, NY, NY

Faculty changes

None

Major accomplishments over previous year:

- The Neonatal Fellowship has increased to 5 fellows
- There were 758 NICU admissions this past year, an all-time record
- The NICU purchased a Phoenix retinal camera for Retinopathy of Prematurity diagnosis
- EPIC was introduced into the follow-up clinic (DAC)
- The “mighty-Mini” room was introduced in the NICU

Honors (resident and faculty):

- Dr. Nagesh Chauhan (PGY-6) won an award for the best Poster presentation at the 16th annual MSU—Wayne State Research Day
- Dr. Chintan Gandhi (PGY-6) won an award for the best Oral presentation at the Lansing Research Day
- Dr. Gewolb had an article published in *Nature* (“A randomized synbiotic trial to prevent sepsis among infants in rural India”) which also received coverage in the NY Times
- Dr. Karna continues to lead the Michigan VON consortium in QI projects involving the NICU.
- Dr. Omar was a guest editor for *Pediatric Infectious Diseases* on the topic “Role of immunological changes in neonatal infection”
- Dr. Gewolb was a finalist (representing Neonatal Solutions, Inc.) in the Greenlight Business Grant competition

- Our faculty received multiple citations in *Castle Connolly's Top Doc, Best Doctors in America*, and *US News & World Report*

Challenges/opportunities for upcoming year:

- MSU-Sparrow negotiations in re Neonatology Contract jeopardizing entire Neonatology program and fellowship
- Continued challenges re lack of subspecialty care, further eroding our referral base and jeopardizing the Fellowship. Some critical areas include developmental pediatrics, genetics, radiology, and various pediatric surgical subspecialties.
- Begin to work on possibility of 6th fellow`

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

NICU experience: 12 months of service time spread over the 3 years. Daily rounds also serve as a teaching tool. A “Fellow-Attending” experience is reserved for the 3rd year.

Developmental Assessment Clinic experience: Approximately 12 days each year to learn developmental assessment techniques and the principles of follow-up care. Also provides experience in systems-based practices in Michigan.

Pediatric Cardiology/Cardiac Surgery rotation is required at either University of Michigan or Wayne State (year 2 or 3).

High Risk Obstetrics rotation/elective is recommended.

Medical Knowledge:

The following is a short list of the ongoing Core Conferences sponsored by the Division:

- Core Conference for Fellows- weekly, covers basic physiological underpinnings of clinical practice.
- Morbidity & Mortality Case Reviews-monthly
- Research Seminar Series- monthly; invited speakers both intramural and extramural present their research findings. Periodic updates by our own faculty and fellows in re their research
- Perinatology Conference- monthly, jointly with Ob-Gyn
- Pediatric Grand Rounds- weekly
- Statistics Course- bi-annually

Each fellow is required to produce a research product (paper or equivalent) by the end of the fellowship. A scholarship oversight committee exists for each fellow to oversee progress. Senior mentors are available both in and outside the Division

Practice-based Learning and Improvement:

This is accomplished through a variety of didactic experiences. The monthly journal club provides a practice-based learning activity, with review of an article jointly chosen by the fellow and a faculty supervisor. Particular emphasis is given towards the research design and statistics of the paper. The fellows present the results of the paper, which generally leads to a discussion of the relevance of the paper to the group's clinical practice. Fellows are also given a formal introduction to computerized library skills and medical databases, as provided by Sparrow Hospital.

Fellows are also actively involved in various QI initiatives in the NICU.

Finally, procedural competence is overseen directly by faculty and more senior fellows until the requisite skills are attained.

Interpersonal and Communications Skills:

Fellows perform prenatal consultations on all likely admissions to the NICU. Initially this is done with supervision by faculty.

Fellows also participate in "family counseling sessions" with the faculty, on complex or ethically difficult situations.

Fellows are expected to be fully competent with the electronic medical record, EPIC, used in our NICU for daily progress notes, admission and discharge summaries and in DAC for all encounters.

Professionalism:

Fellows must be certified by the IRB to participate in clinical research. The IRB website provides excellent training in legal and ethical principles underlying patient care.

Daily work in the NICU provides a plethora of opportunities to think about ethical, complex, and emotional situations. These issues are discussed in our Joint Conferences with Ob-Gyn, M & M, Discharge Conferences, and Root Cause Analyses.

The Medical Director oversees any lapses in professionalism and adjudicates between physician and nursing staff.

Evaluations of elements of professionalism of the fellow are given each month by the responsible Attending, using the New Innovations System.

Biannual reviews of overall performance are given by the Program Director.

Systems-based Practices:

This is an ongoing effort involving faculty and fellows. Specific venues where this activity occurs are the joint Perinatology Conference, M & M, monthly case conferences, and the bi-annual review of the Fellowship Program which addresses ways to improve the entire hospital system as it impacts the Fellowship.

Resident Scholarly Activity

first name	last name	conference presentations	participated in research	teaching presentations	had scholarly activity this academic year
Nageshwar	Chauhan	0	Yes	Yes	Yes
Chintan	Gandhi	0	Yes	Yes	Yes
Erica	Gatien	2	Yes	Yes	Yes
Sanket	Jani	2	Yes	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	grant leadership	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
Isoken	Olomu	Assistant Program Director/Attending Neonatologist	0	1	0	No	Yes	Yes
Padmani	Karna	Faculty - Neonatology	2	4	2	Yes	Yes	Yes
Ira	Gewolb	Prof. & Chief, Div. of Neo.; Prog Dir, Neon-Peri Fellowship	5	2	0	Yes	Yes	Yes
Mark	Kadrofske	Attending Neonatologist	2	0	3	Yes	Yes	Yes
Modupe	Awonuga	Attending Neonatologist	0	2	0	No	Yes	Yes
Said	Omar	Attending Neonatologist, Director, NICU Sparrow Hospital	3	0	0	Yes	Yes	Yes
Tarek	Mohamed	Attending Neonatologist	0	0	0	No	Yes	Yes
Lalitha	Gundamraj	Attending Neonatologist	0	0	0	No	Yes	Yes

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
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Program Name: Pediatrics Residency
Program Director: Michael Stiffler, MD

Graduating residents and destinations:

1. Matthew Carter, DO – Critical Care Fellowship Phoenix Children's Hospital Phoenix, AZ
2. Julie Creighton, DO – Memorial Pediatrics Clinic in Owosso, MI (outpatient and newborn nursery)
3. Ala Elayyan, MD – San Joaquin General Hospital and clinic , Stockton, California
4. Mohamed Farhat, MD – Critical Care Fellowship University of Michigan - C.S. Mott Children's
5. Stephanie Grondahl, DO – Sparrow Medical Group-Pediatric Hospitalist
6. Ira Holla, MD – NICU fellowship, Rainbow Babies and Children's Hospital in Cleveland
7. Rebecca Justin, DO – PediatriCare of Northern Virginia in Manassas/Haymarket, VA.
8. Zil-e Sheikh, MD – Looking in Detroit area for general pediatrics with nursery

Incoming residents and medical school attended:

1. Abdelkhalek Elagamy – Kansas City COM
2. Jillian Olmscheid – Arizona College COM of Midwestern University
3. Ambria Faith Jump – Lincoln Memorial University-DeBusk COM
4. Taylor White – Michigan State University college of Osteopathic Medicine
5. Ann Libbert - University of Pikeville College of Osteopathic Medicine
6. Khalil, Ahmed - Hashemite University Faculty of Medicine, Jordan
7. Abdulmageed Mohammed – Assiut University of Medicine, Egypt
8. Ikeda, Nobuyuki – Tokai University school of Medicine, Japan

Faculty changes

- Left - Pediatric subspecialists – Sidu (Genetics)
- Add – Pediatric subspecialist – Thomas (Pulmonary) Littlejohn (Endo)

Major Accomplishments over previous year

- Creation of a protocol book, which includes the most common pediatric admissions.

- Creation of a Resident Study Drive of all presentations, articles, power points, and “cheat sheets” to the NICU and PICU for residents to use and learn from.
- Creation of a stroke protocol for Sparrow hospital and pediatric patients.
- Devised a yearly schedule for pediatric rotations evaluations.
- Initiated bi-weekly article reviews and questions.

Honors (resident and faculty):

- Awards chosen by pediatric faculty:
 - Patient Advocacy of the Year – Ala Elayyan, MD
 - Learner of the Year – Ira Holla, MD
 - Professionalism – Shreya Wachob, DO
 - Intern of the Year – Stephanie Vanderstelt, DO
- Awards decided on by pediatric residents as a group:
 - Ryszewski Teaching Award - Suad Khalil, M.D.
 - Patterson Advocacy Award - Samira Kannarkatt, M.D.
 - Helfer Teaching Award - Steven Martin, M.D.
 - Veldman Teaching Award - Aditi Sharangpani, M.D.
- Resident Teacher of the Year given by CHM medical students – Jag Brar, MD
- Alpha Omega Alpha Honor Medical Society - Jag Brar, MD

Challenges/opportunities for upcoming year:

- Dr. Christensen’s co Director position has not been filled yet
- Faculty participation
- Residency office still at 901 East Mt Hope. Residency clinic moved Sept of 2016

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

Mock Code Simulation 1 x per rotation

Medical Knowledge:

Thursday didactics ½ day every wk

Practice-based Learning and Improvement:

ILP – Residents update in pedialink 2x yr

Interpersonal and Communications Skills:

Retreat, 360 evaluations (nursing, patients, colleagues, attendings)

Professionalism:

Advocacy projects,

Systems-based Practices:

SBP 4wk rotation and Gen peds 4wk rotation

Resident Scholarly Activity

first name	last name	conference presentations	participated in research	teaching presentations	had scholarly activity this academic year
Mo'ath	Alhamad	0	Yes	Yes	Yes
Reem	Almomani	0	No	Yes	Yes
Hani	Alsaedi	0	No	Yes	Yes
Sravani	Avula	1	Yes	Yes	Yes
Jagraj	Brar	2	No	Yes	Yes
Jessica	Carney	0	No	Yes	Yes
Matthew	Carter	1	Yes	Yes	Yes
Samantha	Clark	0	No	Yes	Yes
Julie	Creighton	0	Yes	Yes	Yes
Ala	Elayyan	0	Yes	Yes	Yes
Mohamed Hani	Farhat	0	Yes	Yes	Yes
Ira	Holla	0	Yes	Yes	Yes
Christine	Honer	0	No	Yes	Yes
Erin	Jakubowski	0	Yes	Yes	Yes
Stephanie	Jarnagin	0	Yes	Yes	Yes
Rebecca	Justin	0	Yes	Yes	Yes
Katsuaki	Kojima	6	Yes	Yes	Yes
Shiho	Kutsuwada	0	No	Yes	Yes
Nastassia	Richardson	0	Yes	Yes	Yes
Krystel	Sharpe-Kamer	0	Yes	Yes	Yes
Zil-E-Huma	Sheikh	0	Yes	Yes	Yes
Christopher	Thompson	0	Yes	Yes	Yes
Amanda	Torgeson	0	Yes	Yes	Yes
Shreya	Wachob	0	No	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	chapters textbooks	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
Padmani	Karna	Faculty - Neonatology	1	0	0	No	Yes	Yes
Renuka	Gera	Faculty - Hematology/Oncology	0	1	2	No	No	Yes
Sathyan	Sudhanthar	Faculty - General Pediatrics	2	2	1	No	Yes	Yes
Timur	Raghib	Inpatient General Pediatric Attending	0	3	0	Yes	Yes	Yes
Fareeha	Naz	Inpatient General Pediatric Attending	0	3	0	No	No	Yes
Mark	Kadrofske	Faculty - Neonatology	2	0	0	Yes	Yes	Yes
Said	Omar	Faculty - Neonatology	0	4	0	No	No	Yes
Yakov	Sigal	Former PD, General Pediatrics Division Chief	1	2	0	No	Yes	Yes
Aditi	Sharangpani	Faculty - Critical Care	0	0	0	No	Yes	Yes
Ira	Gewolb	Prof. & Chief, Div. of Neo.; Prog. Dir, Neon-Peri Fellowship	4	7	0	No	No	Yes
Rebecca	Schein	Faculty - Infectious Disease	0	2	3	No	Yes	Yes

**College of Human Medicine
Michigan State University
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Academic Year: 2016-2017**

Program Name: Michael Andary, M.D. M.S.

Program Director: Physical Medicine and Rehabilitation Residency

Graduating residents and destinations:

1. Andrew Cooper, DO Southwest Spine and Sports Tempe Arizona, Non-accredited Interventional Spine Fellowship
2. Michael Verde, MD Manhattan Spine and Pain Manhattan, NY Non-accredited Interventional Spine Fellowship
3. Meagan Smith, DO Mary Free Bed Rehabilitation Hospital Grand Rapids, MI Non-accredited Peds/Adult PMR Fellowship

Incoming residents and medical school attended:

1. Monica Barnes, DO MSU COM
2. Alexander Carrese, DO Campbell University; the Jerry M. Wallace School of
a. COM
3. Alexandra Ostromecki, DO Pacific Northwest University of Health Sciences
COM
4. Drew Parkhurst, DO MSUCOM

Faculty changes

- John Tegtmeier hired as faculty.
- Mike Slesinski graduated from fellowship/faculty and is no longer faculty.
- John Hawkins is now faculty as a two year fellow.

Major accomplishments over previous year:

- Completed administration of PG1 year.
- Maintained residency without major problems.
- Expansion of Clinical space at Eyde building.
- Collaboration with OMM on a joint fellowship for John Tegtmeier.
- Continued collaboration with Sports Medicine for our joint fellowship position.
- Improvement in ultrasound training with cadaver classes.
- Research presentations
 - Karine Yu, D.O., Michael Andary, M.D., James Sylvain, D.O. Association Between Multiple Simultaneous Vaccinations and Acute Inflammatory Demyelinating Polyneuropathy. Lansing Research Day Breslin Center April 20, 2017.
 - Saffarian MR, Condie NC, Austin EA, McCausland KE, Andary MT, Sylvain JR, Mull IR, Zemper ED, Jannausch ML. Comparison of four different nerve

conduction techniques of the superficial fibular sensory nerve. Muscle Nerve. 2017 Sep;56(3):458-462. PMID: 28029686. Work done while residents were involved.

Honors (resident and faculty):

- Dr. Sylvain chair of AOBPMR.
- Dr. Andary is the Vice Chair for the American Board of Electrodiagnostic Medicine

Challenges/opportunities for upcoming year:

- AOA recognition application.
- Integrate Eyde outpatient practice into residency
- Expand clinical activity to Ionia, Charlotte.

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

Progressive responsibility is developed and achieved by several mechanisms including:

- Gradually increased responsibility with inpatient rehabilitation service, team conference management, and decision making on the inpatient ward and outpatient clinics.
- Supervision of junior residents and medical students during the senior rotation on the inpatient rehabilitation ward
- Gradually increased responsibility in residency continuity clinic
- Increasing responsibility in EMG consultations and testing (initially doing histories and physicals, then nerve conduction studies on the arm, then nerve conduction studies on the leg, then needle EMG)
- Senior residents and Chief Residents are responsible for and participate in scheduling of didactics, rotations and leave times.
- Faculty encourage and allow increasing responsibility on consults and outpatient services as they have acquired the knowledge and skills for that practice area

Medical Knowledge:

- Two Self-Assessment examinations for AAPMR and AANEM.

Practice-based Learning and Improvement:

- We use a portfolio to monitor resident accomplishments, goals. Specifically there is documentation of articles read, and a brief description of how this was used in patient care.
- All residents are participating in quality improvement

Interpersonal and Communications Skills:

- Residents and attendings jointly attend, coordinate and document team and family conferences.
- Initially residents observe and provide medical and functional information. As their experience increases, they move towards leading team and family conferences.
- Goals and objectives for the conferences, with feedback about team dynamics, including communication skills, are reviewed with the attending physician on a regular basis.
- Residents initially primarily observe, then as abilities warrant, participate and eventually lead outpatient team or family conferences.
- Residents receive counseling, role modeling, and feedback from other team members including social work, nursing, and other therapies.
- The outpatient team conferences are attended and directed by attending physicians and primarily observed by residents.
- Direct Observation and Resident Observation and Competency Assessment (ROCA)

Professionalism:

- This is done on a regular and daily basis.
- Residents talk to each other about issues of coverage, patient transfers, and patient care. The ancillary staff in the clinics are encouraged and required to give the Program Directors formal written (email) feedback on resident professionalism and communication skills.
- This competency is reviewed in the monthly evaluations and in the semi-annual reviews with the Program Director(s).

Systems-based Practices:

- Some of the resident quality improvement projects are related to improving team systems through inpatient rehabilitation at Sparrow Hospital.
- Global Assessment.
- Senior residents and Chief Residents are responsible for and participate in scheduling of didactics, rotations and leave times.
- Senior Residents on the floor are responsible for much of the placement and insurance approval for consult and rehab patients.

Resident Scholarly Activity

first name	last name	conference presentations	participated in research	teaching presentations	had scholarly activity this academic year
Moayad	Alabdulkarim	0	No	Yes	Yes
Kelli	Chaviano	0	No	Yes	Yes
Andrew	Cooper	0	No	Yes	Yes
David	Hakopian	1	Yes	Yes	Yes
Adam	Hull	0	No	Yes	Yes
Yu	Karine	0	No	Yes	Yes
Joshua	Nicholson	1	Yes	Yes	Yes
Ingrid	Parrington	0	Yes	Yes	Yes
Millicent	Schratz	0	No	Yes	Yes
Meagan	Smith	0	No	Yes	Yes
Michael	Verde	0	No	Yes	Yes

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	grant leadership	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
Andrea	KuldaneK	Clinical Assistant Professor	0	0	0	No	Yes	Yes
James	Sylvain	Associate Program Director	0	0	0	Yes	Yes	Yes
Samuel	Ho	Clinical Assistant Professor	0	0	0	Yes	Yes	Yes
Edward	Atty	Clinical Assistant Professor	0	0	0	No	No	Yes
Michael	Andary	Program Director, Professor	4	2	0	Yes	Yes	Yes
Rebecca	Wyatt	Assistant Professor	0	4	0	No	No	Yes
Rani	Gebara	Assistant Professor	1	1	1	Yes	Yes	Yes
Harnoor	Tokhie	Assistant Proessor	0	1	0	No	No	Yes

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Program Name: Surgical Critical Care Fellowship
Program Director: Benjamin Mosher, MD, FACS

Graduating residents and destinations:

Richard Maier, DO; Joining Critical Care Practice in Reno, NV

Incoming residents and medical school attended:

None

Faculty changes

None

Major accomplishments over previous year:

Abstract Presentations at SCCM 46th Annual Meeting:

- R Maier, L Muñoz, J Kepros. *Saccharomyces Cerevisiae* Empyema in an Immunocompetent Patient Due to Traumatic Diaphragm Rupture. *Crit Care Med.* 2016: 44(12) (Supplement): 2012.
- L Munoz, B Mosher, P Schneider, L Ansari, R Maier, R Hyde, P Stevens, J Kepros. Acute Carotid Jugular Fistula Post GSW with Severe TBI: Neurovascular and ICU Management. *Crit Care Med.* 2016: 44(12) (Supplement): 2009.
- L Munoz, D Dougherty, P Stevens, B Mosher, P Schneider, L Ansari, C Stimson, J Kepros. Operating Surgeon Intimidation of ICU Nurses and Residents may Prevent Appropriate Palliative Care. *Crit Care Med.* 2016: 44(12) (Supplement): 547.

Challenges/opportunities for upcoming year:

Recruit SCC Fellow for 2018

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

Daily rounds and patient care responsibilities

Medical Knowledge:

MCCCKAP in service exam yearly

Practice-based Learning and Improvement:

MCCCKAP in service exam (yearly), Trauma multi-disciplinary PIPs meetings (monthly), Med Staff Critical Care Meetings (monthly)

Interpersonal and Communications Skills:

Lecture, nursing evals

Professionalism:

Monthly evals

Systems-based Practices:

Evidence-based patient care daily rounds, weekly conferences

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	grant leadership	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
Benjamin	Mosher	Program Director	1	3	1	Yes	Yes	Yes
John	Kepros	Chief of Staff, Director of Trauma	2	0	0	Yes	Yes	Yes
John	Armstrong	Medical Director, Critical Care	0	1	0	No	Yes	Yes
Stephen	Guertin	Director, Pediatric Critical Care Unit	1	4	0	Yes	No	Yes
Rajit	Pahwa	Attending Intensivist	0	1	0	Yes	Yes	Yes
Lynn	Munoz	Faculty	0	1	0	Yes	Yes	Yes

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2016-2017**

Program Name: Vascular Fellowship Program
Program Director: Mark A. Mattos, M.D., F.A.C.S.

Graduating residents and destinations:

No 2017 graduates

Incoming residents and medical school attended:

1. Neeta V. Karani, M.D., St. George's Univ. School of Medicine, Granada
2. Jessica L. Williams, M.D., MSU College of Human Medicine, Lansing, MI

Faculty changes

1. Allan L. Ippolito, M.D., Part-time Faculty, Retired 12-21-16
2. Ranjith Dodla, M.D. began as a new faculty member 07-01-16.
3. We have been in the process of interviewing for additional faculty

Major accomplishments over previous year:

1. For the 2018 Vascular Surgery Match we registered for One Fellow and matched for One Fellow for the upcoming 2018 program year.
2. On August 1, 2016, an 8-week training course was established for the PGY6 vascular fellows as an introduction to the non-invasive vascular lab. The training course is comprised of one weekly 4-hour educational session on Wednesday afternoon from 1pm to 5pm. Each session has written learning objectives and a reading assignment which includes a reading assessment quiz.
3. We continue to participate in new clinical trials. Presently we are involved in at least 15 clinical trials (3 Grant-Funded and 12 Industry-sponsored). Each clinical trial is currently actively enrolling new patients or continuing protocol-based follow-up.

Honors (resident and faculty):

1. Baraa Zuhaili, M.D. (2014-2016 vascular surgery fellow) passed his certifying (oral) examination in Vascular Surgery in May 2017 and is now registered through the American Board of Surgery (ABS) as Board Certified in Vascular Surgery
2. Anan Tawil, our current PGY7 vascular surgery fellow, passed is certifying (oral) examination in General Surgery and is now registered through the ABS as Board Certified in General Surgery.
3. Anan Tawil, our current PGY7 vascular surgery fellow, passed the Registered Physician in Vascular Interpretation (RPVI) certification exam in April 2017and

- is now able to participate in the ABS qualifying (written) exam in Vascular Surgery.
4. Anan Tawil, our current PGY7 vascular surgery fellow, received the MSU FAME, Specialty Research Award in the category of Surgery – McLaren Flint, Best Case Poster (TCAR with Flow Reversal and Two Overlapping Stents for the Treatment of Tandem Ipsilateral Carotid Lesions)
 5. Anan Tawil, our current PGY7 vascular surgery fellow, received the MSU FAME, Specialty Research Award in the category of Surgery – McLaren Flint, Best Study Oral (Community Based Vascular Disease Screening of More than 4200 Patients – What Do The Results Tell us?)
 6. Carlo A. Dall’Olmo, M.D., 2016-2017 Program Director, served an Invited Guest Speaker at the Eastern Vascular Surgical Society Meeting in November 2016.
 7. Mark A. Mattos, M.D., 2016-2017 Associate Program Director, was selected as President-Elect for the Midwestern Vascular Surgical Society Meeting to be held in St. Louis, MO in September 2018.
 8. Mark A. Mattos, M.D., 2016-2017 Associate Program Director, was selected and served as an examiner for the Certifying (oral) Examination in Vascular Surgery (VS CE) in May 2017 in Dallas, Tx.
 9. Robert G. Molnar, M.D., Faculty, was promoted to the rank of Clinical Professor in the Department of Surgery at MSU in July 2016.
 10. Wayne K. Kinning, M.D., Faculty, passed his recertification exam in Vascular Surgery in Sept. 2016 and is now certified until 2026.
 11. Christopher J. Goltz, M.D., Faculty, was selected to participate as a faculty proctor for the 2016 Midwestern Vascular Surgical Society Meeting Vascular Surgical Skills and Simulation Assessment Program in September, 2016.

Challenges/opportunities for upcoming year:

- Need to improve Faculty Development
- Need to increase Faculty Scholarly activity
- Need to engage all Fellows in a Quality Improvement project.

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:

Patient Care:

A Diagnostic Review and Case Management Conference is held every Thursday morning from 6:30am-8:00am. During this conference, the vascular fellows present patient cases for faculty discussion on procedures for the upcoming week. In preparation for the conference, the vascular surgery fellows review all relevant data in the patient medical record and develop management strategies based on the vascular surgical literature and their clinical experience to date. Literature review includes in-house textbook and journal review and is supplemented with current up-to-date electronic literature searches. Review of scientific studies, clinical practice guidelines, and the ability to appraise the results of these studies are stressed during the open forum discussion

Medical Knowledge:

Fellows participate in a monthly Vascular Surgery In Training Exam (VSITE) Preparation Conference. Three 60-90 minute conferences each month. Topics for a 12-15 month period are distributed to fellows at the beginning of the academic year. Fellows are expected to review and assigned topics prior to attending the VSITE review session.

During each conference session, the vascular fellows answer 15-20 questions. Questions are selected based from the Society for Vascular Surgery VESAP 3 self-study program. The fellows are given one minute to answer each question. This time constraint is designed to simulate the actual time constraints imposed upon vascular residents and fellows completing the written qualifying examination in vascular surgery. Immediately following each question a detailed review of the question with formative feedback is provided by the program director and vascular faculty in attendance. It is expected that the fellows will use the discussion content and formative feedback to identify individual cognitive learning and knowledge deficits to stimulate further reading and study plans.

Practice-based Learning and Improvement:

Vascular Fellows track longitudinal outcomes on patients for certain major vascular index cases in which they have participated. Post-operative surgical outcomes will be reviewed at 3, 6, 12, and 18 months. A spreadsheet will be used to document index follow-up parameters. Critical outcome measures will be recorded, analyzed and reported according to practice standards established by the Society for Vascular Surgery.

Interpersonal and Communications Skills:

During outpatient office clinic at Michigan Vascular Center, the fellows engage in the constant practice of direct engagement and interpersonal communication with patients, their families, office personnel, and faculty. This interaction is directly observed and serves as a multisource evaluation of the fellows interpersonal and communication skills. Faculty discussions with fellows occur on a regular basis to compliment, improve upon or critique behaviors noted in the outpatient office setting.

Professionalism:

The faculty at Michigan Vascular Center practice surgery and medicine with strong ethics, high morals, and sound values. The faculty convey these principles to the fellows by example on inpatient clinical care assessments (rounds), in the outpatient office setting clinic, and in the operating room. The fellows are asked to embrace and emulate these core principles and furthermore, as asked to provide similar ethical behavior, and thus serve as role models for the general surgery residents and medical students on the vascular surgery service.

Fellows are asked to wear appropriate dress, be prompt, complete all assigned tasks and have the ability to receive and respond to constructive criticism. All conference evaluations address this competency.

Systems-based Practices:

The vascular surgery fellows participate in two Morbidity and Mortality conferences each month, one internal and one external. This provides the fellows with the opportunity to evaluate and understand how the healthcare system works for a single specialty vascular surgical practice as well as for a large multispecialty healthcare institution (McLaren Hospital). The advantages, disadvantages and resource utilization for both entities is recognized as it relates to the care of vascular patients. Fellows are asked to constantly remain aware of the limitations of both institutions as it relates to the cost-effective care of patients. Specifically, instruction is provided to the fellow to help them identify the optimal resource pathways for effective care in both the inpatient and outpatient settings.

Faculty Scholarly Activity

first name	last name	title	conference presentations	other presentations	leadership or peer review role	teaching formal courses	had scholarly activity this academic year
Carlo	Dall'Olmo	Past Program Director, Director Site #2 (Michigan Vascular Center), Core Teaching Faculty	1	0	Yes	Yes	Yes
Wayne	Kinning	Director Site #3 (Genesys Regional Medical Center), Moderator Journal Club, Core Teaching Faculty	0	0	No	Yes	Yes
Nitin	Malhotra	Director Site #4 (Hurley Medical Center), Moderator Morbidity & Mortality Conference, Core Teaching Faculty	0	0	No	Yes	Yes
Robert	Molnar	Director Site #1 (McLaren Hospital-Flint), Director Research Initiatives Conference, Core Teaching Faculty	6	0	Yes	Yes	Yes
Mark	Mattos	Program Director, Director Surgical Skills & Simulation Training Program, Moderator Textbook Review, Case Presentation & VSITE Prep Conferences	6	23	Yes	Yes	Yes

Christopher	Goltz	Associate Program Director, Assistant Director Surgical Skills and Simulation Training Program, Core Teaching Faculty	1	1	No	No	Yes
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Resident Scholarly Activity

first name	last name	conference presentations	participated in research	teaching presentations	had scholarly activity this academic year
Baraa	Zuhaili	4	Yes	Yes	Yes