



Department of Population & Public Health Sciences

Annual Report:

July 1, 2021 – June 30, 2022

Marietta Orłowski Ph.D., MCHES
Professor and Chair

1 Statement from the Chair

One of the things that I am most proud of is how our department operates as a learning community where we all contribute to the whole. Faculty, staff, and our students each have unique skills and professional experiences, and our willingness to share and support one another helps the community advance.

This year, we worked to transition back to our offices and classrooms, establishing new post-pandemic teaching, learning, and research methods. Along the way, we welcomed back many of our beloved traditions, including networking events and in-person graduation. A few of the many department highlights include the implementation of our first alumni giving campaign and our new leadership role in undergraduate public health education.

Academics

Enrollment in the M.P.H. program continued on a positive trend. Fifty-one M.P.H. students enrolled during the 2021-2022 academic year, and the program graduated 18 students. The department held an in-person graduation recognition ceremony to celebrate our students' accomplishments at the end of the Spring 2022 semester. Families and friends attended the celebration, making the event special for all attendees.

Faculty continued to develop new undergraduate experiences in public health. This year, we added two new interactive undergraduate classes. Disease Detectives used a case study method to introduce students to infectious disease epidemiology while Community Health Improvement explored local trends in population health outcomes with a focus on health equity. The faculty also worked with colleagues from the Colleges of Liberal Arts and Science and Mathematics to design interdisciplinary undergraduate degree programs.

Scholarship and Giving

The department also continued to increase the number of students receiving a scholarship or other financial support. We held our first alumni giving campaign during the Wright Day to Give and doubled the size of the scholarship fund created by Mr. Ken Dahms. The Boonshoft Public Health Workforce Scholarship grew in awareness and interest, receiving inquiries from employees of eleven county health districts. Three new PHWF scholarship recipients were announced for Fall 2022, bringing the total awardees to nine. In addition, two of our students received Graduate Tuition Scholarships, and two others received a scholarship from the Greene County Foundation (awarded to public health students who graduated high school in Greene County). Another student was awarded a Wright Fellowship from the Graduate School.

Research

The faculty and staff of the department's research centers conducted work in substance use, behavioral health, and disabilities. The research teams directed 19 grants totaling over \$2.7 million in annual expenses and made 15 national, state, and local presentations. Research faculty continued to take more active roles in the education center, including co-teaching courses and supervising student research capstones. In addition, the department was able to fund a graduate research assistant to support their research efforts.

Looking forward, the department has established two strategic initiatives – to grow enrollment and opportunities in undergraduate public health education and rebuild the funded work of the Center for Treatment, Interventions and Research. These initiatives build upon strengths in the department, our public health expertise and a 30+ year history of extramurally-funded substance use research.

2 Programs/Divisions

Name of Division or Program	Director	Dates
Education Center		
Aerospace Medicine Certificate	Thomas Jarnot M.D., M.S.	2019 – Present
Emergency Public Health Certificate	Sheri Gladish M.D.	2021 – Present
Epidemiology Certificate	Sara Paton Ph.D.	2018 – Present
Health Care Management Certificate	John McAlearney Ph.D.	2003 – Present
Master of Public Health Program	Sara Paton Ph.D., M.S.	2015 – Present
Public Health Leadership Certificate	John McAlearney Ph.D.	2016 – Present
Center for Interventions, Treatment, and Addictions Research (CITAR)	Vacant	
Substance Abuse Resources and Disability Issues (SARDI)	Jo Ann Ford M.R.C.	2018 – Present

3 Fully Affiliated Faculty

Name and Academic Position		Research Interests
Timothy N. Crawford Ph.D., M.P.H. Assistant Professor	Education Center	HIV & Aging; engagement in HIV care; HIV stigma; multi-morbidity patterns; LGBT health; analysis of existing data; mediation & longitudinal analyses; substance use
Jo Ann Ford M.R.C. Instructor	Education Center & SARDI	Behavioral health including substance use education and treatment, disability, HIV prevention, and mental health
Sheri Gladish M.D. Assistant Professor	Education Center	Undergraduate science education; environmental medicine; human factors in multiple environments; emergency preparedness
Amanda Hinson-Enslin Ph.D., M.P.H., CHES Assistant Professor	Education Center	Health information-seeking behaviors, including individuals who experience disabilities, wellbeing among students
Thomas F. Jarnot M.D., M.S. Assistant Professor	Education Center	Human factors in aerospace accident investigation; aircrew flight training; enhancing flight surgeon pilot/patient rapport to optimize aviation safety
Naila Khalil M.B.B.S., Ph.D., M.P.H., CPH Professor	Education Center	Environmental exposures and chronic disease, endocrine disruptors, climate change
Nicole Kinzeler Ph.D. Assistant Professor	Education Center & SARDI	Program evaluation; substance use education and treatment; HIV prevention; disability
John McAlearney Ph.D. Assistant Professor	Education Center	Health care applications for geographic information systems (GIS); health care costs; provider payment; community health centers and FQHCs; insurance and uninsurance issues; health care quality improvement; provider recruitment/retention; and physician education, electronic medical record data analysis;

Name and Academic Position		Research Interests
		international health care system comparisons
Ramzi W. Nahhas Ph.D. Professor	Education Center	Biostatistics, epidemiology, longitudinal data analysis, substance use, psychiatry, public health
Marietta Orłowski Ph.D., MCHES Professor	Education Center	Risk reduction in children and adolescents; building capacity for community-based program evaluation; theoretical framework of public health programs
Sara J. Paton Ph.D., M.S., CPH Associate Professor	Education Center	Maternal and child health; health assessment; nutrition; emergency preparedness
Cristina Redko Ph.D. Associate Professor	Education Center	Global health; global health education; systems thinking
Sydney Silverstein Ph.D. Assistant Professor	Education Center & CITAR	Medical anthropology, addiction & recovery, illicit drugs, gender, health disparities, infrastructure, multimedia practice, ethnographic film, material culture, collaborative research, Peru, Amazonia, urban US
Josephine Wilson D.D.S., Ph.D. Professor	SARDI	Substance use disorders, eating disorders, technology applications to improve accessibility to assessment, treatment, and recovery for individuals with disabilities

4 Teaching

Baccalaureate Courses - Taught

ASM 1717 Humans and Machines at Extremes (Gladish – Fall 2021 / Spring 2022)
 PPH 2000 Global Health (Redko, Smith [adjunct] – Fall 2021 / Spring 2022)
 PPH 2100 Climate Change and Health (Khalil – Fall 2021)
 PPH 2200 Disease Detectives (Hinson-Enslin – Fall 2021)
 PPH 2300 Community Health Improvement (Silverstein – Spring 2022)

Baccalaureate Courses - Guest Lectures

BIO 1080 Introduction to Public Health (McAlearney, Paton, Silverstein)
 EES 4720 Epidemiology & Community Health (Crawford, Paton)

Graduate Courses - Taught

ASM 7370 Aerospace Toxicology (Jarnot – Summer 2021)
 ASM 7571 Aerospace Skills for Healthcare Providers I (Jarnot – Summer 2021)
 ASM 7771 Fundamentals of Aerospace Medicine I (Jarnot – Fall 2021)
 ASM 7871 Space Medicine I (Jarnot – Spring 2022)
 FIN 7500 Financial Management of Health Service Organizations (Hogan [adjunct] – Fall 2021)
 PPH 6100 Biostatistics for Health Professionals (Crawford – Fall 2021)
 PPH 6400 Social & Behavioral Determinants of Health (Orłowski – Fall 2021)
 PPH 7020 Public Health Epidemiology (Paton – Spring 2022)
 PPH 7030 Environmental Health (Khalil – Spring 2022)

PPH 7050 Health Resource Management & Policy (McAlearney – Summer 2021 / Spring 2022)
PPH 7150 Applied Epidemiology (Chronic Diseases) (Crawford – Spring 2022)
PPH 7160 Advanced Biostatistics for Health Professionals (Nahhas – Spring 2022)
PPH 7410 Community Assessment (Paton – Summer 2021, Fall 2021)
PPH 7420 Health Program Planning & Evaluation (Hinson-Enslin – Summer 2021)
PPH 7430 Health Awareness and Advocacy Communication (Saunders [adjunct] – Fall 2021)
PPH 7440 Public Health Project Management (Kinzeler, Ford – Spring 2022)
PPH 7510 Strategic Leadership in Health Care Organizations (Syron [adjunct] – Fall 2021;
Walker [adjunct] – Spring 2022)
PPH 7520 Problems in Population Health (Redko – Summer 2021)
PPH 7640 Principles of Emergency Preparedness (Gladish – Summer 2021, Fall 2021)
PPH 7650 Public Health Crisis & Consequence Management (Gladish – Spring 2022)
PPH 7660 Public Health Terrorism Preparedness (Gladish – Fall 2021)
PPH 7920 Public Health Epidemiology II (Khalil – Fall 2021)
PPH 8110/7980 Public Health Applied Practice Experience (Paton – Summer 2021/ Fall 2021/ Spring
2022)
PPH 8210/7990 Public Health Integrative Learning Experience I (Kinzeler – Summer 2021, Spring
2022)
PPH 8230/7992 Public Health ILE Continued Credit (Kinzeler – Fall 2021)

Undergraduate Medical Education

Clinical Medicine/Upstream Medicine Guest Lecture (Hinson-Enslin, McAlearney)
Host and Defense Module Guest Lectures (Crawford)

Continuing Medical Education (grand rounds, seminars)

Guest Lecture for the Department of Psychiatry's Grand Rounds (Silverstein)
Guest Lecture for the Department of Psychiatry's Resident Didactics (Nahhas)
Guest Lecture for the Department of Surgery, Surgery Resident Research Day (Crawford)
Guest Lecture for the Department of Surgery, Surgical Critical Care Fellowship Conference
Series (Crawford)

5 Scholarly Activity

Funded grants

Ford, Jo Ann. Day-TREE Substance Abuse & Mental Health Services Administration / Federal 18-0348 Grant. 9/30/2021 to 9/29/2022, \$539,807. This study will enhance and expand comprehensive treatment, early intervention, and recovery support services for transitional aged youth and young adults (ages 16-25), and their families/primary caregivers to reduce the prevalence and severity of substance use disorders and/or co-occurring substance use and mental health disorders.

Ford, Jo Ann. The Offender Reentry Program Substance Abuse & Mental Health Services Administration / Federal 18-0197 Grant. 1/15/2022 to 1/14/2023, \$424,975. The study is designed to decrease recidivism rates in the county and reduce substance use while improving quality of life for adults reentering the community from incarceration.

Kinzeler, Nicole & Kissell, Kevin. Evaluation Services for Montgomery County Juvenile Court Montgomery County Juvenile Court / Other government 22-0037 Subcontract. 7/21/2021 to 6/30/2022, \$28,350. Montgomery County Juvenile Court received a subsidy grant to support their behavior change programs. The SARDI will provide evaluation services to this grant project.

Kinzeler, Nicole, & Crawford, Timothy Nathaniel. SARDI Evaluation of the Ohio Disaster Relief Project Montgomery County ADAMH Services Board / Other government 22-0101 Subcontract. 9/30/2021 to 9/29/2022, \$279,218. This study will provide evaluation support for the Ohio Disaster Relief Project (ODRP).

Kinzeler, Nicole, Ford, Jo Ann, & Crawford, Timothy Nathaniel. GPRA Evaluation, Training, Data Collection and Reporting for Ohio's State Opioid Response Grant 2.0. Ohio Department of Mental Health and Addiction Services / State 22-0105 Subcontract. 9/30/2021 to 9/29/2022, \$1,022,049. The SARDI program will provide evaluation, GPRA training, data collection and reporting support for Ohio's State Opioid Response Grant 2.0.

Kinzeler, Nicole, & Huber, Jon-Michael. Program Evaluation for the Pickaway Addiction Action Coalition's (PAAC) Drug-Free Communities (DFC) Grant Pickaway Addiction Action Coalition / Other government 22-0131 Grant. 10/01/2021 to 9/30/2022, \$12,497. SARDI will provide evaluation services to the Pickaway Addiction Action Coalition (PAAC) for their CDC Drug-Free Communities (DFC) grant.

Kinzeler, Nicole, Huber, Jon-Michael, & McGlone, Connie. Evaluation of the Zero Suicide Project for Montgomery County Montgomery County ADAMH Services Board / Other government 22-0156 Subcontract. 8/31/2021 to 8/30/2022, \$80,000. SARDI will provide evaluation support to the ADAMHS Board's Zero Suicide in Health Systems project.

Nahhas, Ramzi W. Support of the COVID-19 Vaccine Communication and Education Karna, LLC. / Industry 21-0291 Subcontract. 5/06/2021 to 6/22/2022, \$34,000. The researchers will provide technical support to Karna, LLC on the COVID-19 Vaccine Communication and Education Support contract. The principal duties are research design, analysis, reporting, interpretation and utilization of results.

Silverstein, Sydney Meredith. Community Overdose Action Team & Grants Management Plan - Casey Smith Maternity Leave Public Health - Dayton and Montgomery County / Other government 22-0187 Cooperative Agreement. 3/1/2022 to 10/31/2022, \$26,000. This public service contract provides temporary administrative support for the Community Overdose Action Team (COAT).

Silverstein, Sydney Meredith. Contradictions of Care: Treatment Ecosystems and Health-Tech in an Overdose Epicenter Wenner-Gren Foundation / Non-profit 22-0088 Grant. 6/01/2022 to 5/31/2023, \$15,539. This study explores a treatment ecosystem in Dayton, Ohio. It explores how differing ontologies shape approaches to care, and the experiences of people attempting to mitigate problematic drug use.

Silverstein, Sydney Meredith. Linkage to Hope Project Public Health - Dayton and Montgomery County / Other government 21-0319 Subcontract. 10/01/2021 to 9/30/2024, \$112,500. The Linkage to Hope Project will enhance data sharing, advance data collection and analysis, and expand current support services for people living with addiction.

Silverstein, Sydney Meredith. Exploring Stigma in the Overdose-Justice Nexus: A Mixed Methods Study of Good Samaritan Laws in Two Overdose Epicenters Ohio State University / Educational institutions 21-0320 Grant. 3/1/2022 to 7/31/2022, \$8,709. The proposed project investigates the roles of stigma in the implementation and efficacy of Ohio's Good Samaritan Laws (GSLs) in Columbus and Dayton.

Wilson, Josephine F., Trim, Jeremy P., Embree, Jared Arthur, & Kapp, Valerie A. Virtual Office Space (VOS): Improving Employment Opportunities for Individuals Administration for Community Living/DHHS / Federal 19-0248 Grant. 9/30/2021 to 9/29/2022, \$199,932. For this proof of product development project, the researchers will develop and evaluate a fully-integrated, high resolution virtual desktop for individuals with low vision, which can be accessed online from home or the workplace.

Publications

Papers in refereed journals

- Daniulaitye, R., **Silverstein, S. M.**, Getz, K., Juhascik, M., McElhinny, M., & Dudley, S. (2022). Lay knowledge and practices of methamphetamine use to manage opioid-related overdose risks. *International Journal of Drug Policy*, 99, 103463.
- Evola, C. M., Repas, S. J., Dickman, J., George, M., Viaud-Murat, E., Hershberger, P., **Crawford, T. N.**, & Conway, K. (2022). Perceptions of the SARS-CoV2 Pandemic: A Small Comparative Survey Analysis between Language Preference Populations in a United States Community Health Center. *Pathogens and Global Health*. doi:10.1080/20477724.2022.2088500
- Gainer, D. M., **Nahhas, R. W.**, Bhatt, N. V., McCormack, J., McMerrill, A., & Sultan, H. (2022). Factors associated with depression and anxiety symptoms among U.S. physicians during the first phase of the COVID-19 pandemic. *International Journal of Health Promotion and Education*. Published online. doi:10.1080/14635240.2022.2028264
- Gainer, D. M., **Nahhas, R. W.**, Vanderhoof, T., **Silverstein, S. M.**, Wright, M. D., Vanderhoof, S. O., & Miller, S. C. (2021). Exploring the interactions between non-medical methamphetamine use and prescribed buprenorphine or naltrexone in opioid use disorder treatment retention. *Substance Use and Misuse*, 56(4), 2160-2170. doi:10.1080/10826084.2021.1975747
- Harris, L. M., **Silverstein, S. M.**, **Crawford, T. N.**, Kerr, J. C., & Ball, D. (2022). Exploring the Impacts of Alcohol and Other Drug Use on HIV Care Among Older African American Adults in Kentucky: A Constructivist Grounded Theory Study. *Journal of the Association of Nurses in AIDS Care*, 33(3), 333-347.
- Hinson-Enslin, A.**, **Nahhas, R. W.**, & McClintock, H. F. (2022). Vision and hearing loss associated with lifetime drug use: NHANES 2013-2018. *Disability and Health Journal*, 15(2), Supplement (101286). doi:10.1016/j.dhjo.2022.101286
- James, C., **Crawford, T.**, Palileo, E., & Davenport, E. A Review of Coronary Artery Disease Risk Stratification in US Military Aviators: Expanding Mild- and Moderate-Risk Groupings. *Aerospace Medicine and Human Performance*, 93(3), 242.
- Koskela, A., Ducatman, A., Schousboe, J. T., **Nahhas, R. W.**, & **Khalil, N.** (2022). Perfluoroalkyl substances and abdominal aortic calcification. *Journal of Environmental and Occupational Medicine*. Published online. doi:10.1097/JOM.0000000000002479
- Mitchell, B., Utterback, L., Hibbeler, P., Logsdon, A. R., Smith, P. F., Harris, L. M., Castle, B., Kerr, J., & **Crawford, T. N.** (2022). Patient-Identified Markers of Quality Care: Improving HIV Service Delivery for Older African Americans. *Journal of Racial and Ethnic Health Disparities*, 1-12. doi:10.1007/s40615-022-01237-2. Online ahead of print. PMID: 35064521

- Parikh, P. P., Kipfer, S. C., **Crawford, T. N.**, Cochran, A., & Falls, G. (2021). Unmasking Bias and Perception of Lead Surgeons in the Operating Room: A Simulation Based Study. *American Journal of Surgery*, 223(1), 58-63. doi:10.1016/j.amjsurg.2021.07.015
- Salameh, T., Hall, L., **Crawford, T.**, & Hall, M. (2021). Perceived Barriers to Mental Health and Substance Use Treatment among US Childbearing-aged Women: NSDUH 2008 – 2014. *Women & Health*, 61(10), 1007-1015. doi:10.1080/03630242.2021.2003501
- Salameh, T., Hall, L. A., Hall, M. T., & **Crawford, T. N.** (2021). Cigarette Smoking Cessation and Mental Health Treatment Receipt in a U.S. National Sample of Pregnant Women with Mental Illness. *Journal of Nursing Scholarship*, 54(2), 202-212. doi:10.1111/jnu.12731. Online ahead of print. PMID: 34750961
- Sengupta, M. P., **Crawford, T. N.**, & Leeds, F. S. (2021). “The Heart is a House”: A Heuristic for Generating Cardiac Differential Diagnoses. *Journal of Medical Education and Curricular Development*. doi:10.1177/23821205211035235
- Silverstein, S. M.** (2021). Narco-Infrastructures and the Persistence of Illicit Coca in Loreto. *The Journal of Latin American and Caribbean Anthropology*, 26(3-4), 427-450.
- Silverstein, S.M.**, Milligan, K., Osborn, A., Aamir, I., Gainer, D., & Daniulaityte, R. (2021). Visualizing a Calculus of Recovery: A Photo-ethnographic Exploration of Recovery in an Overdose Epicenter. *Culture, Medicine and Psychiatry*, 1-29. doi:10.1007/s11013-021-09758-x
- Victor, G., Lee, G., Pozo, B. D., **Silverstein, S.**, Zettner, C., Cason, R., & Ray, B. (2022). Medications for Opioid Use Disorder in the Criminal/Legal System: Knowledge, Beliefs, and Attitudes Among Rural Community-Based Stakeholders. *Journal of Drug Issues*.
<https://doi.org/10.1177/00220426221076800>

Books, chapters, reviews

- Hinson-Enslin, A. M.** - Abstract reviewer, Public Health Education and Health Promotion Section, American Public Health Association 2022 Annual Meeting
- Hinson-Enslin, A. M.** - Reviewer for *Disability and Health Journal* (twice)
- Hinston-Enslin, A.M.** - Reviewer for *Ohio Journal of Public Health*
- Nahhas, R.** - Textbook accuracy checker, Jones and Bartlett Learning; Checked accuracy of all calculations, formulas, examples, and exercises throughout an entire biostatistics textbook, including reviewing the answer key
- Nahhas, R.** - Abstract reviewer, Epidemiology Section, American Public Health Association 2022 Annual Meeting

Published abstracts

- Harris, L. M., **Silverstein, S. M.**, Ball, D. M., Kerr, J., & **Crawford, T. N.** *Exploring the Impact of Alcohol and Other Drug Use on HIV Care Among African American Older Adults Living with HIV/AIDS*. The Gerontological Society of America Annual Scientific Meeting, November 10-14, 2021, Online. <https://doi.org/10.1093/geroni/igab046>
- Hinson-Enslin, A. M.**, **Nahhas, R. W.**, de Vries McClintock, H. F. *Examination of the relationship between cardiovascular disease and lifetime substance use among individuals with sensory disabilities*. For presentation at the American Public Health Association, October, 2021, Virtual poster presentation.

Significant presentations

- Beard, C. A., Castillo, N., George, M., Rivera, J., Viaud-Murat, E., Moneke, C., Hershberger, P., **Crawford, T.**, & Conway, K. *Integrating COVID-19 Virus and Vaccine Education into new Refugee Onboarding at a Global Health Clinic: A Public Health Intervention*. Latino Medical Student Association 32nd Annual Midwest Regional Conference, March 2022, Virtual poster presentation.
- Castillo, N., George, M., Viaud-Murat, E., Beard, C., Rivera, J., Moneke, C., Hershberger, P., Conway, K., & **Crawford, T.** *Unseen Barriers and Opportunities for Public Health Intervention observed in Secondary English Speakers during the SARS-CoV-2 Pandemic, with emphasis on the Hispanic/Latino population*. Latino Medical Student Association 32nd Annual Midwest Regional Conference, March 2022, Virtual poster presentation.
- Crawford, T. N.** *Exploring the Impact of Discrimination and HIV-related Stigma on Engagement in HIV Care: Findings from a Pilot Study among Older African Americans Living with HIV*. BSOM Research Symposium, Dayton, Ohio, April 2022, Invited presentation.
- Gainer, D., **Silverstein, S. M.**, Rivera, J., & Daniulaityte, R. *Beyond Trauma-Informed Care: Insights from a Qualitative Study*. Poster presented at the American Society for Addiction Medicine Annual Meeting, Hollywood, FL, March-April 2022.
- George, M., Viaud-Murat, E., Moneke, C., Repas, S. J., Evola, C. M., Dickman, J., Hershberger, P., Conway, K., & **Crawford, T.** *Language Proficiency Influences Disease Prevention Behaviors: Patterns Observed in the Influenza and COVID-19 Vaccines*. Latino Medical Student Association 32nd Annual Midwest Regional Conference, March 2022, Virtual poster presentation.
- Hinson-Enslin, A. M.** & Deering, M. K. *Inclusive design, proactive communication, and embedded support for students living through a pandemic and beyond*. Distance Teaching and Learning Conference. Madison, WI (online), August 2021.
- Kinzeler, N.**, Browning, A., Huber, J.-M., Vann, M., & Gaddis, R. *Using innovative technologies to advance HIV prevention for African American college students during COVID-19*. Presented at the annual meeting for the American Academy of Health Behavior (AAHB), March 2022.
- Maione, G., Pollock, K., George, M., Nelson, S., & **Nahhas, R. W.** *Assessing the impact of the integrated care model on depression remission in adolescents*. Virtual Annual Psychiatric Update, Ohio Psychiatric Physicians Association, April 2022.
- Nguyen, A., Owens, G., Conway, K., Hershberger, P., & **Crawford, T.** *Prevalence of firearm ownership in Wright State Physicians patients and attitude toward firearm safety screening*. American Medical Student Association Annual Convention & Exposition, April 2022, Virtual poster presentation.
- Nguyen, A., Owens, G., Conway, K., Hershberger, P., & **Crawford, T.** *Prevalence of firearm ownership in Wright State Physicians patients and attitude toward firearm safety screening*. Boonshoft School of Medicine Medical Student Research Seminar, January 2022, Virtual poster presentation.
- Perdue, T., Valdez, A., **Silverstein, S. M.**, Daniulaityte, R., Carlson, R., Bluthenthal, R., & Cepeda, A. *Perceptions of the Good Samaritan Law in Ohio: A Qualitative Study*. Paper presented at the Association for Public Policy Analysis & Management Annual Meeting, Austin, TX, March 2022.
- Sakayan, M., White, C., **Crawford, T.**, Conway, K., & Leeds, F. S. *The Virtual Patient Meets the Virtual Medical Student: Telemedicine in the Age of COVID19*. 2022 Society of Teachers of Family Medicine Conference on Medical Student Education, January 2022, Virtual poster presentation.
- Silverstein, S. M.**, & Gainer, D. *Rethinking Trauma-Informed Care: How Qualitative Research Can Inform Clinical Practice*. Boonshoft School of Medicine Research Forum, Dayton, OH, April 2022, Invited presentation.

- Thomas, B., & **Khalil, N.** *Food Insecurity and Serum Vitamin D Levels in U.S. Children*. Ohio Public Health Association Combined Conference, Columbus, OH, April 2022, Virtual poster presentation.
- Wilson, J. F., & Denning, A. *From Risky Business to Safe Decision Making*. Problem Gambling Symposium for the Cuyahoga Problem Gambling Coalition, Cleveland, OH, June 2022.
- Wilson, K., Wilson, M. A., Perez, V., Poggi, A., **Hinson-Enslin, A. M.**, Francavillo, G., Ma'at, A., Armstead, L., Momoh, V., Fritz, J., LaJoie, S., Battle, A. (November, 2021). Best practices in online teaching: Academic, community, and professional development [panel]. American Public Health Association: Public Health Education and Health Promotion.

Other recognition

- Crawford, T. N. *Racism and Health*. Presented at the Dayton Children's Hospital Pediatric Residents DEI Curriculum Series. 2022.
- Crawford, T. N. African American Older Adults with HIV: Exploring Intersectionality and HIV Care Outcomes. Presented at the AETC Southeast Webcast Wednesdays. 2021

Conference Abstract Reviews

- T. N. Crawford – Society for Epidemiologic Research

Editorial Review Boards

- T. N. Crawford – Journal of the American Board of Family Medicine

Journal Manuscript Reviews

- T. N. Crawford – Reviewed manuscripts for Alcohol, BMJ Open, Clinical Gerontologist, Journal of AIDS and Behavior, Journal of AIDS Care, Journal of the American Board of Family Medicine, Journal of Healthcare for the Poor and Underserved, Journal of Racial and Ethnic Health Disparities, Medical Education Online, PLOS One, and Substance Use and Misuse.
- A. Hinson-Enslin – Review manuscripts for Disability and Health Journal, Ohio Journal of Public Health, and SSM - Population Health
- R. Nahhas – Reviewed manuscript for Journal of Clinical Medicine
- S. Paton – Reviewed manuscripts for Ohio Journal of Public Health and Maternal & Child Health Journal
- S. M. Silverstein – Reviewed manuscripts for Drug and Alcohol Dependence, Frontiers in Psychiatry, Journal of Latin American and Caribbean Anthropology, Substance Use & Misuse, and Substance Abuse: Research & Treatment
- J. F. Wilson – Reviewed manuscripts for Digital Health and Journal of Gambling Studies

6 Summary of Service Activities

M.P.H. Courses – Community Service Projects

Student engagement with local public health agencies is an important learning opportunity within the M.P.H. program. This year, students in PPH 7410 Community Assessment completed a service-based learning project. In Summer 2021, students completed the community health assessment for Miami County Public Health and in Fall 2021, students conducted an assessment for Brigid's Path, a local non-profit organization that provides care to babies born addicted to drugs.

M.P.H. Graduates - Student Integrative Learning Experience (Capstone) Projects

Summer 2021

Independent Capstone Project

Claire Hardman-Cox- *White Paper for a National Institute of Trauma* (Chair – McAlearney)

Fall 2021

Course Capstone Project – Public Health Epidemiology II

Hamza Sultan - *Association between Serum Vitamin D and Bone Mineral Density in US Population* (Chair – Khalil)

Spring 2021

Independent Capstone Projects

Urmimala Chaudhuri - *The Fungal Burden of Diseases in Central and South America* (Chair – Redko)

Whitney Jenkins - *Motivations for Using Methamphetamine in Dayton, Ohio: A Mixed-Methods Study* (Chair – Silverstein)

Course Capstone Projects – Applied Epidemiology

Catherine Blasser, D.O. - *Caregiver Mental Health Burden: Is the Condition of the Care Dependent a Factor?* (Chair – Crawford)

Brian Burke, M.D. - *Diabetes Health Outcomes and Social Determinants of Health: An Analysis of BRFSS 2020 Data* (Chair – Crawford)

Maryrose Chuidian, M.D. - *Effectiveness of Routine Cardiac Catheterization on Aviators with History of Coronary Artery Disease* (Chair – Crawford)

Jennel Cumney - *Dimensions of Sleep Health and their Relationships with General Health: Results from the 2020 National Health Interview Survey* (Chair – Crawford)

Matthew Hoyt, D.O. - *Breast Cancer Risk Interaction between Smoking and Oral Contraception* (Chair – Crawford)

Kalli Luthi - *Relationship between Minutes and Days of Moderate and Vigorous Physical Activity and Depressive Symptoms* (Chair – Crawford)

Steven Nordeen, M.D. - *Sex Differences in the Relationship between Sexual Minority Youth Status and Depressive Symptoms among US High School Students* (Chair – Crawford)

Becky Thomas, M.D. - *The Relationship between Screen Time, Weight Status, and Fatty Liver Disease in U.S. Adolescents: A Cross-Sectional Study Using NHANES, 2017-2018* (Chair – Crawford)

W. Taylor Timberlake, M.D. - *Coronary Artery Disease Risk Stratification in US Military Aviators with Known Disease: A Validation of Proposed Changes to Risk Categorization Levels* (Chair – Crawford)

Course Capstone Project – Global Health

Andrea Kaelin - *Emerging Frugal Technology for Global Health: Diagnostic Ultrasonography* (Chair – Redko)

Course Capstone Projects – Public Health Project Management

Matthew Clayton - *The Springdale Vaccine Equity Project* (Co-chairs – Kinzeler & Ford)

Alana Demmons - *POW(h)ER: Partnership fOr Women's Health Education & Resources* (Co-chairs – Kinzeler & Ford)

Natalie Hicks - *Lessons for Life: A Substance Use Prevention Program for High School Students in Auglaize County* (Co-chairs – Kinzeler & Ford)

Cassidy Shaver - *The Prescription Stimulant Misuse Prevention Project (PSMPP)* (Co-chairs – Kinzeler & Ford)

Brandon Willis - *The Student Preparedness Project* (Co-chairs – Kinzeler & Ford)

Committee Membership

Department of Population & Public Health Sciences

Curriculum Committee: Crawford, Gladish, Hinson-Enslin, Jarnot, Khalil, Kinzeler, McAlearney (Chair), Nahhas, Orłowski, Paton, Redko

M.P.H. Admissions Committee: Khalil, McAlearney, Orłowski, Paton (Chair), Redko

M.P.H. Awards & Recognition Committee: McAlearney, Orłowski (Chair), Paton, Redko

M.P.H. Evaluation Committee: Crawford, Khalil, Kinzeler, McAlearney, Orłowski, Paton, Redko

M.P.H. Scholarship Committee: McAlearney (Chair), Orłowski, Paton

Promotions & Continuances Committee: Nahhas (Chair), Paton, Wilson

Scholarship in Medicine: Nahhas

Boonshoft School of Medicine School of Medicine

Continuing Medical Education Committee: Paton

Executive Committee: Orłowski

Faculty and Promotions Committee: Nahhas

Faculty Curriculum Committee: Orłowski

Family Medicine Chair Search Committee: Crawford

Research Committee: Crawford

Strategic Planning: Crawford (GME, co-chair), Nahhas (Research), Orłowski (Research, co-chair), Silverstein

Student Promotion: Crawford

Upstream Medicine Steering Committee: McAlearney

Wright State University

Graduate Academic Policies Committee: McAlearney
Graduate Student Affairs Committee: Crawford
Library Faculty Advisory Board: Hinson-Enslin (Co-Chair)
Undergraduate Curriculum Committee: Gladish
Undergraduate Academics Policy Committee: Hinson-Enslin

State/Local

Ebenezer Healthcare Access, Board: Paton
Greene Country Prevention Coalition: Ford
Harm Reduction Ohio: Silverstein
International Association of Maternal Action and Scholarship: Hinson-Enslin
Just a Pair of Shoes, Secretary: Ford
Medical Reserve Corp., Miami and Montgomery Counties: Paton
Mental Health Recover Board, of Clark, Greene, and Madison Counties: Hinson-Enslin
Midwest Sexual and Gender Minority (SGM) Health Research Consortium: Crawford
MonDay Community Correctional Institution, Provider Board: Ford
Montgomery County Collective Opioid Action Team, Steering Committee and Data Committee: Paton
Montgomery County Human Services Levy Council: Orlowski
Ohio Alliance for Innovation in Public Health, Steering Committee: Paton
Ohio Collaborative to Prevent Infant Mortality: Paton
Ohio Department of Health, Certified HIV and Hepatitis C Tester: Kinzeler
Ohio Department of Health, Fetal Alcohol Spectrum Disorders, Steering Committee: Paton
Ohio Public Health Association, Ohio Public Health Resiliency Coalition for Climate Change: Khalil
Ohio Public Health Association, Epidemiology Section: Paton
Peer Movement Project, Advisory Board: Kinzeler
Public Health – Dayton & Montgomery County (PHDMC), Board of Health: Orlowski
PHDMC, COAT, Treatment & Harm Reduction and Criminal Justice Sub-committee: Silverstein
PHDMC, Ethics Committee –Nahhas
PHDMC LGBTQ Health Alliance - Mental Health, Addiction, & Violence Taskforce: Crawford (Co-chair)
PHDMC LGBTQ Health Alliance – Wellness and Wellbeing Taskforce: Crawford (Co-chair)
PHDMC, Research Review Committee: Khalil
United Way of Montgomery County: Paton

National/International

American Public Health Association

- Epidemiology Section: Nahhas, Paton
- PHEHP, Learning and Professional Development Committee: Hinson-Enslin
- Moderator at 2021 annual meeting: Nahhas

ASPPH (Association of Schools and Programs of Public Health):

- Academic Affairs: Orlowski
- Diversity: Crawford
- Practice Section and Primary Representative: Paton
- Scholarship of Teaching and Learning Task Force (SoTL): Khalil

CityMatCH, Institute for Equity in Birth Outcomes: Paton
Delta Omega, Gamma Alpha Chapter: Orlowski (Chapter President), Paton (Chapter Vice-President)
Global Consortium on Climate and Health Education (GCCHE), WSU BSOM Representative: Khalil
National Commission for Health Education Credentialing, Inc.: Orlowski
Society for Epidemiologic Research, Diversity and Inclusion and Membership Committees: Crawford
Society for Visual Anthropology, Board: Silverstein

7 Honors and Awards

Graduate Student Honors/Awards

- John D. and Gretchen H. Bullock Endowed Public Health/Medicine Award – Becky Thomas M.D.
- M.P.H. Distinguished Graduate Student Award – Steven Nordeen M.D.
- M.P.H. Student Excellence Award, Capstone – Jennel Chumney, Cassidy Shaver
- M.P.H. Student Excellence Award, Leadership – Alana Demmons, Natalie Hicks
- M.P.H. Student Excellence Award, Research – Whitney Jenkins

Graduate Student Scholarship Awards

- Boonshoft Public Health Workforce Scholarship – Katie Burwinkel, Lea Kelty, Wendy Owen, Emily Warren-Tyler, Carrie Yeager
- Graduate Tuition Scholarship – Matthew Fisher, Cassidy Hughes
- Graduate School Wright Fellowship – Joshua Lassen
- Greene County Foundation Scholarship – Joshua Lassen, Kalli Luthi
- John D. and Gretchen H. Bullock Endowed Public Health/Medicine – Becky Thomas M.D.

8 Hosted Events

M.P.H. – Thirteen Virtual Open Houses. These events highlighted the WSU M.P.H. program to anyone exploring graduate degree options, at any stage in the application process. WSU M.P.H. alumni and faculty/staff were invited to speak on public health leadership (Jul. 6, 2021); health promotion & education (Aug. 3, 2021; Feb. 22, 2022); environmental health (Jan. 11, 2022); epidemiology (Jan. 25, 2022); and certificates (Mar. 22, 2022). Other open house events were geared toward general program information on Dec. 14, 2021; Mar. 8, 2022; May 24, 2022; and Jun. 21, 2022 along with participating in the Graduate Open House event on Feb. 8, 9, 10, 2022.

M.P.H. – Public Health Careers 101. This event was held virtually on Nov. 4, 2021 from 5-7pm. Four alumni served on the panel and former faculty and PHDMC medical director, Michael Dohn served as the moderator.

M.P.H. – Delta Omega Days of Service. Faculty, staff, and students participated in several events sponsored by our DO Chapter. These included two events with Five Rivers MetroParks: Make a Difference Day (Oct. 25, 2021 at Cox Arboretum) and Earth Day (Apr. 23, 2022 at Carriage Hill Riding Center); Food drive for the WSU Food Pantry in Nov. 2021; and packing food boxes for seniors at the Dayton Food Bank (Apr. 5, 2022).

M.P.H. – Career Development. Workshops were provided to our students, faculty, staff, and alumni: Two virtual Wellness Workshops (Diaphragmatic Breathing: Sept. 1, 2021, & Gratitude: Nov. 17, 2021); and a virtual LinkedIn Workshop (Feb. 16, 2022). Opportunities for a professional headshot were offered twice in our Center (Feb. 17 & Apr. 11, 2022).

M.P.H. – Course Capstone Poster/Oral Presentations. This event highlighted the accomplishments of WSU M.P.H. students as they presented their final projects to faculty and fellow students. April 27, 2022.

M.P.H. – Graduate Recognition Ceremony. This event highlighted graduates of the WSU M.P.H. program from Fall 2021, Spring 2022, and Summer 2022. M.P.H. faculty, staff, graduates, along with their families and friends attended. April 27, 2022.

Public Health Outreach – During National Public Health Week (April 2022), the department hosted a table in the Atrium of the Student Union with public health information. Two basket giveaways that were donated by restaurants near campus and students who visited the table and followed the MPH program on IG or Facebook were entered into the drawing for the baskets.

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Other Information

- T. Crawford - DAGMEC Virginia C. Woods Resident Research Forum Poster Judge (2022)
- R. Nahhas - Small Group Moderator, Scholarship in Medicine final presentation day, Boonshoft School of Medicine, April 26, 2022 (invited)
- R. Nahhas - Faculty Facilitator, Medical Student Research Seminar, Boonshoft School of Medicine, January 5, 2022 (invited)
- S. Silverstein – Webinar speaker for *Undesign the Redline: Redlining and Black Women's Health Equity*, Wright State University's Women's Health Center, February 25, 2022
- N. Khalil – College of Nursing and Public Health, Adelphi University, NY, external reviewer for promotion to Associate Professor