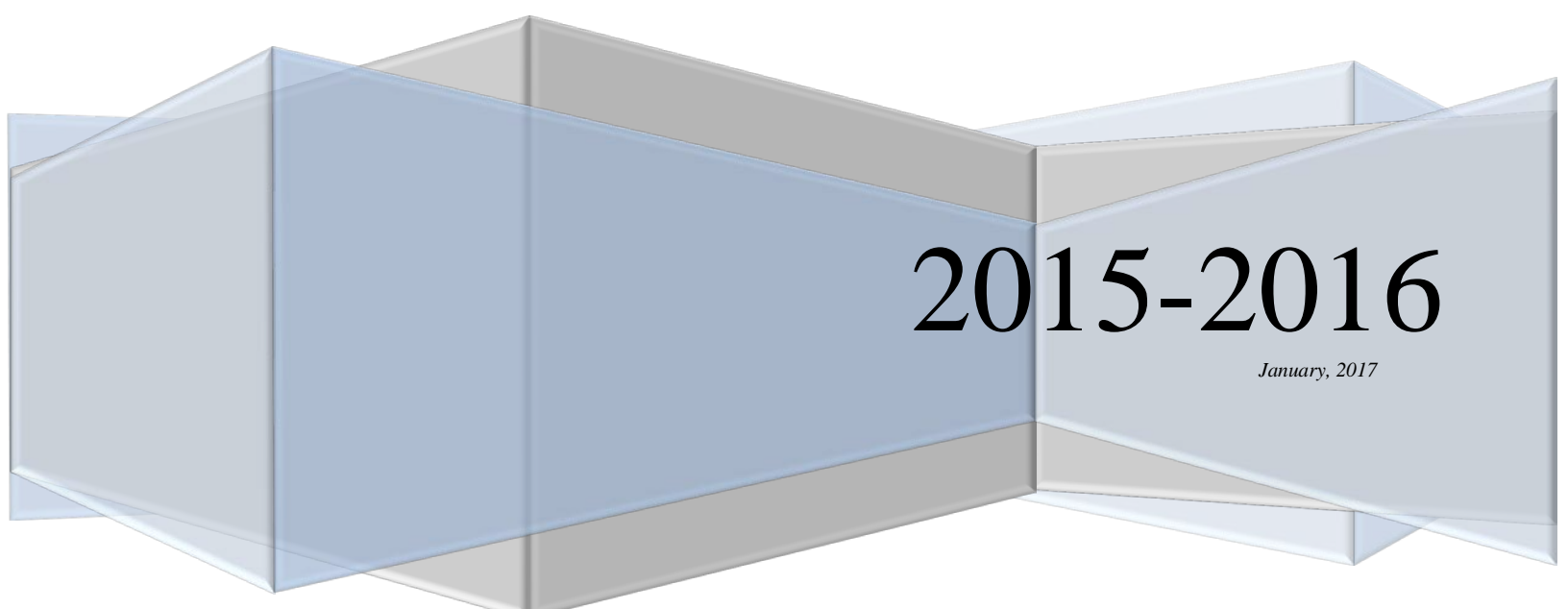


GME Annual Report

MSU-CHM Lansing Community



2015-2016

January, 2017

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

**Annual Report
Academic Year 2015-16**

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. This includes the first mid-cycle review by one of our programs (Internal Medicine) within the ACGME’s new accreditation system.
2. Improvement in the quality of the working environment as an institution (see aggregate institutional data from the 2016 ACGME Annual Resident and Faculty Surveys below). These data were reviewed at the June GMEC meeting. Programs with significant variance from national norms were instructed to present and implement action plans to address deficiencies.
3. Our new Family Medicine program in Alma welcomed its first class of four residents. In addition, the program successfully recruited an additional core faculty member.
4. Initial accreditation for a new 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.

We continue to work with Sparrow to look toward more unification in GME enterprises where it makes sense. Along those lines, we continue to discuss the potential of joint GMEC meetings at

least once in the upcoming year. Sparrow continues to plan for new resident/fellow gathering areas which are scheduled to be completed in 2017.

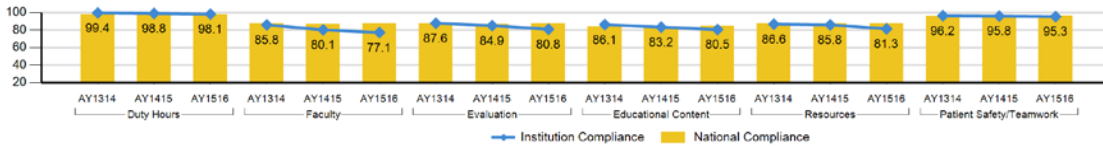


Figure 1: ACGME Resident Survey 2014-15 (aggregate sponsor data)

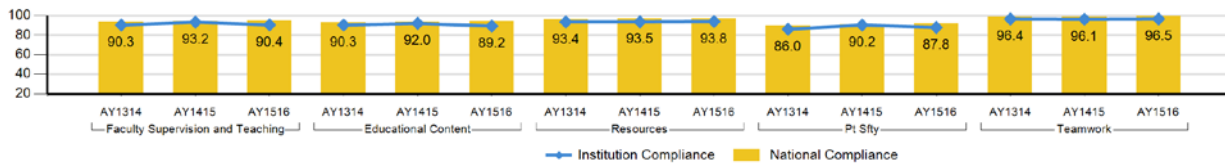


Figure 2: ACGME Faculty Survey 2014-15 (aggregate sponsor data)

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. In addition, the office provided support for two new training programs that applied for initial accreditation during the past academic year. Our new Family Medicine Residency located at MidMichigan Medical Center-Gratiot successfully recruited four residents for the 2016-17 academic year. Our new Geriatric Psychiatry Fellowship also received initial accreditation and continues to recruit for its first fellowship class.

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.
- At our September meeting, Supratik Rayamajhi, MD, Director of the MSU Internal Medicine Residency, presented the IPASS system. This system has been implemented to decrease errors in transitions of care by using a standardized method for handoffs. At the December GMEC meeting, each program presented their handoff system. Programs without an organized handoff structure were urged to implement IPASS or another standardized system.
- 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.

Because of its relatively unique characteristic of having no teaching hospital, we were not part of the initial round of Clinical Learning Environment Reviews (CLER) performed by the ACGME. However, our programs and institution continue to be involved in providing feedback to our partner institutions within their CLER visits. We were notified in November about the next round of CLER visits and are working with the ACGME and Sparrow to be directly involved in future CLER visits at that institution.

Highlights of each program are attached.

Respectfully submitted,

A handwritten signature in cursive script that reads "Randolph L. Pearson".

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: 2015-2016**

Program Name: Cardiology Fellowship

Program Director: George S. Abela, MD, MSc, MBA, FACC, FNLA

Graduating residents and destinations:

1. Muhamed Safia, MD. Advanced Heart Failure Fellowship, University of Wisconsin, Madison, WI
2. Manjunath Raju, MD. Interventional Cardiology, Michigan State University at Borgess Heart Institute, Kalamazoo, MI

Incoming residents and medical school attended:

1. Mandeep Randhawa, MD – Medical School: Government Medical College Amritsar India. Residency at Cleveland Clinic, OH.
2. Mohsin Ahmadjee, MD – Medical School: King Abdulaziz University College of Medicine and Allied Sciences Saudi Arabia. Residency at University of Utah, Utah.
3. Phani Surapaneni MD – Medical School: Sri Devaraj Urs Medical College India. Residency at SUNY Health Science Center, Brooklyn, NY

Faculty changes:

None

Major accomplishments over previous year:

1. The cardiology fellowship program graduated the 55th fellow since it was started in 1995. Graduates are now practicing all around the US and globally.
2. All two fellows who took the cardiology boards have passed on first attempt.
3. Two of the two graduates passed Nuclear Boards.

Honors (resident and faculty):

1. Dr. Manju Raju & Dr. Abela: National Lipid Association – First Prize for work on bacteria and atherosclerosis.
2. Dr. Abela: America's Top Cardiologists 2015
3. Fellows participated in ACC-MI Jeopardy Competition.

Challenges/opportunities for upcoming year:

1. Coordinating activities with the DO fellowship programs
2. Incorporating more of TCI faculty in the didactic teaching for both the MD and DO 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 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 discussion with cardiac surgery and interventionalist are conducted by the fellow on the service.

Resident Scholarly Activity

Resident	Year in Program	PMID1	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Alsherbini, Abraham	1		0	0	N	Y
Sharaf, Abdulkareem	1		0	0	Y	Y
Al Arab, Ali	2		4	0	Y	Y
Alreefi, Fadi	2	27091328	0	0	Y	Y
Lamichhane, Madhab	2		0	0	Y	Y
Subramaniyam, Prem	2		3	1	Y	Y
Raju, Manjunath	3		4	0	Y	Y
Safia, Muhamed	3	22104997	4	0	N	Y

Faculty Scholarly Activity

Faculty Member	PMID1	PMID2	PMID3	PMID4	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Abela, George	27362065	27091328	26705388		6	8	2	2	Y	Y
Bandi, Appa Rao					1	2	0	0	Y	Y
Cohn, Joel	27022822				1	1	0	0	Y	Y
Dhar, Gaurav	25781440				1	1	0	0	Y	Y
Fischell, Tim	27339851	27013159	26457558		3	3	0	0	Y	Y
Ip, John	26955859				0	0	0	0	Y	Y
Schafer, James					1	1	0	0	Y	Y
Thakur, RK	27261838	27150182	27150178	26975224	1	3	0	0	Y	Y
Voice, Ronald					1	1	0	0	Y	Y

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

Program Name: Child and Adolescent Psychiatry Fellowship
Program Director: Madhvi Richards, MD

Graduating residents and destinations:

1. Katherine Krive, DO - appointed as assistant professor and Associate Residency Program Training Director at Michigan State University Psychiatry Residency Programs
2. Zachary Gleeson, DO – appointed at Henry Ford Allegiance Health and working with the residency program

Incoming residents and medical school attended:

1. Jennifer Votta, DO – Completed medical school at the Philadelphia College of Osteopathic Medicine and completed her General Adult Psychiatry Residency training at University of Virginia Medical Center’s General Psychiatry Program
2. Shady Shebak, MD – completed medical school at the American University of the Caribbean School of Medicine and completed his PGY1-PGY3 years of General Residency at the Virginia Tech Carilion School of Medicine
3. Samantha Kennedy, DO – completed medical school at Michigan State University’s College of Osteopathic Medicine and completed years PGY1- PGY3 at the Michigan State University General Adult Psychiatry Residency Program

Faculty changes

1. Appointment of three new research faculty: Amara Ezeamama, PhD, Itziar Familiar, M.D, PhD, Horacio Ruisenor Esudero, MD, PhD
2. Collaboration with Jordanian Psychiatrists – Visiting professor Dr. Raafat

Major accomplishments over previous year:

1. Erica Larson (fellow) – presentation and grant recipient for AACAP
2. Michael Boivin – Presentation at various international conferences in Africa re: Cognitive disorders and HIV/Cerebral malaria
3. Alyse Ley, DO - Fellow of the American College of Neuropsychiatrists (A.C.N.) Elected and approved by the ACN Board of Governors. AOA Annual Convention – ACN Awards Banquet. Prestigious Certificate and Medallion. October 18, 2015.

Honors (resident and faculty):

- Alyse Ley, DO - Fellow of the American College of Neuropsychiatrists (A.C.N.) Elected and approved by the ACN Board of Governors. AOA Annual Convention –ACN Awards Banquet. Prestigious Certificate and Medallion. October 18, 2015.
- 2016 Outstanding Achievement in Osteopathic Medical Education Award - Michigan State University College of Osteopathic Medicine Student Mental Health Committee (SMHC), given to Alyse Ley, DO; March 23, 2016.

Challenges/opportunities for upcoming year:

- Recruiting for upcoming years
- expanding program into the Flint area
 - increasing complement
 - adding rotation sites
- Participation in Mid-Michigan Research day
- Additional fellow spots
- New elective out-rotations
- Addition of associate program director
- Recruiting child faculty

Briefly indicate at least one way your program addresses each of the ACGME Core Competencies:**1. Patient Care**

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

2. Medical Knowledge

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

3. Practice-based Learning and Improvement

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

4. Interpersonal and Communications Skills

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

5. Professionalism

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

6. Systems-based Practice

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

7. 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

Resident	Year in Program	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Hillman, Dora	1	0	0	N	Y
Larson, Erica	1	3	0	Y	Y
Gleeson, Zachary	2	0	0	Y	Y
Krive, Katherine	2	1	0	Y	Y

Faculty Scholarly Activity

Faculty Member	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Richards, Madhvi	0	0	0	0	N	Y
Anstett, Louis	0	0	0	0	N	Y
Barnes, Michael	0	0	0	0	N	Y
Biermann, Bernard	0	0	0	0	N	Y
Ley, Alyse	4	1	0	0	Y	Y
Magen, Jed	7	0	0	0	Y	Y
Quinlan, Paul	2	2	0	0	N	Y
Scheid, Jeanette	0	1	0	0	N	Y
Schnurr, Emily	0	0	0	0	N	N
Smith, Brian	2	2	0	0	Y	Y

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

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

Graduating residents and destinations:

1. Dr. Preethi Krishnan – Licking Memorial Hospital, Newark, OH

Incoming residents and medical school attended:

1. Dr. Issra Jamal
 - a. Medical School at King Abdulaziz University College of Medicine and Allied Sciences
 - b. Internal Medicine Residency at Baystate Medical Center/Tufts University
2. Dr. Mohammad El-Rifai
 - a. Medical School at University of Jordan Faculty of Medicine
 - b. Internal Medicine Residency at New York Medical College at St Josphe's Regional Medical Center (Paterson, NJ)

Faculty changes

1. No faculty changes to report.

Major accomplishments over previous year:

1. 2nd year fellow, Dr. Preethi Krishnan, was invited to attend the Endocrine University sponsored by the Mayo Clinic.

Challenges/opportunities for upcoming year:

- Incorporating 2 new fellows into existing program, making the fellow count 4 for the 2017-2018 year.

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

Patient Care:

- Reviewed by attending physician during rounds and clinic

Medical Knowledge:

- Reviewed by attending physician during rounds and clinic

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 attending's with fellows a part of the improvement plans.

Resident Scholarly Activity

Resident	Year in Program	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Bhalla, Gaurav	1	6	0	Y	Y
Krishnan, Preethi	2	11	0	Y	Y

Faculty Scholarly Activity

Faculty Member	PMID1	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Hebdon, George		1	2	0	0	N	Y
Aldasouqi, Saleh		3	9	0	3	N	Y
Kakumanu, Naveen	27061480	2	3	0	0	N	Y

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

Program Name: General Adult Psychiatry Residency

Program Director: Alyse Ley, DO

Graduating residents and destinations:

Jamie Arnold, DO – Completed all training November 15, 2015, Working at Clinton Eaton Ingham Community Mental Health

Ruth Baer, DO – Completed all training August 26, 2015, has been hired as faculty in the Michigan State University Psychiatry Department, East Lansing MI

Junko Yasuda-Free, DO – Completed all training October 6, 2015, practicing in Bellevue, Washington

Jesse Guasco, DO – Completed all training June 30, 2016, is completing an OMM fellowship in Maine

Sarah Lewis, DO – Completed all training August 12, 2016, has been hired as faculty in the Michigan State University Psychiatry Department, East Lansing MI

Nicholas Sandersfeld, DO- Completed all training July 21, 2016 and working in Washington State

Samantha Kennedy, DO- promoted to PGY IV July 1, 2016 -started the Child Psychiatry Fellowship July 1, 2016

Incoming residents July 2016 (include medical school attended):

Emily Beary DO – Lake Erie College of Osteopathic Medicine

Tejas Bondade DO – Western University of Health Sciences College of Osteopathic Medicine of the Pacific, Pomona Campus, Pomona, CA

Allie Davis DO – Pacific Northwest University of Health Sciences College of Osteopathic Medicine Michigan State University College of Osteopathic Medicine, East Lansing MI

Adrienne Linskey DO – Michigan State University College of Osteopathic Medicine, East Lansing MI

Chau Tran DO – Touro University Nevada College of Osteopathic Medicine

Faculty changes

1. Ruth Baer, DO appointed as faculty
2. Appointment of three new research faculty: Amara Ezeamama, PhD, Itziar Familiar, M.D, PhD, Horacio Ruisenor Esudero, MD, PhD
3. Collaboration with Jordanian Psychiatrists – Visiting professor Dr. Raafat
4. Dale D’Mello, MD returns to work with residents on the Adult Inpatient Unit.

Major accomplishments over previous year:

1. Continued expansion of telepsychiatry services throughout the state to underserved areas and incorporation of the residents into the telepsychiatry program
2. Continued compliance with ACGME rules, supervision requirements and hand off procedures.
3. Commendation from the ACGME and continued accreditation.
4. Appointment of faculty member- Ruth Baer
5. Appointment of three new research faculty- opportunities for faculty collaboration
6. Collaboration with psychiatrists in Merida, Mexico on international learning series
7. Resident exchange with Merida - Guasco
8. Collaboration with Jordanian Psychiatrists – Visiting professor Dr. Raafat
9. APA SAMSHA Minority Fellowship-Nicole Albrecht MD
10. Nicole Albrecht MD-MPS Resident President
11. Daniel Dawis DO-MPS Resident President Elect
12. Continued publication of the Muslim Mental Health Journal
13. Hosted the annual Muslim Mental Health Conference
14. FM/IM/Psychiatry integrated quarterly conference
15. Alycia Ernst received a grant award for research project from GMEI
16. Streamlined resident lectures and didactics to one afternoon per week to increase clinical patient contact time.

Honors (resident and faculty):

- APA SAMSHA Minority Fellowship-Nicole Albrecht MD
- Nicole Albrecht MD-MPS Resident President
- Daniel Dawis DO-MPS Resident President Elect
- Alycia Ernst received a grant award for research project from GMEI
- Nicholas Sandersfeld D.O.-SHELF review for med students
- Sarah Lewis and Matt Huckabee participated in GMEI research day
- Jed Magen, DO, MS Distinguished Fellow, American College of Osteopathic Neurologists and Psychiatrists – 2015
- Jed Magen, DO, MS American College of Psychiatrists Fellow 2015
- Alyse Ley, DO American College of Neuropsychiatrists Fellow 2015
- 2016 Outstanding Achievement in Osteopathic Medical Education Award - Michigan State University College of Osteopathic Medicine Student Mental Health Committee (SMHC), given to Alyse Ley, DO; March 23, 2016.

Challenges/opportunities for upcoming year:

1. Improving CQI project implementation for residents and faculty.
2. Participation in area research days
3. Implementation of new EMR Athena in the MSU Outpatient Clinics
4. Upgrading computer software
5. Resident Evaluation and feedback systems
6. Addition of associate program director
7. 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:

1. Patient care

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

2. Medical Knowledge

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

3. Practice-based learning and improvement

Resident seminar presentations
Required written case presentations
Seminar discussions
Journal clubs

4. Interpersonal and communications skills

Staff feedback
Survey of patient satisfaction
Direct observation
Faculty evaluations

5. Professionalism

Faculty evaluations
Direct observation
Attendance sheets
Patient satisfaction survey

6. Systems-based practice

Faculty evaluation

Resident Q/A project in outpatient clinic

7. (AOA Competency) Osteopathic Manipulative Medicine

Approximately 16 hours of seminar in collaboration –Statewide Campus System May 2016

Resident Scholarly Activity

Resident	Year in Program	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Chu, Sin	1	0	0	N	N
Dhillon, Maninderpal	1	0	0	N	N
Herrington, Nolan	1	0	0	N	N
Huckabee, Matthew	1	1	0	N	Y
Witte, Sierra	1	0	0	Y	N
Achampong, Nana	2	0	0	N	Y
Ernst, Alycia	2	0	0	Y	Y
Nguyen, John-Minh	2	0	0	N	Y
Albrecht, Nicole	3	2	0	Y	Y
Dawis, Daniel	3	0	0	Y	Y
Hartzler, James	3	0	0	N	Y
Zyskowski, Sarah	3	0	0	N	Y
Arnold, Jamie	4	0	0	Y	Y
Guasco, Jesse	4	1	0	Y	Y
Lewis, Sarah	4	1	0	Y	N
Sandersfeld, Nicholas	4	0	0	Y	Y
Yasuda-Free, Junko	4	0	0	Y	Y

Faculty Scholarly Activity

Faculty Member	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Ley, Alyse	5	5	0	0	Y	Y
Baker, John	0	2	0	0	N	Y
D'Mello, Dale	1	10	0	0	Y	Y
Herrera, Jose	0	0	0	0	N	Y
Krive, Katherine	1	5	0	0	N	N
Magen, Jed	7	0	0	0	Y	Y
Richards, Madhvi	2	2	0	0	Y	Y
Wagenaar, Deborah	2	1	0	0	Y	

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

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

Graduating residents and destinations:

1. Mohamed Akkad – Mid Michigan Health, Alma, MI
2. Hemasri Tokala – Western Michigan Cancer Center, Kalamazoo, MI
3. Mohammed Shaik – Private Practice, Flint area

Incoming residents and medical school attended:

1. Jailan Elayoubi
 - a. Medical School at University of Alexandria Faculty of Medicine
 - b. Internal Medicine Residency at Oakwood Hospital
2. Daniel Isaac
 - a. Medical School at Edward Via College of Osteopathic Medicine
 - b. Internal Medicine Residency at Beaumont Hospital
3. Abdullah Almohammadi –
 - a. Medical School at King Abdulaziz University College of Medicine & Allied Sciences
 - b. Internal Medicine Residency at Wayne State/DMC

Faculty changes

1. No change from 7/1/15 – 6/30/16
 - a. Dr. Jatin Rana signed contract during this year but started with the team on 7/18/16

Major accomplishments over previous year:

1. Maintaining 100% pass rate for the boards
2. Maintain full accreditation
3. Secured funding for an additional fellow from external funding (SACM)
4. M. Shaik & M. Akkad abstract presentation at ASH meeting December, 2015

Honors (resident and faculty):

1. 1 fellow was awarded for his research presentation at the GME Lansing Research Day.

Challenges/opportunities for upcoming year:

1. Faculty recruitment and retention
2. New EMR system
3. Continued fellowship funding
4. Lack of multiple subspecialty rotation locally, fellows have to travel for these rotations.

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 ½ day continuity clinics per week throughout the three years of the program. Added to the community based clinics in Flint.
- All cases are discussed with faculty and evidence based management are always reviewed.

Medical Knowledge:

- The program offers to all fellows the in-training exam of Hematology as well as the in-training exam in and Oncology
- Also, the program offers paid subscription for Oncology Essentials For Fellows, This is a peer reviewed program administered
- Fellows also have access to the American Society of Hematology Self-Assessment program.
- Weekly core conference and Journal Club are held throughout the year with presentation by faculty and fellows.

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

Resident	Year in Program	PMID1	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Ahmad, Delshad	1	26764429	0	0	N	Y
Alkharabsheh, Omar	1		0	0	Y	Y
Kannarkatt, Joseph	1		0	0	N	Y
Shaik, Mohammed	2		0	0	N	Y
Tokala, Hemasri	2		0	0	N	Y
Akkad, Mohamed	3		2	0	N	Y

Faculty Scholarly Activity

Faculty Member	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Al-Janadi, Anas	0	5	0	0	Y	Y
Hrinczenko, Borys	4	1	0	13	Y	Y
Tamkus, Deimante	1	2	0	10	Y	Y

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

Program Name: Infectious Disease Fellowship

Program Director: Daniel Havlichek, MD

Graduating residents and destinations:

1. Hanish Singh, continued training in anesthesia and critical care fellowship, Wayne State University

Incoming residents and medical school attended:

1. Sarah Nangle, DO. Touro University College of Osteopathic Medicine, Vallejo, California

Faculty changes

1. Resignation of Dr. Apoorv Kalra September 2016

Major accomplishments over previous year:

1. Dr. Mitra led study that was published in Clinical Vaccine and Immunology, November 2016. *Immunogenicity of 13-valent conjugate pneumococcal vaccine in patients 50 years older with end-stage renal disease and on dialysis.*

Honors (resident and faculty):

- Dr. Havlichek listed as Sparrow Physician Hall of Fame

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.

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

Resident	Year in Program	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Almanasif, Mohammed	1	0	0	Y	Y
Singh, Hanish	2	0	0	Y	Y
Syed, Javeria	2	0	0	Y	Y

Faculty Scholarly Activity

Faculty Member	PMID1	PMID2	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Havlichek, Daniel			0	10	0	0	Y	Y
Kalra, Apoorv			0	0	0	0	N	Y
Mitra, Subhashis	26306073	27166069	1	0	0	0	N	Y
Tran, MaryAnn			0	0	0	0	Y	Y

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

Program Name: Integrated Residency in General Surgery

Program Director: Robert Osmer, MD

Graduating residents and destinations:

1. Dr. Nicole Zaremba
581 W17581 Haven Dr.
Muskego, WI 53150
(Breast Oncoplastic Surgery, University of Southern California)
2. Dr. Yetnayet Zewge
581 W17581 Haven Dr.
1806 Bellemeade CT.
Cincinnati, OH 45230
(Private Practice - not known) – sent text on 12-29-16
3. Dr. Gabriel Gallardo
10049 Woodlawn Dr.
Portage, MI. 49202
(General Surgery, Spectrum Health (Blodgett) – Grand Rapids, MI)
4. Dr. Anthony Darr
182 Dewdrop Rd., Apt. C
York, PA 17402
(General Surgeon - Saint Luke's University Health Network Monroe Campus in the Poconos– PA)

Incoming residents and medical school attended:

1. Ian Behr, M.D. (Categorical) – Wayne State University School of Medicine
2. Danielle Dougherty, M.D. (Categorical) – University of Michigan Medical School
3. Ashley Holly, M.D. (Categorical) – Creighton University of Medicine
4. Chibueze Onyemkpa, M.D. (Categorical) – Nnamdi Azikiwe University College of Health Sciences
5. Michael Lundin, M.D. (Preliminary) – Michigan State University CHM
6. Yinan Wei, M.D. (Preliminary) – Wayne State University School of Medicine
7. Matthew Rausch, M.D. (Preliminary) – University of Michigan Medical School
8. Michelle Abghari, M.D. (Preliminary 2) – Wayne State University School of Medicine

Faculty changes

1. Mitchell Bradford, MD joined MSU January 4, 2016
2. Michelle Southard, DO joined MSU October 1, 2016
3. Andrew Saxe, MD retired September 30, 2016

4. Hiromichi Ito, MD left July 15, 2016
5. Angela Lower, PA – left June 30, 2016
6. Ashley Day, PA – joined MSU May 31, 2016

Major accomplishments over previous year:

1. Outstanding Educator Award, Flint Campus – Mark Mattos, DO
2. Outstanding Educator Award, Lansing Campus – Srinivas Kavuturu, MD
3. Highest Junior ABSITE – Shay Mansoor, MD
4. Highest Senior ABSITE – Reginald Anunobi, MD
5. Most Improved Junior – Andi Peshkepija, MD
6. Most Improved Senior – John Hardaway, MD
7. Research Award – Nicole Zarembo, MD
8. All four chiefs passed ABS qualifying exam. Anthony Darr, MD, Gabriel Gallardo, MD, Nicole Zarembo, MD, Yetnayet Zewge, MD. Awaiting results of certifying exam.

Honors (resident and faculty):

- CHM Outstanding Lansing Resident Teaching Award – Dahlia Rice, MD
- Nicole Zarembo – AOA November 4, 2015

Challenges/opportunities for upcoming year:

- Shortage of General Surgery Faculty
- No permanent place at all times for a Simulation Center
- Migrate to competency based medical education

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

Patient Care:

- Weekly Pre-Operative Management Conference

Medical Knowledge:

- Protected time for residents Thursdays 7am – 1pm
 - 7:00am – 8:00am: M&Ms
 - 8:00am – 9:00am: Grand Rounds (1st & 3rd week),
Pre-Operative Conference (2nd & 4th week)
 - 9:00am – 10:00am: This Week in SCORE
 - 10:00am – 11:00am: The Pass Machine Video Lecture
 - 11:00am – 12:00pm: Virtual Surgical Patient Discussion/Independent Study
 - 12:00pm – 1:00pm: Comprehensive Breast Clinic, Tumor Board

Practice-based Learning and Improvement:

- Weekly Surgical Morbidity & Mortality conference
- New CCC will review all residents bi-annually and determine competency of residents
- New PEC will review program annually and implement changes for improvement

Interpersonal and Communications Skills:

- Humanities curriculum – Study surgical culture

Professionalism:

- Program retreat with Todd Bradley from MSU Human Resources

Systems-based Practices:

- Invited Speakers:

Grand Rounds Speakers
2015-2016

Date	Name	Title	Disclosure Form
July 9	Bradford K. Mitchell, M.D., FACS, ECNU C: 304-685-6100	Cellular and Molecular Biology in Thyroid Cancer.	Yes: Afirm
October 1	Upender Manne, PhD University of Alabama at Birmingham [guest-Dr. Bumpers]	Cancer Biomarker Development: Clinical Implications Based on Race and Ethnicity	Sent: 9/4, 9/14, 9/18
October 8	Akio Saiura, MD (guest Dr. Ito)	Japanese style HPB Surgery	Sent: 9/4, 9/14, 9/18
October 22	Mahsa Javid, M.D. DPhil FRCS C: 203-645-9717	Current Trends in Endocrine Surgery	Yes: Nothing to Disclose
November 12	Sukamal Saha, MD Sue # 810-230-8609 ssahadr@aol.com	Management of Malignant Melanoma	Yes: Nothing to disclose
December 3	Harvey Bumpers, MD	Challenges of Breast Cancer in Young Women	Yes: Nothing to disclose
December 10	Sandra Bulemore, NP Claire Saadeh Jennifer Caswell, PA-C	Pain Management: A Surgical Perspective	Yes: Nothing to disclose 10/27, 10/21, 4/13
December 17	Andrew Saxe, MD	Parathyroid Localization	Yes: Nothing to disclose 4/10/15
January 7	David Scheeres, MD sheeresh@msu.edu 616-774-8501	Physiology, Work Up & Management of GERD	Yes: Nothing to disclose 11/30/15

January 21	Kurt Heiss, MD Kurt.heiss@choa.org 404-785-5437	Surgeon Health and Resilience: A Review of Surgeon Burn Out and Second Victim Syndrome in Contemporary Surgical Practice	Yes: Nothing to disclose 10/16/15
February 4	Benjamin Mosher, MD	Abdominal Compartment Syndrome	Yes: Nothing to disclose
February 18	Nicole Zaremba, MD	Oncoplastic Breast Conservation	Nothing to disclose 4/27/15
March 3	Gabriel Gallardo, MD	What We Know About Surgical Meshes	Yes: Nothing to disclose 4/10/15
March 17	Larry Ansari, MD	Current Understanding of Shock and Best Practices	Sent 1/11/16
March 31	Larry Ansari, MD		
April 7	Cody Nebeker, John Hardaway, Andi Peshkepija	How to Maximize Learning and Improvement in the OR: Lessons Learned from MSU GOAL	Yes: Nothing to disclose
April 28	Anthony Darr, MD		Yes: Nothing to disclose 5/12/15
May 5	Dr. Clarkson		
May 12	Robert Osmer, MD		Yes: Nothing to disclose 6/2015
May 26	John Hardaway, MD		Sent 11/30
June 9	Ashley Hesson		
June 16	Dr. Kavuturu	Oncology and Tumor Biology	

Resident Scholarly Activities

Resident	Year in Program	PMID1	PMID2	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Behr, Ian	1			1	0	Y	Y
Dougherty, Danielle	1			1	0	Y	Y
Holly, Ashley	1			0	0	Y	N
Onyemkpa, Chibueze	1			3	0	Y	Y
Rausch, Matthew	1			0	0	N	Y
Abghari, Michelle	2	26361447	26571049	0	0	Y	Y
Hsu, Kun-Tai	2			0	0	Y	Y
Nebeker, Cody	2			1	0	Y	Y
Ochoa-Frongia, Laura	2			0	0	N	Y
Rashid, Lewis	2			1	0	N	N
Mansoor, Shay	3			0	0	Y	Y
Peshkepija, Andi	3			0	0	Y	N
Anunobi, Reginald	4			0	0	Y	Y
Hardaway, John	4	27333087		2	0	N	Y
Darr, Anthony	5			0	0	N	Y
Zaremba, Nicole	5	27124200		1	0	Y	Y
Zewge, Yetnayet	5			0	0	N	Y

Faculty Scholarly Activity

Faculty Member	PMID1	PMID2	PMID3	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Osmer, Robert				0	3	0	0	Y	Y
Almutairi, Khalid	26910703			0	0	0	0	N	N
Ansari, Larry				0	2	0	0	N	N
Bumpers, Harvey	27124200	26318304	26254169	2	2	0	2	Y	N
Coffey, Daniel				0	2	0	0	N	N
Collar, Alonso				3	0	0	0	Y	Y
Hirschl, Ronald	27008334	27027471	26537560	5	7	2	1	Y	Y
Kepros, John				1	0	0	0	N	N
Kia, Michael				2	1	0	1	Y	N
McLeod, Michael				1	0	0	0	Y	Y
Molnar, Robert				4	0	1	0	Y	Y
Mosher, Benjamin				3	2	0	0	Y	Y
Munoz, Lynn				0	1	0	0	Y	Y
Saxe, Andrew				0	10	0	0	Y	Y
Schneider, Paul				0	6	0	0	N	Y
Zwyghuizen, Andrew				0	0	0	0	N	Y

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

Program Name: Internal Medicine Residency

Program Director: Supratik Rayamajhi MD

Graduating residents and destinations:

1. Olisa Achike: Cardiology Fellowship, East Carolina University, Greenville, N.C.
2. Julie Akright: Infections Disease Fellowship, Rush University, Chicago, I.L.
3. Sammar Alsunaid: Pulmonary/Critical Care Fellowship, Detroit Medical Center, Detroit, M.I.
4. Megan Benedict: Pulmonary/Critical Care Fellowship, Sparrow Hospital Lansing, M.I.
5. Victor Elgabalawi: Hospitalist Sparrow Hospital, Lansing, M.I.
6. Tejaswini Joginpally: Hospitalist, University of Illinois, Champagne/Urbana, I.L.
7. Michael Kehdi: Chief Resident, MSU IM Residency, East Lansing, M.I.
8. Suwen Kumar: Cardiac Imaging Fellowship, Oregon Health Sciences University, Portland, O.R.
9. Mindy Chilman McComb: Osteopathic Manipulative Medicine Fellowship, MSU, East Lansing, M.I.
10. Ryan Melvin: Cardiology Fellowship, Sparrow Hospital, Lansing, M.I.
11. Suhasini Rallabandi: Hospitalist, Mercy Hospital, Joplin, M.O.
12. Todd Wisser: Geriatrics Fellowship, MSU, East Lansing, M.I.
13. Julie Yam: Gastroenterology Fellowship, McLaren Greater Lansing, Lansing, M.I.

Incoming residents and medical school attended:

1. Ahmad Alratroot, University of Dammam College of Medicine, Dammam, Saudi Arabia
2. Om Dawani, Dow Medical College, Karachi, Pakistan
3. Morgan Dudley, Michigan State University College of Human Medicine, East Lansing, M.I.
4. Mahmoud Elsayed, University of Cairo Faculty of Medicine, Cairo, Egypt
5. Mohamed Hassanein, University of Alexandria Faculty of Medicine, Alexandria, Egypt
6. Mian Iftikhar, C.M.H. Lahore Medical College and Institute of Dentistry, Lahore, Punjab, Pakistan
7. Lilit Karapetyan, Yerevan State Medical University Named for Mkhitar Heratsi, Yerevan, Armenia
8. Afshan Khan, Michigan State University College of Osteopathic Medicine, East Lansing, M.I.
9. Xiao Ling, Saba University school of Medicine, Bonaire, Sint Eustatius and Saba

10. Michael Lundin, Michigan State University College of Human Medicine, East Lansing, M.I.
11. Divyesh Nemakayala, Windsor University School of Medicine, St. Kitts, West Indies
12. Konchok Norgais, Maulana Azad Medical College, New Delhi, India
13. Sagar Panthi, Institute of Medicine, Tribhuvan University, Nepal
14. Joseph Prinsen, Michigan State University College of Osteopathic, East Lansing, M.I.
15. Syed Shah, Aga Khan University Medical College, Pakistan

Faculty changes

None

Major accomplishments over previous year:

1. Self-study and Pilot site-visit was completed
2. Didactics changed to improve sub-specialist presentations as suggested by ACGME resident survey results
3. Grand Rounds changed to improve presentations from external speakers with national recognition
4. Proposed and got approval from DIO/VPME/Chair for a 2nd Chief-Resident position for year 17/18 (4th year chief-resident for Quality Improvement and Patient Safety)
5. Outstanding graduate placement into competitive fellowships- several of them staying in town with MSU/Sparrow fellowships
6. Retention of a graduate within Sparrow Hospital who chose general medicine career
7. Continuation of Complex Care Clinic (CPC) and enhanced mental health care curriculum

Honors (resident and faculty):

1. Outstanding Senior: Brian Grondahl
2. Outstanding Junior: Laura Bohatch
3. Bernard H. Smookler Award: Mindy Chilman McComb
4. David Greenbaum Emerging Leader Award: Michael Kehdi
5. Rose Award: Jinie Shirey
6. Outstanding Resident in Cardiology: Brian Grondahl
7. Outstanding Resident in Endocrinology: Julie Akright
8. Outstanding Resident in Hematology/Oncology: Victor Elgabalawi
9. Outstanding Resident in Hematology/Oncology: Todd Wisser
10. Outstanding Resident in Infectious Diseases: Julie Akright
11. Outstanding Resident in Research: Suwen Kumar
12. Excellence in Teaching (University Faculty): Laura Freilich
13. Excellence in Teaching (Community Faculty): Ghulam Khaleeq
14. Research Teacher of the Year: Nazia Khan
15. Outstanding Clinical Support Staff: Lindsey Loepp
16. Outstanding Fellow in Teaching: Fadi Alreefi
17. Inpatient Nurse of the Year: Satya Subedi
18. Induction into Alpha Omega Alpha, the national medical honor society: Suwen Kumar

Challenges/opportunities for upcoming year:

1. ACGME Accreditation 10-year site visit
2. All residents are now Sparrow-employed instead of GMEI
3. New Sparrow internal medicine residency program and working relationship within the same hospital
4. HRSA grant has expired and 2 new key-faculty are being trained in mental health care curriculum to continue on Complex Patient Care
5. New Sparrow Resident communication center to open next year
6. QIPS chief-resident for improving adherence to best practices and improving quality and safety metrics
7. Dr. Smith will be on sabbatical for next year – so identify a new key faculty for a year

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

Patient Care:

- Direct observation of clinical skills using Mini-CEX forms.

Medical Knowledge:

- In Training Exam

Practice-based Learning and Improvement:

- Morbidity and Mortality reflective exercises, participation in presentations

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

Resident	Year in Program	PMID1	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Achike, Olisaemeka	3		1	0	Y	Y
Akright, Julie	3		2	0	Y	Y
Alsunaid, Sammar	3		1	0	Y	Y
Benedict, Megan	3		1	0	Y	Y
Chilman, Mindy	3		1	0	Y	Y
Elgabalawi, Victor	3		0	0	Y	Y
Joginpally, Tejaswini	3		0	0	Y	Y
Kehdi, Michael	3		4	0	Y	Y
Kumar, Suwen	3	26613951	5	0	Y	Y
Melvin, Ryan	3		0	0	Y	Y
Rallabandi, Suhasini	3		1	0	Y	Y
Yam, Julie	3		1	0	Y	Y

Faculty Scholarly Activity

Faculty Member	PMID1	PMID2	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Rayamajhi, Supratik			7	0	2	2	N	Y
Freilich, Laura	26830516		0	1	0	0	N	N
Gulick, Peter			2	0	0	1	N	N
Khan,	27512651		3	1	0	1	N	Y

Faculty Member	PMID1	PMID2	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Nazia								
Laird-Fick, Heather	26613951	26830516	4	4	0	0	Y	Y
Smith, Robert	26830516		5	2	0	1	N	N

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

Program Name: Interventional Cardiology Fellowship

Program Director: Tim A. Fischell, MD

Graduating residents and destinations:

1. Sridevi Durga, MD - Practice in Springfield, MO
2. Sayed Tariq, MD - Practice in Springfield, OH
3. Sidakpal Panaich, MD - went on to structural heart fellowship at Mayo

Incoming residents and medical school attended:

1. Manjunath Raju, MD - M.S. Ramaiah Medical College, Bangalore, India
2. Mayank Mittal, MD - Grant Medical College, Mumbai, India
3. Sanjeev Nair, MD -M.P. Shah Medical College, Jamnagar, Gujarat State, India

Faculty changes

Addition of Dr. Jagadeesh Kalavakunta to our program. Dr. Kalavakunta completed his interventional cardiology fellowship from our 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 2015/2016. 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. Robert LaPenna; Dr. Steven Peck; Dr. William LaPenna; Dr Kamath; 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, 2015, and look forward to our ongoing affiliation with Michigan State University.

Honors (resident and faculty):

1. Several Exceptional Performer awards to faculty (Dr. Fischell, Dr. Gupta, Maria Cole)
2. Grants received from Abbott Vascular & Medtronic to our IC fellowship program

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 our 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. The addition of Dr. Frank Saltiel to the Heart Center practice has been helpful. Drs. Gupta and Saltiel have now started an active TAVR (percutaneous aortic valve replacement) program to allow exposure of the fellows to state-of-the-art structural heart intervention. This should 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 to their 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

Resident	Year in Program	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Durga, Sridevi	1	0	0	Y	Y
Panaich, SidakPal	1	0	0	Y	Y
Tariq, Sayed	1	0	0	Y	Y

Faculty Scholarly Activity

Faculty Member	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Fischell, Tim	4	4	1	2	Y	Y
Gupta, Vishal	14	10	0	2	Y	Y
Gustafson, John	0	2	0	0	N	N
Kamath, Sreenivas	0	4	0	0	N	N
LaPenna, Robert	0	2	0	0	N	N
LaPenna, William	0	2	0	0	N	N
Peck, Stephen	0	2	0	0	N	N
Saltiel, Frank	1	4	0	2	Y	Y

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

Program Name: Neonatal-Perinatal Medicine Residency

Program Director: Ira H. Gewolb, MD

Graduating residents and destinations:

1. Erica Gatien, MD
Virginia Mason Memorial Hospital
2811 Tieton Drive
Yakima, WA 98902

Incoming residents and medical school attended:

1. Nageshwar Chauhan, MD
Indira Gandhi Medical College
Shimla India
2. Chintan Gandhi, MD
Medical College of Baroda
Baroda India

Faculty changes

1. Tarek Mohamed, MD (added)
2. Lalitha Gundamraj, MD (80% FTE-added)

Major accomplishments over previous year:

1. Increased NICU census to 47 (from 35)
2. Yearly census increased to 675 per annum
3. Dr. Karna heading the "Prolacta Cream Study- funded by Prolacta Biosciences Total \$ 56,000.

Honors (resident and faculty):

1. Katsu Kojima, PI-6 (mentor- Dr. Ira Gewolb), won the Best Oral Presentation at the Mid-Michigan Research Day for a paper entitled: Accelerometric assessment of gastroesophageal reflux in term infants in the first week of life. April, 2016
2. Dr. Omar became a member of the editorial board of the Journal of Nephrology Research
3. Dr. Omar was an invited speaker at the National Heat Institute in Egypt

Challenges/opportunities for upcoming year:

1. Recruiting fifth neonatology fellow and integrating him/her into fellowship program
2. OB elective to be fully incorporated fellow schedule
3. Continued challenges regarding lack of subspecialty care. Some critical areas include neurology, endocrinology, developmental pediatrics, radiology, and pediatric surgery and

surgical sub-specialties. Some progress has been made in pulmonology, infectious diseases and genetics.

4. Continued NNP/PA shortages.

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 University of Michigan (year 2 or 3).
- Pediatric Surgery rotation/elective is recommended at University of Michigan (year 2 or 3).
- High Risk Obstetrics rotation/elective is recommended at Sparrow (year 3)

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
 - Multidisciplinary Perinatology Conference- monthly, jointly with Ob-Gyn, cardiology, ID, Nutrition and nursing
 - 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, and in basic and clinical sciences.

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. This also falls under patient care and systems based practice.
- 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.

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.
- Monthly reviews of the performance of faculty and fellows is provided to the Nursing Manager, who reports problems to the Division Chief. Feedback from the Nursing staff thus helps identify lapses in professionalism, which are addressed immediately. The Division Chief is involved in giving feedback and providing counseling to all fellows.
- Evaluations of elements of professionalism of the fellow are given each month by the responsible Attending, using the New Innovations System.

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

Resident	Year in Program	PMID1	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Chauhan, Nageshwar	1		0	0	Y	Y
Gandhi, Chintan	1		0	0	Y	Y
Jani, Sanket	2		2	0	Y	Y
Gatien, Erica	3	26765551	2	0	Y	Y

Faculty Scholarly Activity

Faculty Member	PMID1	PMID2	PMID3	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Gewolb, Ira	27357997	27318211	27093376	5	2	0	0	Y	Y
Awonuga, Modupe				0	2	0	0	N	Y
Gundamraj, Lalitha				0	0	0	0	N	Y
Kadrofske, Mark	26381722	27288421		2	0	0	3	Y	Y
Karna, Padmani	26574587	26470687	26350726	2	4	0	2	Y	Y
Mohamed, Tarek	27093376	26495166		0	0	0	0	N	Y
Olomu, Isoken				0	1	0	0	N	Y
Omar, Said	26495166			3	0	0	0	Y	Y

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015 -2016**

Program Name: Pediatrics Residency

Program Director: Michael Stiffler, MD

Graduating residents and destinations:

- 1- Mo'ath Alhamad, MD – Neonatal-Perinatal Fellowship at University of South Florida
- 2- Sravani Avula, MD – Cardiology Fellowship at LSU Children's Hospital, New Orleans, LA
- 3- Nastassia Bommel, DO – Pediatrician at Jordan Valley Com Health Center in Springfield, MO
- 4- Erin Jakubowski, DO – Pediatric Hospitalist at Providence Park in Novi, MI.
- 5- Katsuaki Kojima, MD – Neonatal-Perinatal Fellowship at University of California, San Francisco
- 6- Amanda Torgeson, DO – Pediatrician at Capital Area Pediatrics in Lansing, MI
- 7- Krystal Sharpe-Kamer, DO – Hospitalist at Sparrow Hospital
- 8- Christopher Thompson, MD – Pediatrician, Mason Pediatrics and research for industry as a pediatric data scientist / MSU

Incoming residents and medical school attended:

- 1- Carlo, Allison C. – Lake Erie COM
- 2- Huckabee, Lindsay Marie – Lincoln Memorial University DeBusk COM
- 3- Vanderstelt, Stephanie Victoria – MSU / COM
- 4- Zafferani, Marc J. – Rocky Vista University COM
- 5- Fett, Jordan - Michigan State University College of Human Medicine
- 6- Virk, Jasmine - Windsor University
- 7- Sharaf, Abdullah - University of Cairo
- 8- Strady, Lauren - Kentucky College of Osteopathic Medicine

Faculty changes

1. Left - Pediatric subspecialists:
 - Vyas (Endo),
 - Bitar (GI),
 - Hammond (Hem/onc)
2. Added – Pediatric subspecialist:
 - Lowery (Adol) in GR,
 - Anas Taqatqa (cardio) previous resident,
 - Suad Khalil (Neuro) previous resident
 - Peds cardiologist

Major accomplishments over previous year:

1. Board pass rate - 8 of 9 first- time takers passed in 2016
2. Fellowships accepted:
 - Matt Carter – PICU in Arizona
 - Mohamed Farhat - PICU at UofM
 - Ira Holla - Rainbow Babies Children’s Hospital, OH,

Honors (resident and faculty):

1. Awards chosen by pediatric faculty:
 - PT Advocacy of the Year – Nastassia Bommel
 - Learner of the Year – Katsu Kojima
 - Professionalism – Matthew Carter
 - Intern of the Year – Jagraj Brar
2. Awards decided on by pediatric residents as a group:
 - Ryszewski Teaching Award - Samira Kannarkatt, M.D.
 - Patterson Advocacy Award - Yakov Sigal, M.D.
 - Helfer Teaching Award - Arpita Vyas, M.D.
 - Veldman Teaching Award - Steven Martin, M.D.
3. Resident Teacher of the Year given by CHM medical students – Mohamed Farhat

Challenges/opportunities for upcoming year:

1. More exposure for procedural skills
2. Combining dual MD/DO program to an ACGME program with an osteopathic focus
3. Improving Board Scores
4. Increase faculty participation in administrative duties

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

- OSCE at learning center, Mock Code Simulation each rotation

Medical Knowledge:

- Half-day Thursday didactic every week

Practice-based Learning and Improvement:

- ILP – Residents update in Pedialink twice a year

Interpersonal and Communications Skills:

- End of the year OSCE retreat

Professionalism:

- Advocacy projects

Systems-based Practices:

- SPB 4wk rotation
- Gen peds 4wk rotation

Resident Scholarly Activity

Resident	Year in Program	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Almomani, Reem	1	0	0	N	Y
Alsaedi, Hani	1	0	0	N	Y
Brar, Jagraj	1	2	0	N	Y
Carney, Jessica	1	0	0	N	Y
Clark, Samantha	1	0	0	N	Y
Honer, Christine	1	0	0	N	Y
Kutsuwada, Shiho	1	0	0	N	Y
Wachob, Shreya	1	0	0	N	Y
Carter, Matthew	2	1	0	Y	Y
Creighton, Julie	2	0	0	Y	Y
Elayyan, Ala	2	0	0	Y	Y
Farhat, Mohamed Hani	2	0	0	Y	Y
Holla, Ira	2	0	0	Y	Y
Jarnagin, Stephanie	2	0	0	Y	Y
Justin, Rebecca	2	0	0	Y	Y
Sheikh, Zil-E-	2	0	0	Y	Y

Resident	Year in Program	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Huma					
Alhamad, Mo'ath	3	0	0	Y	Y
Avula, Sravani	3	1	0	Y	Y
Jakubowski, Erin	3	0	0	Y	Y
Kojima, Katsuaki	3	6	0	Y	Y
Richardson, Nastassia	3	0	0	Y	Y
Sharpe-Kamer, Krystel	3	0	0	Y	Y
Thompson, Christopher	3	0	0	Y	Y
Torgeson, Amanda	3	0	0	Y	Y

Faculty Scholarly Activity

Faculty Member	PMID1	PMID2	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Gera, Renuka			0	1	2	0	N	N
Gewolb, Ira			4	7	0	0	N	N
Guertin, Stephen			0	0	0	0	N	N
Kadrofske, Mark	27288421	26381722	2	0	0	3	Y	Y
Karna, Padmani			1	0	0	0	N	Y
Naz, Fareeha			0	3	0	0	N	N
Omar, Said			0	4	0	0	N	N
Raghib, Timur			0	3	0	0	Y	Y

Faculty Member	PMID1	PMID2	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Schein, Rebecca			0	2	3	0	N	Y
Sharangpani, Aditi			0	0	0	0	N	Y
Sigal, Yakov			1	2	0	0	N	Y
Sudhanthar, Sathyan			2	2	1	0	N	Y

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

Program Name: PM&R Residency

Program Director: Michael Andary, MD

Graduating residents and destinations:

1. David Hakopian - Fellowship in Pain Medicine and sports Medicine at MSU.
2. Joshua Nicholson - Fellowship in Pain Medicine in Flint MI
3. Ingrid Parrington - Serving in the Navy at Walter Reed Hospital and is also Faculty.

Incoming residents and medical school attended:

1. Richard Fong - Nova Southeastern University College of Osteopathic Medicine
2. Filip Cheng - Western Univ. of Health Sciences/College of Osteopathic Med of the Pacific
3. Anita Hemlich Bell - MSU COM
4. Gregory Gilmour - Ross University Dominica

Faculty changes

1. Larry Prokop dropped as Core Faculty
2. David Hakopian now faculty as a fellow.

Major accomplishments over previous year:

1. Expansion of Clinical space at Eyde building.
2. Collaboration with OMM on a joint fellowship for John Tegtmeier
3. Continued collaboration with Sports Medicine for our joint fellowship position.
4. Additional internship slot.
5. Survival of our clinical and educational programs without major cuts.
6. Successful increase in number of inpatient rehabilitation beds from 24 to 40.
7. Major alteration in the rotation at MGL with Dr. Prokop.

Honors (resident and faculty):

1. Dr. Sylvain is Chairman of the AOBPMR
2. Dr. Andary is the Vice Chair for the American Board of Electrodiagnostic Medicine

Challenges/opportunities for upcoming year:

1. Continue with current residency.
2. Run the internship in our department.
3. Consider ACGME approval of Pain Fellowship
4. AOA joint accreditation with ACGME.

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

Patient Care:

- Direct Observation by attendings

Medical Knowledge:

- Two Self-Assessment examinations for AAPMR and AANEM

Practice-based Learning and Improvement:

- Review of article and how it affected patient care in the resident Portfolio

Interpersonal and Communications Skills:

- Direct Observation
- Resident Observation and Competency Assessment (ROCA)

Professionalism:

- Direct Observation

Systems-based Practices:

- Global Assessment

Resident Scholarly Activity

Resident	Year in Program	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Alabdulkarim, Moayad	1	0	0	N	Y
Chaviano, Kelli	1	0	0	N	Y
Hull, Adam	1	0	0	N	Y
Karine, Yu	1	0	0	N	Y
Schratz, Millicent	1	0	0	N	Y
Cooper, Andrew	2	0	0	N	Y

Resident	Year in Program	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Smith, Meagan	2	0	0	N	Y
Verde, Michael	2	0	0	N	Y
Hakopian, David	3	1	0	Y	Y
Nicholson, Joshua	3	1	0	Y	Y
Parrington, Ingrid	3	0	0	Y	Y

Faculty Scholarly Activity

Faculty Member	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Andary, Michael	4	2	1	0	Y	Y
Atty, Edward	0	0	0	0	N	N
Gebara, Rani	1	1	0	1	Y	Y
Ho, Samuel	0	0	0	0	Y	Y
Kuldaneck, Andrea	0	0	0	0	N	Y
Sylvain, James	0	0	0	0	Y	Y
Tokhie, Harnoor	0	1	0	0	N	N
Wyatt, Rebecca	0	4	0	0	N	N

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

Program Name: Surgical Critical Care Fellowship
Program Director: Ben Mosher, MD

Graduating residents and destinations:
None

Incoming residents and medical school attended:

- Richard Maier, DO – Touro University, COM
Emergency Medicine Residency – Sparrow Hospital
MSU Surgery – Preliminary Year

Faculty changes
None

Major accomplishments over previous year:

- Faculty – abstract reviewers (2) for SCCM Annual meeting 2016

Honors (resident and faculty):

- 2016 Non-Em Faculty Teaching Award

Challenges/opportunities for upcoming year:
None

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

Patient Care:

- Rotational evaluations by faculty

Medical Knowledge:

- Participate in Adult MCCKA in-training exams

Practice-based Learning and Improvement:

- Participate monthly in trauma performance improvement program
- Participate monthly on Sparrow med staff critical care committee

Interpersonal and Communications Skills:

- Rotational evaluations by faculty

Professionalism:

- Rotational evaluations by faculty

Systems-based Practices:

- Lit Review and Journal Club

Faculty Scholarly Activity

Faculty Member	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Mosher, Benjamin	1	3	0	1	Y	Y
Armstrong, John	0	1	0	0	N	Y
Guertin, Stephen	1	4	0	0	Y	N
Kepros, John	2	0	0	0	Y	Y
Munoz, Lynn	0	1	0	0	Y	Y
Pahwa, Rajit	0	1	0	0	Y	Y

**College of Human Medicine
Michigan State University
Lansing Community Residency/Fellowship Annual Report
Academic Year: 2015-2016**

Program Name: Vascular Surgery Fellowship

Program Director: Carlo A. Dall'Olmo, MD

Associate Program Director: Mark A. Mattos, MD

Graduating resident and destinations:

1. Baraa Zuhaili, M.D., Private Practice, Baltimore MD

Incoming resident and medical school attended:

1. Anan Tawil, M.D., Jordon Univ. of Science & Technology Faculty of Medicine

Faculty changes

1. Allan L. Ippolito, M.D., Full-time Faculty became Part-time faculty 01-01-2016
2. Christopher J. Goltz, M.D., Joined as faculty 08-01-2015.
3. We have been in the process of interviewing for additional faculty

Major accomplishments over previous year:

1. We matched two (2) fellows, both females, both within our top 5 ranking, for the upcoming 2017 program year.
2. We continue to increase the number of clinical trials we participate in. Presently we are involved in at least 15 industry-sponsored clinical trials, either actively enrolling or in follow-up.
3. We continue to provide an open vascular skills training seminar once a month for general surgery residents and vascular fellows at Genesys Regional Medical Center.
4. We continue to provide endovascular skills training to our vascular surgery fellow with the Mentice VIST Endovascular simulator at McLaren Flint.
5. Gary C. Paavola, M.B.A., C.M.P.E., Practice Administrator at Michigan Vascular Center, was named the Michigan Medical Group Management Association (MiMGMA) Administrator for 2016.

Honors (resident and faculty):

Fellows

1. Sherry Cavanagh, M.D. (2013-2015 vascular surgery fellow) passed her certifying examination in Vascular Surgery and is considered Board Certified in Vascular Surgery
2. Mohammad Sarhan, M.D. (2013-2015 vascular surgery fellow) passed his certifying examination in Vascular Surgery and is considered Board Certified in Vascular Surgery
3. Baraa Zuhaili, M.D. (2014-2016 vascular fellow) received his RPVI credential after passing the Physician in Vascular Interpretation exam. This enables him to sit for the written portion of the Board exam in Vascular Surgery.

4. Anan Tawil, M.D. (2016-2018 vascular surgery fellow) passed his certifying examination in General Surgery and is now considered Board Certified in General Surgery
5. Baraa Zuhaili, M.D. (2014-2016 vascular surgery fellow) received the Specialty Research Award in the Category of Surgery at the Flint Area FAME Community Research Forum in May, 2016

Faculty

1. Carlo A. Dall'Olmo, M.D., Program Director, was promoted to the rank of Clinical Professor in the Department of Surgery at MSU in July 2015.
2. Mark A. Mattos, M.D., Associate Program Director, was inducted as a Fellow of the American College of Surgeons
3. Mark A. Mattos, M.D., Associate Program Director, received the Outstanding Educator Award for the MSU Flint Campus for 2015-2016, MSU General Surgery Residents, Department of Surgery, MSU Lansing, MI.
4. Mark A. Mattos, M.D., Associate Program Director, received the Faculty Teaching Award for the Department of Surgery Residency Training Program at Genesys Regional Medical Center in Grand Blanc, MI
5. Mark A. Mattos, M.D., Associate Program Director, was elected at the 2016 meeting as President Elect 42nd Annual Meeting of the Midwestern Vascular Surgical Society, September 13-15, 2018, St. Louis, MO.
6. Christopher J. Goltz, M.D., Faculty, passed his certifying examination in Vascular Surgery in May 2016 and is now considered Board Certified in Vascular Surgery.
7. Robert G. Molnar, M.D., Faculty, received the McLaren Faculty Investigator Award at the Flint Area FAME Community Research Forum in May 2016.

Challenges/opportunities for upcoming year:

1. Program will transition to an August 1 start date for the 2016-2017 program year as per request from the American Board of Surgery. The General Surgery Board exam has been moved to mid-July so that in-coming Fellows can complete it prior to beginning fellowship training
2. Need to improve Faculty Development
3. Need to increase Faculty Scholarly activity

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 7am-8am. During this conference, the vascular fellows present patient cases for faculty discussion on procedures for the upcoming week. In preparation for the conference, the presenters review the medical literature and evaluate various management strategies. Preparation begins with standard textbook review and is supplemented with a literature search via computer access to electronic medical data sources. Review of scientific studies, 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 semi-monthly Vascular Surgery In Training Exam (VSITE) preparation conference. 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 the conference, Fellows complete a twenty question examination which is immediately followed by a detailed review of all questions with an in-depth, faculty-led question and answer discussion. Questions are selected based on the Society for Vascular Surgery, VESAP III study questions. After a thorough discussion, Fellows receive immediate formative feedback and use identified knowledge deficits to stimulate further reading and study plans.

Practice-based Learning and Improvement:

Vascular Fellows track longitudinal outcomes for five index major vascular cases on 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 medicine with strong ethics, high morals, and sound values. The faculty convey these principles to the fellows by example on rounds, in the clinic, and in the operating room. The fellows are asked to emulate these core principles and furthermore, as asked to provide similar ethical behavior, and thus serve as role models for the junior members of the team.

Fellows are assessed at conferences to appropriate dress, promptness, attention to assigned tasks and ability to receive and respond to constructive criticism. All conference evaluations address this competency.

Systems-based Practices:

The 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.

Resident Scholarly Activity

Resident	Year in Program	Conference Presentations	Chapters Textbooks	Participated in Research	Teaching Presentations
Zuhaili, Baraa	2	4	0	Y	Y

Faculty Scholarly Activity

Faculty Member	Conference Presentations	Other Presentations	Chapters Textbooks	Grant Leadership	Leadership or Peer-Review Role	Teaching Formal Courses
Dall'Olmo, Carlo	1	0	0	0	Y	Y
Goltz, Christopher	1	1	0	0	N	N
Kinning, Wayne	0	0	0	0	N	Y
Malhotra, Nitin	0	0	0	0	N	Y
Mattos, Mark	6	23	0	0	Y	Y
Molnar, Robert	6	0	1	1	Y	Y