



News from the UNIVERSITY OF MICHIGAN Occupational Health Nursing Program *Fall, 2018*

See Research
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MEET OUR NEW OHN STUDENTS

Congratulations to the following newly-admitted Occupational Health Nursing students. If you have questions about coursework or interests, please contact Dr. Marjorie McCullagh, OHN Program Director, at mcculla@umich.edu.

Nichole Kaledas is a first-year FNP student with a BSN from Eastern Michigan University and clinical experience which includes emergency medicine (trauma-certified) and neuroscience.

Amy Lee is a first-year FNP student in the DNP program with a BSN from Baylor University and doula certification. We congratulate Amy on her recent naturalization (see below) as a US citizen!

Laurel Machiele is a first-year FNP student in the DNP program with a BSN from Calvin College and backgrounds in global health, business, social entrepreneurship, and waterfront skills and safety.

Joseph Robillard is a first-year FNP student with a BSN from Ferris State University and with strong emergency and trauma orientation documented by multiple certifications (Basic Life Support, Advanced Cardiac Life Support, Pediatric Advanced Life Support, Trauma Nurse Core Course).

Elyse Watkins enters as a first-year FNP student in the DNP program with a BSN from Oakland University. In addition to her medical/surgical and pediatric background, she has demonstrated a commitment to community health issues such as the homeless and infectious disease.

Kimberly Woolsey is a first-year FNP student in the DNP program with an MSN from University of Arizona. She brings to the table a broad potpourri of experiences, including expertise in hospital, community, and public health department services.

UMSN OHN PROGRAM NEWS

Dr. Christopher Friese, Professor and Deputy OHN Director has recently led the launch of a new research center, the Center for Improving Patient and Population Health, at the School of Nursing.



Also, he has been appointed to a National Academy of Medicine study, *Study on the use of elastomeric respirators in health care*. This ad hoc committee will conduct a study to examine the use of half-mask elastomeric respirators by healthcare workers, exploring the logistical, economic, and policy challenges and opportunities while also focusing on issues regarding personnel proficiency, proper use, and acceptance of elastomeric respirators in the U.S. healthcare system. The study will examine the practicability of elastomeric use in healthcare on a routine basis as well as during an influenza pandemic or other large aerosol-transmissible outbreak, when demand for respiratory protective devices by U.S. healthcare personnel may be larger than domestic supplies. The study will also address the issues regarding emergency stockpile management of elastomeric respiratory protective devices. Students have an opportunity to participate in the study in a one-day workshop (see page 4). Interested students may contact Dr. Friese directly christopher.friese@gmail.com.

Assistant Professor Dr. Marie-Anne Roseberg continues her active program of research focusing on low-paid, often minority immigrant service workers. Her most recent publication is *Blood pressure and Job domains among hotel housekeepers*. *Journal of Health Disparities Research and Practice* 11 (3), 101-115. Two current projects include *Developing Effective Training Approaches to Reduce Chemical Exposures Among Nail Salon Workers*, and *Participatory Research Project to Explore*



Perceived Stressors and Identify Intervention Needs Among Women Hotel Housekeepers. She was recently awarded a grant from UM's Center for Occupational Health & Safety Engineering (COHSE) to study *Occupational Inhalation Exposure to, and Health Risk of, Volatile Organic Compounds of Hotel Housekeepers*, to determine housekeepers' daily occupational health risk using concentrated chemical cleaning products. Also, Dr. Rosemberg was recently appointed to the UM National Center for Institutional Diversity, [Diversity Scholars Network](#). Members of the Network are identified for their commitment and contribution to diversity research and scholarship. She was also recently appointed as Vice Chair for Research for the Department of Systems, Populations and Leadership at UMSN. Students interested in contributing to her high-impact nursing research and gaining research experience are encouraged to contact Dr. Rosemberg directly at sanon@umich.edu.

OHN Program Director and Professor Dr. Marjorie McCullagh studies

prevention of noise-induced hearing loss among farm operators, a high-risk and underserved worker group. As members of her team, students may have opportunities to consent and recruit research subjects, enter data, conduct interviews, administer surveys, participate in focus groups, participate in intervention or implementation research, participate in interdisciplinary research team meetings, develop evidence for research, manage data, prepare posters, papers, and manuscripts for dissemination, and many other research-related activities. Dr. McCullagh welcomes inquiries from interested students at all program levels (BSN, MSN, DNP, PhD) about how they how they can engage with her work to learn about and contribute to research. Contact her at mcculla@umich.edu.



DNP IN OHN NOW OFFERED AT UMSN

The UM Center for Occupational Health, Safety, and Engineering has recently received approval from its funding agency, the National Institute for Occupational Safety and Health, to offer DNP studies in occupational health nursing. Prospective persons interested in DNP studies in occupational health nursing should contact the OHN program director, Dr. McCullagh (mcculla@umich.edu).

MCCULLAGH RECEIVES ACADEMY EDGE RUNNER AWARD



AMERICAN ACADEMY OF NURSING
transforming health, policy and practice through nursing knowledge

On August 20 2018, the American Academy of Nursing recognized Marjorie McCullagh, PhD,

RN, APHN-BC, COHN-S, FAAOHN, FAAN, as an Academy Edge Runner for her innovative program, Quiet4Healthy Farm. Through its prestigious Edge Runner program, the Academy recognizes nurses who lead the way with new ideas to transform the health system. Edge Runners are nurses who have designed innovative models of care or interventions which improve health, impact cost, and influence policy. The goal of Dr. Marjorie McCullagh's intervention, Quiet4Healthy Farm, is to promote health and improve the quality of life among farm operators and farm youth by eliminating work-related hazardous noise exposures. Quiet4Healthy Farm is a collection of interventions from two programs, HEAR on the Farm and Hearing Heroes, designed and developed by Dr. McCullagh and her team in consultation with farm operators and farm youth over several decades. These hearing conservation interventions include a number of features and methods designed to promote behavior change. Her interventions are now adopted in standard curriculum reaching over 100,000 people in 338 U.S. communities annually, and being included in a smartphone app for noise monitoring and education of farmers. Dr. McCullagh's interventions have demonstrated sustained effectiveness over a 12-month period in increasing the use of hearing conservation strategies. U.S. analysis of economic burden of noise on cardiovascular disease suggests that even a modest 5-dB reduction in noise would reduce the prevalence of hypertension by 1.4% and coronary heart disease by 1.8%, resulting in an annual economic benefit of approximately \$3.9 billion.

OHN STUDENTS LEARN WORKPLACE SAFETY AT JIFFY BAKING MIX PLANT



UMSN OHN students enrolled in NURS 572 Current and Emerging Issues in Occupational Health Nursing toured a local production facility, Chelsea Milling, in Chelsea, MI on May 25. Chelsea Milling is home to the very popular brand of Jiffy baking mixes. The trip consisted of a guided tour of selected parts of the plant, and interview with a company representative. Students used the tour as an opportunity to practice identifying workplace hazards and programs to protect workers from those hazards.

OHN STUDENT NEWS -

OHN STUDENT NATHAN STEFANOVSKY SUPPORTS INTERDISCIPLINARY OCCUPATIONAL HEALTH PROGRAM DEVELOPMENT

Second-year FNP-OHN student Nathan Stefanovsky is serving as a student representative to the COHSE, helping to identify develop academic programming. Thanks, Nathan!

OHN STUDENT AMY LEE BECOMES US CITIZEN

Please congratulate OHN student Amy Lee, who recently completed naturalization as a US citizen. Her poignant reflections (below) are sobering to those of us who enjoy U.S. citizenship at birth and who may take this benefit for granted:

“My heart still pounds when a professor takes out an attendance sheet. After getting my Korean name mispronounced during roll call in all of my seven classes

on the first day of class in the United States, and getting laughed at by my peers, I wanted an English name.

“I remember the looks from a salesperson when I could not provide my social security number because I did not have one. I wanted special promotions and benefits.

“I remember checking the U.S. permanent resident box and providing the 9-digit “Alien number” in all of my college applications. I did not want to be called an “alien.”

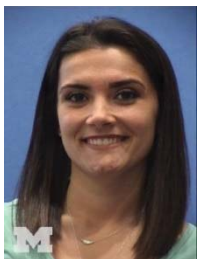
“I remember not being able to apply for scholarships and jobs because the description box said, “U.S. citizens only.” I wanted to be a U.S. citizen.

“A non-U.S. citizen can start applying for U.S. citizenship five years after getting a permanent resident card (aka green card). I was eligible to apply since 2014, but I was not fully ready to give up my South Korean citizenship. However, after many years of being referred to as an “outsider” in the U.S., which felt like a second home for me, I finally decided to get my U.S. citizenship. The whole naturalization process (application process, fingerprinting, interview, and oath ceremony) usually takes about a year, but it took me a little longer because I had to move from Texas, where I got my undergraduate degree, to Michigan, where I will earn my DNP. I was also able change my name to Amy Youngeun Lee along the way.

“I have only been a U.S. citizen for less than a month, but the most exciting change is this: I love how everyone can remember my name better! I hope this makes it easier for patients to remember my name, too. I am also privileged to perform actions that I have never done before: I can now vote in federal elections, apply for jobs and scholarships, travel abroad for longer periods of time, and sponsor others for green cards.”

Amy, welcome to the team!

OHN STUDENT KRISTIANA HILA PROVIDES HEALTH SERVICES TO RESIDENTS OF COSTA RICA



In May of 2018, I embarked on a medical relief trip through the Foundation for International Relief of Children (FIMRC) to the small town of Alajuelita, Costa Rica. This town is home to not only Costa Rican natives, but also to Nicaraguan refugees seeking construction jobs and health care through FIMRC. Many of the

cases seen in the clinic were construction-related injuries such as sprains or cuts. In addition, there was also a high prevalence of chronic health conditions, such as diabetes and hypertension.

The clinic staff lacked basic equipment (such as gloves) and a proper working environment. Occupational health hazards included a lack of proper PPE and equipment, as well as exposure to hazardous chemicals due to improper disposal.

students to collaborate with occupational health students from other disciplines and learn more about occupational health and safety in health care settings. The workshop, funded by the National Cancer Institute and supported by COHSE, will be held **Saturday October 20, 2018** in the School of Nursing Clinical Learning Center. For more information or to sign up, please contact Marylee Schert (mscherdt@umich.edu) no later than September 10.



COHSE ACTIVITIES



SEEKING VOLUNTEERS FOR CLINICAL RESEARCH STUDY

INTERPROFESSIONAL WORKSHOP ON IMPROVING SAFETY AMONG HEALTHCARE PERSONNEL ENGAGED IN ADMINISTERING CHEMOTHERAPY DRUGS

Occupational health nursing students are invited to assist faculty in clinical simulations of donning and doffing personal protective equipment (PPE, e.g., gowns, gloves) recommended when handling hazardous drugs. Students need not have hazardous drug handling expertise; on-site guidance by a national expert will be provided. Students will be asked to view educational materials before the workshop, attend an in-person debriefing, and evaluate attendees' performance of PPE activities with a standardized checklist. Lunch will be provided. This is a great way for OHN

COHSE Program Faculty Develop New Learning Opportunities in Interprofessional Collaboration in Occupational Health

OHN Program Director, **Dr. Marjorie McCullagh**, together with COHSE faculty colleagues Stuart Batterman, Marie O'Neill, and Richard Neitzel have been named as University of Michigan Interprofessional Education Leadership Fellows for 2018. The fellowship is offered through the [UM Interprofessional Education Center](#), a coordinating center for interprofessional education and collaborative care efforts at the University of Michigan. By carefully aligning and integrating the needs and interests of health professional *education* with collaborative *practice*, the center is working to transform the way it prepares UMichigan students. The COHSE team of Fellows spent a week of training in Seattle, and is working on curriculum development for the participating academic programs in public health, nursing, and engineering.

UM CENTER FOR OCCUPATIONAL HEALTH, SAFETY, AND ENGINEERING RECEIVES FUNDING FROM NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

The National Institute for Occupational Safety and Health recently awarded the UM Center for Occupational Health, Safety, and Engineering funding to continue to provide educational programs. The award followed a competitive

application process, and will support occupational health educational programs for the next five years.

CONTINUING EDUCATION

The UM Center for Occupational Health, Safety, and Engineering offers a wide variety of continuing education and professional development courses for nurses and other OH professionals. The courses are held at various locations, both on and off campus. For an up-to-date list of courses and dates, visit <http://cohse.umich.edu/continuing-education/>

PLANT TOURS AVAILABLE

The UM School of Public Health Department of Environmental Health Sciences offers a course (EHS 757) featuring a series of plant visits each Fall term, Fridays, 1-5 pm, for 2 credits. This course is open to OHNs. For more information, contact Bert Schiller at norberts@umich.edu.

RESOURCES FOR STUDENTS

JOB HUNTING?

On request, Dr. McCullagh will supply a letter of reference for OHN students, including useful information for prospective employers about your OHN-related educational qualifications. For more information, or to make a request, contact Dr. McCullagh at mcculla@umich.edu.

STUDENT SCHOLARSHIPS AVAILABLE

OHN students are invited to apply for scholarships to attend the annual meeting of the [Michigan Association of Occupational Health Nurses](http://www.michiganassociationofoccupationalhealthnurses.org)



(MAOHN). This organization offers educational and networking opportunities for OHNs at their annual Michigan meeting in September. The location of the September 2018 meeting is in Grand Rapids. The

MAOHN invites students to join us. The Association offers support for selected OHN students in the form of registration. For more information, visit <https://michaohn.nursingnetwork.com/> or contact Dr. McCullagh at mcculla@umich.edu.

THINKING OF PREPARING FOR THE COHN-S CERTIFICATION EXAM?

UM OHN program graduates are eligible to sit for the Occupational Health Nurse or Occupational Health Nurse-Specialist Exams, offered by the



American Board for
Occupational Health Nurses, Inc.

American Board
of Occupational
Health Nurses.

Certification is a

mark of prestige, can advance your career, is regarded by employers as a mark of quality, and can earn you a higher salary.

Board certification materials are available for loan in the UMSN OHN office. For example, the [ABOHN certification self-assessment test](#) includes sample test questions, answers, and rationales in a two-volume set, and an online module is also available to help prepare for the exam. <http://aaohn.org/page/online-learning>.

PUBLICATION AVAILABLE

The DOT medical examination: an unofficial guide to commercial drivers' medical certification/Natalie P. Hartenbaum, MD, MPH, FACOEM, editor (in electronic form) is now newly available through the Taubman Library. Use this link to access:

<https://mirlyn.lib.umich.edu/Record/015558537>

A print copy is also available and can be requested using this link:

<https://mirlyn.lib.umich.edu/Record/015897150>

ACADEMIC MENTORING AVAILABLE FOR OHN STUDENTS

Peer-to-peer mentoring is available for interested students. If you are an OHN student interested in connecting with a more experienced OHN student, or if you're interested in serving as a peer mentor, please contact Dr. McCullagh.

Mentors can be helpful by offering to answer questions, and providing guidance to students about academic life. Interested students are encouraged to contact Dr. McCullagh at mcculla@umich.edu.

ALUMNI NEWS

HABERKORN RECEIVES 2018 LUSK OUTSTANDING OHN STUDENT AWARD



Biannually, one student is selected to receive the Lusk Occupational Health Nursing Award. The 2018 award went to Elizabeth Haberkorn (MSN, fall 2017). As part of her MSN studies, Liz completed the OHN concentration, the DOT Medical Examiner's course, served as a research assistant in Dr. McCullagh's Farm Youth study, and presented her work locally and nationally at the annual convention of the American Association of Occupational Health Nurses in New Orleans, LA. Liz is now with St. John Occupational Health Partners in Detroit.

CONGRATULATIONS! to former OHN students who completed DNP studies in April:

Franklin Schaller – now, AANP-C; also starting work Fall 2018 as an assistant professor at Eastern Michigan University

Jordan Rimsa – now, FNP-BC and working at Good Health Associates in Murfreesboro, TN, a family practice and walk-in clinic; he is wrapping up data collection and writing a paper for publication.

Ariana Spiewak, FNP (2007) is currently splitting her time between work in a family practice clinic, and an urgent care in northern Michigan. She reports she is seeing multiple work comp claims, pre-employment physicals, musculoskeletal injuries, and doing DOT exam