

Message from the Chair



Welcome to the inaugural issue of the Department of Medicine Newsletter operated by the department's Office for Research. In this issue you will be introduced to our excellent Vice Chair of Research and her outstanding staff.

Subsequent issues will focus on the news and activities of our statewide department units. It is our hope that this newsletter will enhance community, collaboration, and visibility among the members of the department as well as with our external friends, colleagues, and other stakeholders. I look forward to your enthusiastic support and contribution.

Message from Vice Chair for Research



Welcome to the Office of the Vice Chair for Research of the Department of Medicine, Michigan State University. The role of the Office of the Vice-Chair for research is to enhance the fulfillment of the College of Human Medicine (CHM) research mission,

philosophy and goal. The mission is "to promote and support health and biomedical research, infrastructure and culture within the CHM campus system and collaborative research across disciplines, departments, colleges, campuses, and communities". Our focus is on clinical research, occupational and environmental medicine, health services and outcome research, biopsychosocial and mental health research, curriculum development, research programs to increase diversity, translational cancer research/clinical trials, as well as critical research in the basic sciences, on mechanisms underlying human diseases and their integration.

(continued on next page)

Featured in this Issue: DOM Office for Research

- Meet the Office for Research Staff
- Pre-Award Office
- Post-Award Office
- Department's Seed Funding Awards
- Grants and Contracts
- Publications
- Scholarly Activities and Awards
- Students, Residents and Fellows Updates
- Upcoming Events
- Research Resources
 - Funding Opportunities

Check out the
Department of
Medicine's

[website](#)

for
updates

Message from the Vice Chair for Research (continued)

We have established vibrant collaborative writing groups in the department (manuscripts and grants) to increase scholarship productivity. Our key goal is to reduce the heavy administrative burden on our researchers while fulfilling our mission of creating a climate for our researchers to do great research. The Office will provide value-added services that help faculty, residents and fellows compete for, win, and administer grants; streamline administrative processes; oversee key research collaborations; help speed discoveries to the market place; and help build partnerships with industry and other institutions.

Programs are in place to strengthen the department's pre-award and post-award infrastructure. We are developing a mentoring program to help grow young faculty. The Department of Medicine Seed Funding (DSF) initiative has been established to increase the number of grant applications that will be submitted to various funding agencies. Funding will be provided for faculty to attend courses and workshops to enhance the applicant's research and grant writing skills.

It is my belief that through shifting a strong focus onto research, the department will continue to grow in a direction that promotes innovation and keeps us on the leading edge of medicine and as active participants in advancing the prevention, control and treatment of diseases, elevating the overall quality of the department and the level of care that our patients receive.

I look forward to working with faculty, residents and fellows, research staff, and others to continue to cultivate Department of Medicine Research Program in a way that echoes the mission of the department "to attain research excellence for the purpose of improving health for all".

Ade Olomu, MD, MS, FACP
Vice-Chair for Clinical Research

The Office for Research staff rely on our faculty and staff to keep the department's website and newsletters current.

We need your help in [keeping us informed](#) on your awards, scholarly activities, publications, and news. The web site is updated on a weekly basis and is continually being assessed for effectiveness. Suggestions and comments are always welcomed.

Newsletters are posted on our website.



Meet the Office for Research Staff



[Adesuwa Olomu, M.D. M.S. FACP](#)

Professor of Medicine
Division of General Internal Medicine
Vice Chair for Research and Director of the Office-GAP Program

Dr. Olomu is a clinician-health services researcher. Her research is focused on development, dissemination and translation into clinical practice and community settings, evidence-based interventions to reduce racial disparities in cardiovascular disease care and outcomes in minority and low income-populations.



[Bart Moore](#)

Grants Manager
B-418 Clinical Center
517-353-3261

Bart Moore has 15 years of experience in MSU research administration. He provides pre- and post-award support and administration for grants and contracts Medicine researchers. Additionally, Bart compiles and presents research and scholarship metrics pertaining to critical research activities such as proposals and award funding, publications and presentations, and has a direct role in the policies, operations and communications of the Office for Research.



[Marlina Vertrees](#)

Office Assistant III
B-319 Clinical Center
517- 884-8808

Marlina Vertrees has 19 years of experience doing administrative support at MSU. In addition to supporting the Vice Chair for Research, Dr Olomu, she schedules and coordinates events for the Office for Research (O4R) and related groups, collects and collates website and newsletter content, research metrics for O4R reports, , and monitors correspondence.



[Pam Hunt](#)

Communications
B-338 Clinical Center
517-432-5432

Pam Hunt has been employed by MSU since 1997 with the last 10 years as an Academic Specialist - Outreach. She recently joined the Office for Research primarily as a website manager responsible for creating and updating content to serve as one mode to highlight the department's scholarly activities, promote the divisions, and provide news and announcements. Other duties include producing newsletters and other outreach materials.

Pre-Award Office

Bart Moore provides pre-award support via the Pre-Award Office. The mission of the pre-award office is to streamline the grant and contract proposal process such that Medicine researchers/investigators are, to the fullest possible extent, freed from the administrative rigmarole of proposal submission.

Want to submit a proposal? - Contact [Bart Moore](#) for pre-award support including:

- budget formulation,
- proposal content creation and review,
- consultation and advice regarding proposal requirements,
- coordinating proposal authorization, and
- communicating, complying and “running interference” with MSU administration (OSP, CGA, Business Connect, and compliance offices).

In the event of a sponsor’s intent to award, the pre-award office will enable receipt of award, including providing sponsor-requested information and sub-award execution account creation.

Post-Award Office

Post-award support provided by [Bart Moore](#) via the Office for Research includes providing fiscal reports and forecasts, strategizing budgets, reconciling monthly reports, hiring and assigning project personnel, executing subcontracts and outside agreements, insuring payments to outside consultants and sub-awardees, advocating for investigators, insuring compliance with sponsor and university requirements (especially HIPAA), reporting to sponsors, coordination of grant/contract extensions and account closeouts.

Department of Medicine Seed Funding Internal Funding Opportunity

The [Department of Medicine Seed Funding \(DSF\)](#) has been established to increase the number of grant applications that will be submitted to various funding agencies. The applicant will be expected to describe how the pilot study/grant writing class/course/workshop will enhance their ability to submit a more substantial grant in the future.

2015 Awardees:

- **George Abela**, MD, MBA, MSc
Project Title: A Novel Protective Role for Microphages Against Atherosclerosis
- **Saleh Aldasouqi**, MD
For professional training in grant writing skills

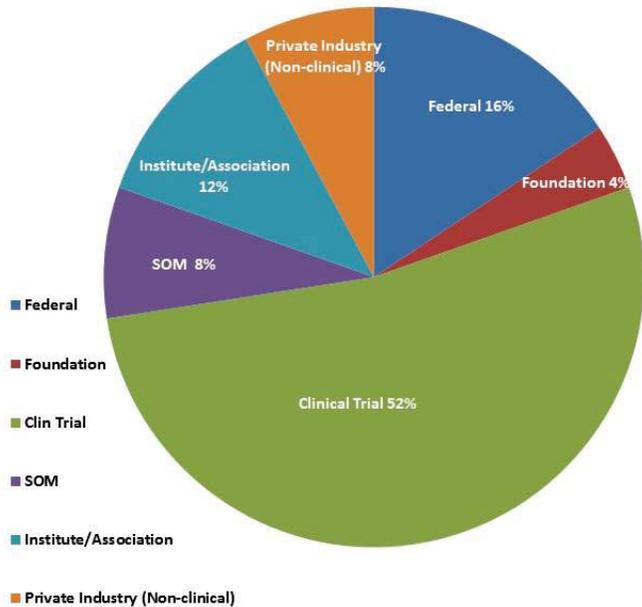
2016 Awardees:

- **Rey Bouknight**, MD, PhD, FACP
Project Title: Physician Recognition of Human Sex Trafficking Using a New Phone App
- **Supratik Rayamajhi**, MD
Project Title: Clinical Risk Factors and Predictors of Venous Thromboembolism Among Cancer Outpatients

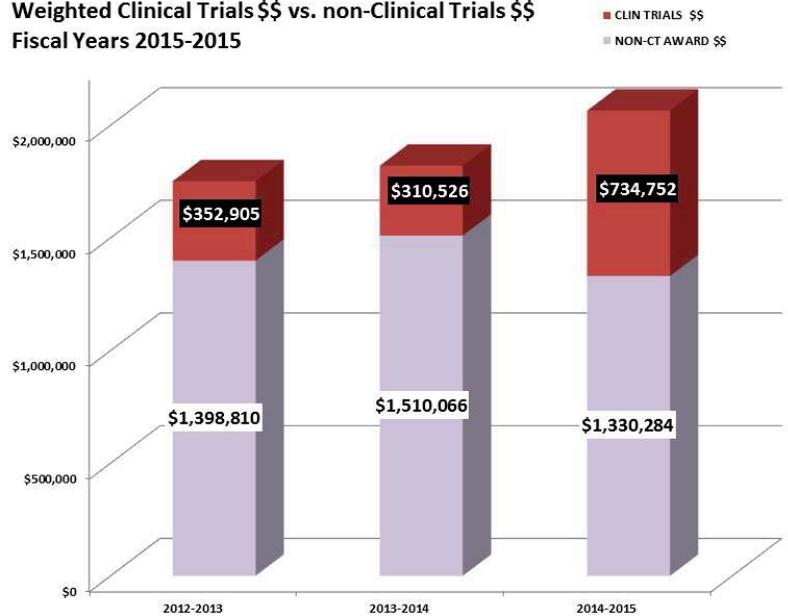


Grants and Contracts

Apportionment of Awards by Type: FY 2013-2015
Department of Medicine



Department of Medicine
Weighted Clinical Trials \$\$ vs. non-Clinical Trials \$\$
Fiscal Years 2015-2015



Go to our [website](#) for additional graphs on our departmental research metrics on Funding Activity for FY 2013-2015



Anas Al-Janadi, *Prospective, non-interventional study of disease progression and treatment of patients with polycythemia vera in United States academic or community clinical practices (CLIN TRIAL)*. Incyte Corp. \$55,570

Nazia Khan, *Improving CPAP Adherence Program/ ICAP Study*. -MSU/Sparrow Center for Innovation and Research. \$49,622

Deimante Tamkus, *SOLAR-1 A phase III randomized double-blind, placebo controlled study of alpelisib in combination with fulvestrant for men and postmenopausal women with hormone receptor positive, HER2-negative advanced breast cancer which progressed on or after aromatase inhibitor treatment. (CLIN TRIAL)*. Novartis Pharmaceuticals Corp. \$183,045

The following Department of Medicine faculty contribute to over 45 continuing grants or contracts, go to our website's [Research Tab](#) for the listing of PI, title, funding agency and award amount.



Anas Al-Janadi
Naveen Kakumanu
Ken Rosenman
Gary Stein

Elahe Crockett
Melissa Millerick-May
Ken Schwartz
MaryAnn Tran

Borys Hrinchenko
Adesuwa Olomu
Robert Smith
Deimante Tamkus

Manuscript and Writing Groups

The Department of Medicine has established 2 vibrant collaborative writing groups (manuscripts and grants) to increase scholarship productivity. The writing groups provide momentum for productivity by cultivating readiness, preparation and production of scholarships. Benefits from this small group interaction include mentorship, support, and guidance as well enhancing productivity, enabling proposals, and applications to be more competitive.

Group meetings are on a bimonthly schedule. If you want to take advantage of these opportunities, please contact the Vice Chair for Research, Dr. [Ade Olomu](#) to be a member of one or both groups.

Publications

Publications and presentations are updated on our [website](#)



Mukerji R, Kakarala R, Smith SJ, Kusz HG. Chryseobacterium indologenes an emerging infection in the USA. *BMJ Case Rep.* 2016 Apr 6;2016. pii: bcr2016214486. PubMed PMID: 27053540. Fischell TA, Ebner A, Gallo S, et al. Transcatheter Alcohol-Mediated Perivascular Renal Denervation With the Peregrine System: First-in-Human Experience. *J Am Coll Cardiol Interv.* 2016;9(6):589-598.

Slade JM, Hurley D, Riedinger B, Cross J, Williams E, Abela GS, Meyer RA. Aerobic Exercise Improves Microvascular Function in Older Adults: 3699 Board #138 June 4, 9: 30 AM - 11: 00 AM. *Med Sci Sports Exerc.* 2016 May;48(5 Suppl 1):1031.

Fischell TA. Reply: Chemical Renal Denervation Revisited. *J Am Coll Cardiol Interv.* 2016;9(12):1307-1308.

Fernandes R, Fink GD, Galligan JJ, Watts SS, Pereira-Hicks C, Watson RE, Lane M, Xu H. – “Hypertension and Type II diabetes are not associated with visceral inflammation or vascular remodeling/fibrosis in obese women”, *FASEB (Federation of American Societies for Experimental Biology)* 2016;30 No. 1 Supplement 738.6.

Zaremba, N. M., Tamkus, D., DiCarlo, L., Herman, J., Martin, M. and Bumpers, H. L. (2016), The Dilemma of Breast Cancer Treatment and Existing Collagen Vascular Disease: A Case of Scleroderma and Review of the Literature. *Breast J*, 22: 451–455.

Tamkus D and Joginpally T. Therapeutic strategies to reverse immunosuppressive breast cancer microenvironment. *Oncol Discov.* 2016; 4:1.

Publications (continued)

Olomu A, Khan NN, Todem D, Huang Q, Bottu S, Qadri S, Holmes-Rovner M. Blood Pressure Control in Hypertensive Patients in Federally Qualified Health Centers Impact of Shared Decision Making in the Office-GAP Program. *MDM Policy & Practice*. 2016 Jan 1;1(1):2381468316656010.

Baig I, Kalra A, Scharmen A, Raju M, Gardiner J, De Feijter-Rupp H, Janoudi A, Abela GS. Atherosclerotic Arteries with Cholesterol Crystals Enhance Bacterial Growth: Risk for Plaque Destabilization. *Journal of Clinical Lipidology*, Vol 10, No 3, June 2016. Received the Young Investigator Award. Laird-Fick HS, Saini S, Hillard JR. Gastric adenocarcinoma: the role of *Helicobacter pylori* in pathogenesis and prevention efforts. *Postgrad Med J*. 2016 May 24.

Grayson-Sneed KA, Dwamena FC, Smith S, Laird-Fick HS, Freilich L, Smith RC. A questionnaire identifying four key components of patient satisfaction with physician communication. *Patient Educ Couns*. 2016 Jan 11

Abela, OG., Ahsan, CH., Alreefi, F., Salehi, N., Baig, I., Janoudi, A., & Abela, GS. (2016). Plaque Rupture and Thrombosis: the Value of the Atherosclerotic Rabbit Model in Defining the Mechanism. *Current Atherosclerosis Reports*, 18(6), [29].

Rosenman, KD. OSHA, Well Past its Infancy, but Still Learning How to Count Injuries and Illnesses. *Am J Ind Med*. 27 Jun 2016. DOI:10.1002/ajim.22623

The Division of Endocrinology published 8 abstracts in *Endocrine Practice* 2016 May Volume 22 Supplement 2 – 2016 AACE Annual Scientific & Clinical Congress

Maples, S., Aldasouqi, S., Little, R., Baughman, H., Joshi, M. and Salhi, R. Detection of Undiagnosed Prediabetes and Diabetes in Dental Patients: A Proposal of a Dental-Office-Friendly Diabetes Screening Tool. *Journal of Diabetes Mellitus*. 2016; 6, 25-37.

Brown IAM, McClain JL, Watson RE, Patel BA, Gulbransen BD. "Enteric glia mediate neuron death in colitis through purinergic pathways that require connexin-43 and nitric oxide", *Cell Mol Gastroenterol Hepatol* 2016;2(1):77-91.

Students, Residents, and Fellows Update

2016 Mid-Michigan Regional Research Day Award Winners associated with the department of medicine:

Best Oral Presentation – 3-way tie for 1st Place:

Mohammed Shaik; MSU Hematology/Oncology

Survival in aggressive gliomas: Associations with expression of metabolic enzymes.

Best Clinical Research/Basic Science Research by a Fellow – 1st Place:

Manjunath Raju; MSU Cardiology

Bacterial Growth is Accelerated in the Presence of Atherosclerotic Arteries with Cholesterol Crystals: Potential for Plaque Destabilization

Best Case Study –

1st Place:

Mindy C. McComb; MSU Internal Medicine

High-Dose Insulin as an Inotropic Agent

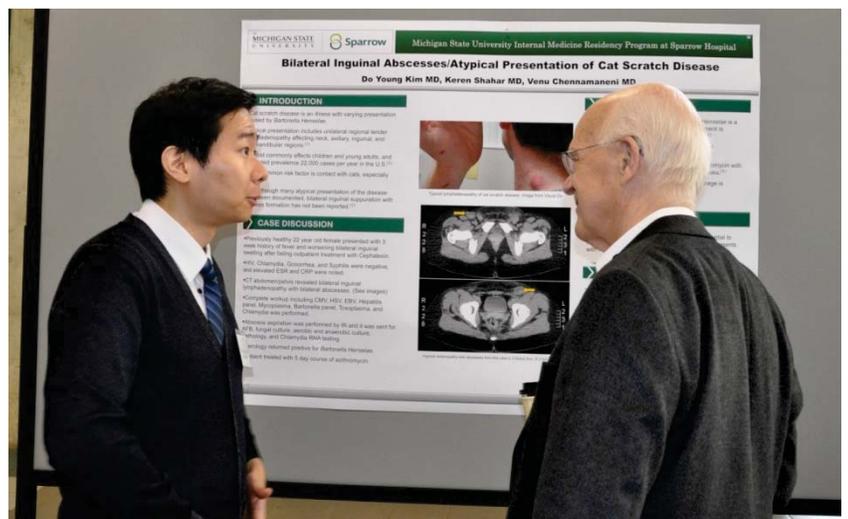
3rd Place: (Tie)

Do Young Kim; MSU Internal Medicine

Bilateral inguinal abscess/atypical presentation of Cat scratch disease.
and

Keren Shahar; MSU Internal Medicine

Prying for Creutzfeldt-Jakob disease (CJD)



Scholarly Activities and Awards

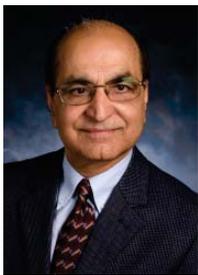


Adesuwa B. Olomu, M.D. received the Community Engagement Scholarship Award at the MSU Awards Convocation.

[Full article](#)

Trinh Tran received the MSU Jack Breslin Distinguished Staff Award. Tran has gone beyond the call of duty to provide quality patient care. She is the clinic coordinator for the MSU Department of Medicine.

[Full article](#)



Ved Gossain, M.D., MSU Swartz professor of medicine, received the Outstanding Clinical Endocrinologist Award presented by the American Association of Clinical Endocrinologists on May 27.

[Full article](#)

Francesca Dwamena, M.D. was featured in MD Magazine Spring 2016 edition as our new department chair.

[Full article](#)



Daniel Havlicheck, Jr., M.D. professor of medicine and microbiology and chief of the division of infectious disease, is one of the 2016 inductees into Sparrow's Physician Hall of Fame..

[Full Article](#)

Laura Carravallah, M.D., associate professor of medicine and clinic preceptor, Hurley Medical Center, is one of five MSU faculty from the Colleges of Human Medicine and Osteopathic Medicine honored on April 30th by the Michigan State Medical Society with Public Health Leadership Awards for their outstanding leadership in bringing to light the Flint water crisis and their continuing efforts to address the current and longstanding effects on the people of Flint.

[Full Article](#)



Kenneth Rosenman, M.D., chief of the division of Occupational and Environmental Medicine, Department of Medicine – A Michigan Fatality Assessment and Control Evaluation report indicate on-the-job deaths in agriculture rise according to preliminary figures.

[Full Article](#)

Scholarly Activities and Awards (continued)

Anas Al-Janadi, MD, associate professor of medicine, chief of the division of hematology/oncology and medical director of the MSU Breslin Cancer Center was a featured member of the BigTen Cancer Research Consortium conversing on cancer research. [Full article](#)

The MSU Engaged Scholar E-Newsletter featured Adesuwa Olomu, M.D., highlighting her Community Engagement Scholarship award-winning research collaboration of addressing the disparity gap in cardiac care. [Full article](#)

Saleh Aldasouqi, M.D., associate professor of medicine and division chief of Endocrinology, and Susan Maples, a family dentist in Holt, Michigan, are working together to educate patients on how diabetes can influence gum disease. [Full article](#)

Adesuwa Olomu, M.D., professor of medicine, was honored in the MSU Women's Resource Center May 2016 Publication as one of the MSU's Award Worthy Women 2015-2016. [Full article](#)

Michigan State University College of Human Medicine is proud to be part of the Big Ten Cancer Research Consortium. Together, Big Ten cancer centers support the work of 2,600 cancer researchers, care for more than 50,000 new cancer patients each year, and enroll 20,000 patient volunteers on cancer clinical trials. [Full article](#)

Michael Zaroukian, M.D., was elected chair-elect in the Spring of 2016 for the Health Information and Management Systems Society (HIMSS) North America [Board of Directors](#) and named as one of the Named as one of the ["30 Leading CMIO Experts in Healthcare"](#) by Health Data Management.

[Research Highlights](#)

Upcoming Events

Department of Medicine presents [Grand Rounds](#) on Tuesdays at 12:00 Noon in the Sparrow Hospital Auditorium inviting all medical professionals and health care workers to attend.

Mark your calendar for [2016 research workshops](#) sponsored by [MSU-VPRGS](#) Office of Research Facilitation & Dissemination including:
Finding Funding (Sept 22,3-4 p.m),
MSU Proposal Services, (Oct 12, 3-4 pm)



College of Human Medicine lists [events for 2016](#) including the ["Your Health Lecture Series"](#) a collaborative community event sponsored by CHM and its community partners.

[Center for Innovation and Research](#) Lunch and Learn Series Mondays: Noon to 1 p.m.

Grant Writing Workshops - join us at our six sessions, where you will learn not only how to build ideas upon problems, but you will also learn how to write strong grant proposals to obtain research funding. [Event flyer](#)

Research Resources

MSU's license with Collaborative Institutional Training Initiative ([CITI Programs](#)) provides access to Responsible Conduct of Research training modules.

[Human Research Protection Program](#)

[MSU FileDepot](#) is a convenient and simple way to transfer files within Michigan State University or with colleagues outside the university.

MSU Libraries - [John Harrison's web page](#) on funding and proposal writing resources.

[Center for Statistical Training and Consulting](#)

[Research Data Management Guidance](#) service: a joint effort between the MSU Libraries and University Archives to respond to the emerging concern surrounding research data management.

The Biomedical Research Informatics Core ([BRIC](#)) provides high-level informatics and information technology support to clinical and translational researchers.

The [Institute for Cyber-Enabled Research \(iCER\)](#) provides the cyberinfrastructure for researchers from across academia and industry to perform their computational research. Bioinformatics Center for Education and Productivity (BiCEP) within ICER serves as a core service facility for Michigan State University to provide bioinformatics expertise and analysis to researchers.

[Office of Res. Facilitation and Dissemination](#): The Research Facilitation and Dissemination team provides guidance and proposal support for researchers in order to reduce the administrative work often associated with grant applications.

[Research Basics Training Program](#) (RBT) geared toward early investigators including medical students, graduate medical education trainees, faculty, CHM-affiliated clinicians and community practitioners across the state.

\$\$\$ Other Funding Opportunities:

Internal grant opportunities offered through the Office of the Vice President for Research and Graduate Studies:

[Discretionary Funding Initiative](#) - **Sept. 15**

Provides bridge funds for tenure stream faculty for additional studies needed for resubmission of an unsuccessful, but nearly fundable, grant application to the same funding agency. Please note: To request funding from this program, faculty must submit a request to the research associate dean of their college.

[Strategic Partnership Grant](#) - **Sept. 15 (pre-proposal)**

Funded with support from the MSU Foundation, these grants focus on research and scholarship that is leading-edge, interdisciplinary or futuristic

The Sparrow/MSU Center for Innovation and Research (CFIR) is interested in receiving Letters of Intent for research projects that address any of the outlined topics below. If a topic does not meet the investigators' interests or if investigators believe there are other topics of need, the CFIR is also interested in receiving Letters of Intent for research projects on other topics and general focus. These topics, however, must also keep in mind the mission and vision of The Center for Innovation and Research.

- Pain Management
- Psychosocial Aspects of Health
- Care Coordination and Navigation
- Other

Research Project Letters of Intent will be accepted on a rolling basis, but no later than September 30, 2016 by 5:00 p.m. for the initial review period. Please see [CFIR](#) for details.