

DEPARTMENT OF FAMILY MEDICINE & PUBLIC HEALTH SCIENCES



Tweet from Chair,
Tsveti Markova, MD, FAAFP



So proud of the faculty and student successes! Go team!



Department of Family Medicine and Public Health Sciences

School of Medicine

Mission Statement

We are committed to improving the health, well-being, and environment of individuals, families, and communities by advancing the science and practice of family medicine and public health through innovation and excellence in research and education.

Acronym Soup



AAMC—Association of American Medical Colleges

www.aamc.org

The Association of American Medical Colleges is a not-for-profit association dedicated to transforming health care through innovative medical education, cutting-edge patient care, and groundbreaking medical research.

DR. SAMSON JAMESDANIEL RECEIVES THREE-YEAR NIH RESEARCH AWARD

Dr. Samson Jamesdaniel, assistant professor in the WSU Institute of Environmental Health Sciences and Family Medicine & Public Health Sciences departments has received nearly \$400,000 from the National Institute of Environmental Health Sciences of the National Institutes of Health (NIH) to research gene-environment interactions to determine the association between environmental exposure to lead and cadmium and hearing loss in Detroit firefighters.



Firefighters face potential exposure to various hazardous chemicals that increase their risk for numerous

health issues. During responses to fires or other hazardous events, they may be exposed to, inhale or ingest toxic gases, vapors or particles. For instance, the automobile industry in Detroit used cadmium, a poisonous metal that was used to electroplate materials to protect them from corrosion. In addition, over 90% of buildings in Detroit were built prior to 1980 and are likely to contain lead-based paints. Cadmium and lead are two major sources of contamination in Detroit. One adverse health outcome associated with long-term environmental exposure to lead and cadmium is hearing loss.

“We plan to test the hearing of 200 firefighters from the

City of Detroit, assay bone lead and urinary cadmium levels, and assess the frequency of two distinct variants of an antioxidant gene (SOD2) in order to determine the interactions among environmental exposure to heavy metals, genetic factors and hearing loss,” said Jamesdaniel.

Dr. Jamesdaniel’s ultimate goal from his research will be to apply the knowledge to human remediation studies and identify preventative measures that will protect firefighters and others from hearing loss caused by environmental exposure.

[Article excerpted from Division of Research News, December 12, 2017](#)

DFMPHS CHAMPIONS FOR THE 2018 HEART WALK

Wayne State University is continuing to strengthen its partnership with the American Heart Association (AHA) by hosting the 25th Anniversary of the Metro Detroit Heart Walk/Run.

Juliann Binienda, PhD; Julie Gleason-Comstock, PhD, MCHES and Tapinder Singh (MI-AHEC) have volunteered to serve as department champions. Thank you!!

Please stay tuned to your email for the various activities and communications surrounding this year’s event.

The department is proud to take an active part of the AHA’s mission to “build healthier lives, free of cardiovascular diseases and stroke.”

Please mark your calendars for Saturday, May 12 and

join the Family Medicine & Public Health Sciences Walk/Run team or support one of your colleagues with their fund raising efforts.



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For archived copies of the Department of Family Medicine & Public Health Sciences newsletters, visit:
<http://www.familymedicine.med.wayne.edu/news.php>

FAMILY MEDICINE INTEREST GROUP (FMIG) CELEBRATES THE HOLIDAYS

Wayne State University's Family Medicine Interest Group held its annual holiday gathering on December 7, 2017 in Woodward Gardens. The event was sponsored by the Michigan Academy of Family Physician (MAFP) and the American Academy of Family Physicians (AAFP). It was hosted by Dr. Jira Coumarbatch (WSU assistant professor and Family Medicine Clerkship Director) and organized by Lisa Blackwell (Family Medicine Student Programs Project Assistant).

Years 1,2, 3 and 4 medical students were in attendance as well as other guests including: Drs. Susan Stevens (community preceptor), Rhonda Dailey (WSU assistant professor), Juliann Bienda (WSU associate profes-

sor), Ralph Williams (WSU assistant professor, Margit Chadwell (Associate Dean of Student Affairs), Dr. Christopher Lajeunesse from Beaumont-Oakwood Hospital, Dr. Harsha Jayatilake (former DFMPHS faculty member) and from the MAFP Dana Lawrence, Director of Communications and Michael Macias, Director of Business Development & Operations. Special guests included Dr. George Mogill and his daughter, Jain, and her husband Dr. Carl Lauter.

Adam McMillan, Y2, FMIG Leader presented, Dr. George Mogill with a distinguished service award. Dr. Mogill is a 1942 graduate of the Wayne State University School of Medicine. Each year during Match Day, the George

Mogill, MD, Endowed Award for Family Medicine is presented to a graduating senior committed to specializing in Family Medicine. The award is based on qualities and characteristics exemplified by Dr. Mogill, including scholastic achievement, compassion, volunteerism, leadership, respect of peers, and a sense of humor and joyfulness.

The event afforded attendees the opportunity to take time away from their busy school and work schedules to begin the holiday season visiting with good friends and sharing good food.

Thanks to the sponsors and Lisa for organizing such a nice event.



Dr. Mogill displaying the Distinguished Service Award given to him by the Family Medicine Interest Group.

Pictured L to R: Dr. Jira Coumarbatch, Adam McMillan, Dr. Mogill and Dana Lawrence.

FAMILY MEDICINE FOUNDATION OF MICHIGAN (FMFM) HOSTS STUDENT-FOCUSED CONFERENCE

Dr. Pierre Morris, Interim Family Medicine Program Director at the Rochester Family Medicine Clinic was very pleased with the success of the 2017 Michigan Future of Family Medicine Conference. Dr. Morris also serves as the Chairman of the Michigan Foundation of Michigan's (FMFM) Student and Resident Education Committee, which planned the event. "This is an exciting time to be a Family Physician, as the need for our specialty has never been greater. It was inspiring to see such vigorous interest in Family Medicine as evidenced by the presence of so many students at the conference," said Dr. Morris.

During the conference held in October 2017 at the Mocerri Learning Center, participants heard from keynote speaker Karen Mitchell, MD, FAAFP, President of the Association of Family Medicine Residency Directors. She highlighted the criti-

cal role of Family Physicians in today's healthcare system and shared a forecast of the future of the specialty based on the shift to value-based care currently underway.

Students also had the opportunity to talk one-on-one with residency program directors, faculty, and staff from 11 residency programs in Michigan. In addition, a panel of Family Physicians, program directors, and residents shared their Family Medicine journey, provided tips for preparing for residency, and answered questions about what it's really like to be a family doctor, as well as the value of getting actively involved in the Academy of Family Physicians early in their careers.

Lastly, students participated in hands-on clinical workshops led by the participating residency programs:

- Oakwood Annapolis FM Residency (suturing)
- St. John FM Residency (suturing)
- Ascension Providence FM Residency (punch and shave biopsies)
- WSU/Crittenton FM Residency (pelvic exam)
- Beaumont Health FM Residency-Troy (casting)
- DMC FM Residency (IUD insertion)
- Mocerri Learning Center staff (assessing heart and lung sounds using a high fidelity simulator)

For more information about upcoming events, visit mafp.com



Dr. Morris (left) and Dr. Markova (Chair, WSU Family Medicine and Public Health Sciences) addressed participants at the conference.



Participants prepare to participate in one of several hand-on clinical workshops. Pictured above: Pelvic exam led by the WSU/Crittenton Residency Program

WELCOME TO THE DEPARTMENT OF FAMILY MEDICINE AND PUBLIC HEALTH SCIENCES

The Department of Family Medicine is pleased to welcome its newest faculty member.

Michael McLeod, JD, MPH joined the department in December as an Assistant Professor. Mr. McLeod holds a Juris Doctorate degree from the University of Michigan Law School, a Certificate in Public Health Leadership from the University of North Carolina at Chapel Hill and a Master of Public Health from Chapel Hill. He earned his bachelor's degree in Government at the College of William and Mary.



Mr. McLeod has a 50/50 appointment with DFMPHS and the College of Liberal Arts and Sciences (CLAS). Michael will direct the MPH Program's FPH 7440 Practicum course in the fall, winter, spring/summer semesters and will be responsible for orienting students to

the Practicum requirements; identifying and maintaining community placement opportunities for the students, and recruiting new sites as needed; evaluating student performance, and assessing student achievement of course competencies. He will also serve as an academic advisor to assigned MPH students, and participate in fund-raising activities.

For CLAS's BSPH Program, he will direct the PH 4100/4150 Practicum course in the fall, winter, spring/summer semesters and will be responsible for orienting students to the Practicum requirements; providing professional development to prepare students for their field experiences; identifying and maintaining community placement opportunities for the students, and recruiting new sites as needed; evaluating student performance, and assessing student achievement of course competencies. For both programs, Michael will participate on committees and work with administrative and practicum

staff in both SOM and CLAS to maintain and monitor student practicum placements and upkeep relations with practicum sites. He will work closely with the Directors of both programs to make sure that the practicum courses at the undergraduate and graduate level continue to meet the objectives of each program.

We would also like to welcome the following individuals who have joined our department in varying roles:

- Gwen Gilbert (Rochester clinic)
- Leah King, Research Assistant (working with Dr. MacDonell)



MICHIGAN-AHEC SHARES ITS LATEST NEWS IN ITS WINTER 2018 NEWSLETTER

Wayne State University School of Medicine's Michigan Area Health Education Center shares its latest news with the community in its [Winter 2018 E-newsletter](#).

Article titles in the latest newsletter include:

- ◇ Michigan AHEC to Host Second Legislative Breakfast
- ◇ Nursing Doctoral Candidate Revisits Her Rural Roots
- ◇ Wayne State College of Nursing Receives Prestigious Future of Nursing Scholars Grant

- ◇ MI-AHEC's Co-Program Director (Dr. Dennis Tsilimingras) Publishes Research Study Results
- ◇ Northern Lower Regional Center; Southeast Regional Center; Upper Peninsula Regional Center; Western Michigan Regional Center; and Mid-Central Regional Center all share local news.

In addition, learn about their upcoming events, and read past newsletters or view photos from previous events.

The primary purpose of MI-AHEC is to help address the workforce shortage of health care professionals in Michigan. Through its network of five re-

gional centers, MI-AHEC helps address the health care needs of residents throughout the state.

For more information about MI-AHEC click the logo below.





Dr. Fatin Sahhar, clinical assistant professor (voluntary) and the staff at the DMC Family Medicine residency program located at Thea Bowman Community Health Center are collecting used books for children.

This book drive is an on-going effort to get books into the hands of 'little ones'. However, adult books will also be accepted.



Please forward any donations to Judy Magdalenic, 3939 Woodward Gardens, Room 313.

REPRESENTING DFMPHS AT STFM

Drs. Nicole Lopez and Ashley Tabi (both PGY-3 Family Medicine residents) along with Dr. Tess McCready, their faculty research mentor, have been selected to present their research project on Sexual Health Education at this year's Society of Teachers of Family Medicine (STFM) conference on May 5, 2018 in Washington D.C. Both residents provided a mini

series of lectures with pre and post surveys to both our Family Medicine Department and the Internal Medicine Department on the Crittenton Hospital campus identifying and addressing gaps in physician knowledge of patient sexual health.

Dr McCready will be giving an additional presenta-

tion at STFM as part of the New Faculty in Family Medicine Collaborative, a lecture on "Educational Resources And Where To Find Them for New Faculty" during the May meeting.

Congratulations to Drs. Lopez, Tabi, and McCready on their acceptance presenting at this year's STFM conference.



Grant Announcements:

* 6 grants submitted by the department from November - January



In December, Dr. Mogill hosted a dinner for Wayne State University Family Medicine students, faculty and other guests at his Bloomfield Hills home.

We extend our sincerest thanks to Dr. Mogill and his daughter and son-in-law, Jain and Carl Lauter, for their family's continued support of our students and the Family Medicine and Public Health Sciences department at Wayne State.



Pictured from L to R: Drs. Jayatilake, Mogil and Coumarbatch.



Guests enjoy the casual atmosphere prior to sharing a delicious dinner together.

GRANT AWARD FOSTERS STUDENT SUCCESS

In November, 2017, nine MPH students and recent graduates received grant awards to attend the Annual Meeting of the American Public Health Association in Atlanta.

Five students were honored to present posters at the conference:

- Maliha Ahmed
- Stephanie Krajnik
- Bin Liu
- Elyse Schultz
- Lea Selitsky

One student participated in a Student Assembly winning debate team:

- Jihan Aiyash

Two students were selected to hold APHA offices for the upcoming year:

- Jihan Aiyash, Student Assembly Campus Liaison
- Dixy Rajkumar, Student Assembly Programming Chair

Our students would not have been able to attend this national conference without the financial support of School of Medicine Class of 1959 alumna and legacy donor Dr. Ann Lewicki. We are grateful for Dr. Lewicki's longtime support which provides so many professional opportunities for our students.

All recipients are encouraged to write a thank you letter to Dr. Lewicki and share with her how their experience, as a result of her generosity, will enrich their schooling and careers.



Pictured Left to Right: Maliha Ahmed, Lea Selitsky, Stephanie Krajnik, Elyse Schultz and Jihan Aiyash.



Pictured Left to Right: Maliha Ahmed, Stephanie Krajnik, Jihan Aiyash, Elyse Schultz, Dixy Rajukumar, and Sahil Bhatia.

DR. JINPING XU PRESENTS RESEARCH FINDINGS AT INTERNATIONAL MEETING

Jinping Xu, MD, MS, professor in the Department of Family Medicine & Public Health Sciences presented a research poster at the 2017 North American Primary Care Research Group in Montreal on November 17-22.



Survey of Men with Low-risk Localized Prostate Cancer.” More than 1,100 primary care researchers from around the world attended the annual meeting. The poster walk is a program designed to introduce students, residents, fellows and experts in a specified field to current research.

global health issue of over-diagnosis and overtreatment of men with low-risk prostate cancer and the importance and growing trend of men selecting the Active Surveillance approach as initial management strategy.

Dr. Xu presented “Update on Treatment Options for Prostate Cancer Study (TOPCS): A Population-based

The study, funded by the American Cancer Society, brings attention to the

[Excerpted from SOM News dated December 6, 2017.](#)

DR. SAMUELE ZILIOLO RESEARCHES POLICE STRESS FOR NATIONAL INSTITUTE OF JUSTICE

Dr. Samuele Zilioli an assistant professor in the Department of Family Medicine & Public Health Sciences is Co-Principal Investigator on a \$568,000 grant awarded by the National Institute of Justice. The purpose of the study is to develop a comprehensive and empirically based conceptual framework of how environmental stressors and work-related factors are linked to biopsychological stress and police behavior among patrol officers. The model will then serve as a basis for future intervention work.



To achieve this, the researchers plan to pursue the following three goals:

1. Establish the relationships between patrol environments and patrol officers' biological, psychological, and behavioral stress response (see, specific objectives 1, 2, and 3);
2. Determine how the various components of the stress response system relate to each other (see, specific objective 4);

3. Examine work-related factors that moderate the effects of chronic environmental stressors' on the stress response (see, specific objective 5).

Specific objectives:

1. Determine how physical (i.e., objective neighborhood quality) and social (i.e., social disadvantage) aspects of patrol environments affect endocrine (i.e., cortisol and testosterone) and immune (i.e., Il-6 and C-reactive protein) markers of the *biological stress response*.
2. Determine how physical (i.e., objective neighborhood quality) and social (i.e., social disadvantage) aspects of patrol environments affect *psychological states* (i.e., perceived stress, anger, anxiety, depression) implicated in the psychological stress response.
3. Determine how physical (i.e., objective neighborhood quality) and social (i.e., social disadvantage) aspects of patrol environments affect *police-related*

behaviors (e.g., absenteeism and use of force).

4. Establish how the biological and psychological components of the stress response relate to each other within patrol officers and determine how derived biopsychological phenotypes relate to police-related behaviors.
5. To characterize the cluster of work-related moderators (e.g., policies, organizational support, time in the force) and their role in the environmental stress and the stress response system relationship.

Dr. Zilioli's faculty appointment is shared 50/50 with the Department of Psychology. Other WSU colleagues included on the grant with Dr. Zilioli are: Brad Smith, Malcolm Cutchin and Charles Klahm from Wayne State University.

Congratulations on securing the funding to research this very important issue for our first responders.

For more information about this research project, please contact Dr. Zilioli at szilioli@med.wayne.edu

DFMPHS TO HOST 2ND ANNUAL RESEARCH DAY

The annual DFMPHS Research Day will be held on April 18, 2018 in the Margherio Conference Room/Mazurek Education Commons in the School of Medicine at Wayne State University, from 8:30 am to 12:30 pm. This is an opportunity for students and trainees to present their research under the mentorship of their faculty advisors.

Students are invited to submit oral presentations (10 minutes) and/or posters. Abstracts should relate to family medicine or public health sciences in content with a preference for abstracts

related to work conducted or ongoing in the department.

The Call for Abstracts is open to our affiliated doctoral (medical, PhD) students, MPH students, and residents (family medicine, transition year) working on research associated with the DFMPHS.

Key dates related to the abstract submission process:

- The deadline for abstract submission is midnight March 5, 2018. Submit by email to: jgleason@med.wayne.edu with a

subject line of "DFMPHS Research Day Abstract".

- Notification will be provided by March 12, 2018.
- Accepted oral presentation slides and completed poster in electronic format (slides) must be submitted to the same email address by April 9, 2018.

For a copy of the guidelines or any abstract-related questions and/or comments, email Dr. Dawn Misra, Associate Chair for Research, at dmisra@med.wayne.edu.