



Department of Population & Public Health Sciences

Annual Report:

July 1, 2022 – June 30, 2023

Marietta Orłowski Ph.D., MCHES
Professor and Chair

1

Statement from the Chair

This year, the department moved forward on many important initiatives; most notably, the department relocated to 2555 University Blvd, within the same building as the departments of Emergency Medicine, Geriatrics, and Psychiatry. The relocation increases our visibility with students and improves opportunities for interdepartmental collaborations. Please stop by and tour the new classroom and student lounge!

Academics - Enrollment in the academic public health programs continues to grow. Fifty-one M.P.H. students enrolled during the academic year, and the program graduated 25 students. The graduating cohort included four public health employees, three medical school students, seven USAF physicians, plus a variety of wonderful professionals from various fields. We recognized their excellence in epidemiology, health promotion and education, public health spirit, and more.

We also celebrated the graduation of 23 undergraduate students. These students shared exciting plans for their future, including continuing their education in professional preparation programs. We are excited to welcome three of these scholars into our M.P.H. program eager to learn more about diverse career opportunities in local and state public health.

Given the landscape of public health, our faculty are energized to explore ways to increase engagement in our programs and support the rebuilding of our local public health workforce. The team has added several new undergraduate courses and partnered with Raj Soin College of Business to offer a new graduate Leadership and Ethics course. At our annual retreat, the group brainstormed ways to raise awareness about the profession, build bridges between the undergraduate, graduate, and alumni base, and engage students in more service learning. We expect great things in 2023-24.

Scholarship and Giving - The department also continued to prioritize increasing the number of students who receive a scholarship, with 27% of the graduate students receiving some tuition support. The Boonshoft Public Health Workforce Scholarship, which provides tuition assistance to public health employees, has awarded eleven scholarships since the program's inception in 2020. In addition, faculty and alumni generously participated in our second alumni giving campaign – Wright Day to Give - which successfully endowed the Master of Public Health Student Scholarship founded by our former colleague Mr. Ken Dahms.

Research - The faculty and staff of the department's research centers continued their work in substance use, behavioral health, and disabilities. The research teams directed 12 grants totaling over \$2.7 million in annual expenses, published 15 peer-reviewed articles, and made 22 national, state, and local presentations. Three faculty - Wilson, Ford, and Kinzeler- were recognized for their Excellence in Grantsmanship, with other faculty working hard to join this elite club!

Looking forward, the department continues to focus on 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, BA	Marietta Orłowski, Ph.D.	2022 – Present
Public Health, BS	Marietta Orłowski, Ph.D.	2022 – Present
Public Health Leadership Certificate	John McAlearney Ph.D.	2016 – Present
Physician Leadership Development Program	John McAlearney, Ph.D.	2019 – 2022
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. Associate 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, mental health, and recovery support
Sheri Gladish M.D. Assistant Professor	Education Center	Undergraduate science education; environmental medicine; human factors in multiple environments; emergency preparedness; Intraprofessional Education (IPE)
Amanda Hinson-Enslin Ph.D., M.P.H., CHES Assistant Professor	Education Center	Health information-seeking behaviors, including individuals who experience disabilities, mental health and substance use outcomes and rehabilitative use among marginalized populations
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 costs; provider payment; community health centers and FQHCs; insurance and

<u>Name and Academic Position</u>		<u>Research Interests</u>
		uninsurance issues; quality improvement; provider recruitment/retention; physician education, electronic medical record data analysis, and international health care system comparisons
Ramzi W. Nahhas Ph.D. Professor	Education Center	Biostatistics, epidemiology, substance use, mental health, 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; qualitative methods; social epidemiology; systems thinking
Sydney Silverstein Ph.D. Assistant Professor	Education Center & CITAR	Medical anthropology, addiction & recovery, mental health, 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 2022 / Spring 2023)
 BIO 1080 Introduction to Public Health (Walusimbi [adjunct] – Fall 2022)
 BIO 4770 Epidemiology & Community Health (Walusimbi [adjunct] – Fall 2022 / Spring 2023)
 PPH 1080 Introduction to Public Health (Hinson-Enslin – Spring 2023)
 PPH 2000 Global Health (Redko, Smith [adjunct] – Fall 2022 / Spring 2023)
 PPH 2100 Climate Change and Health (Khalil – Fall 2022 / Spring 2023)
 PPH 2200 Disease Detectives (Hinson-Enslin [P], Crawford, Khalil, Paton) – Fall 2022)
 PPH 2300 Community Health Improvement (Silverstein – Spring 2023)

Baccalaureate Courses - Guest Lectures

BIO 1080 Introduction to Public Health (McAlearney, Paton, Silverstein – Fall 2022)
 BIO 4770 Epidemiology & Community Health (Crawford, Paton – Fall 2022 / Spring 2023)

Graduate Courses - Taught

ASM 7370 Aerospace Toxicology (Jarnot – Summer 2022)
 ASM 7571 Aerospace Skills for Healthcare Providers I (Jarnot – Summer 2022)
 ASM 7771 Fundamentals of Aerospace Medicine I (Jarnot – Fall 2022)
 ASM 7871 Space Medicine I (Jarnot – Spring 2023)
 FIN 7500 Financial Management of Health Service Organizations (Hogan [adjunct] – Fall 2022)
 PPH 6100 Biostatistics for Health Professionals (Crawford – Fall 2022)
 PPH 6400 Social & Behavioral Determinants of Health (Orłowski – Fall 2022)

PPH 7020 Public Health Epidemiology (Paton – Spring 2023)
 PPH 7030 Environmental Health (Khalil – Fall 2022)
 PPH 7050 Health Systems & Policy (McAlearney – Summer 2022 / Spring 2023)
 PPH 7150 Applied Epidemiology - Chronic Diseases (Crawford – Spring 2023)
 PPH 7160 Advanced Biostatistics for Health Professionals (Nahas – Spring 2023)
 PPH 7410 Community Assessment (Paton – Summer 2022)
 PPH 7420 Health Program Planning & Evaluation (Hinson-Enslin – Summer 2022)
 PPH 7430 Health Awareness and Advocacy Communication (Allen [adjunct] – Fall 2022)
 PPH 7440 Public Health Project Management (Kinzeler, Ford – Spring 2023)
 PPH 7510 Strategic Leadership in Health Care Organizations (Syron [adjunct] – Fall 2022;
 Walker [adjunct] – Spring 2023)
 PPH 7520 Problems in Population Health (Redko – Summer 2022)
 PPH 7640 Principles of Emergency Preparedness (Gladish – Summer 2022, Fall 2022)
 PPH 7650 Public Health Crisis & Consequence Management (Gladish – Spring 2023)
 PPH 7660 Public Health Terrorism Preparedness (Gladish – Fall 2022)
 PPH 7920 Public Health Epidemiology II (Nahas – Fall 2022)
 PPH 7980 Public Health Applied Practice Experience (Paton – Summer 2022/ Fall 2022/ Spring 2023)
 PPH 7990 Public Health Integrative Learning Experience I (Kinzeler – Fall 2022)
 PPH 7992 Public Health ILE Continued Credit (Kinzeler – Fall 2022)

Undergraduate Medical Education

Clinical Medicine/Upstream Medicine Guest Lectures (Hinson-Enslin, McAlearney)
 SMD 8130 Host and Defense Module Guest Lectures (Crawford)

Continuing Medical Education (grand rounds, seminars)

Guest Lecture for the Department of Psychiatry's Grand Rounds, Feb. & Apr. 2023 (Silverstein)
 Guest Lecture for the Department of Psychiatry's Resident Didactics (Nahas)
 Guest Lecture for the Department of Surgery, Surgical Critical Care Fellowship Conference Series
 (Crawford)
 Guest Lecture for the Dayton's Children Hospital Pediatric Residents DEI Curriculum Series, October
 2022 (Crawford)

5 Scholarly Activity

Funded grants

Crawford, T. N. (Co-PI) Wright OUTT (Opioid Use Treatment Training) Program Substance Abuse & Mental Health Services Administration (SAMHSA) (MPI: Gainer & Squibb), \$245,000, awarded 10/27/2022

Crawford, T. N. (Co-PI) Program Augmenting Resident Training for Needs in the Emotional Realm (PARTNER) (HRSA) (MPI: Reynolds & Hershberger), \$459,794, awarded 12/20/2022

Ford, J. A. (PI) Minority AIDS Initiative (MAI) - High Risk Populations "Reachable, Teachable, and Inclusive" (RTI) project, Substance Abuse & Mental Health Services Administration (SAMHSA), \$494,925, awarded 10/27/2022

- Ford, J. A. (PI)** Day-TREE, Substance Abuse & Mental Health Services Administration (SAMHSA), \$541,103, awarded 10/27/2022
- Ford, J. A. (PI)** The Offender Reentry Program, Substance Abuse & Mental Health Services Administration (SAMHSA), \$424,768, awarded 1/11/2023
- Kinzeler, N. (PI)** Evaluation of Montgomery County Juvenile Court, Programs Montgomery County Juvenile Court, \$28,350, awarded 8/16/2022
- Kinzeler, N. (PI)** Zero Suicide Montgomery County ADAMH Services Board, \$80,000, awarded 9/2/2022
- Kinzeler, N. (PI)** Program Evaluation for the Pickaway Addiction Action Coalition's (PAAC) Drug-Free Communities (DFC) Grant Pickaway County, \$12,500, awarded 12/6/2022
- Kinzeler, N. (PI)** Program Evaluation: Mitigation of Trauma-Related Mental Health Conditions Experienced by Black Youth through Policy Reform Alcohol, Drug Addiction & Mental Health Services Board of Montgomery County, \$59,096, awarded 12/14/2022
- Kinzeler, N. (PI)** SARDI Program Evaluation of SOR 2.0 NCE Project Ohio Department of Mental Health and Addiction Services, \$780,222, awarded 1/30/2023
- Silverstein, S. (PI)** Evaluating the decriminalization of non-prescribed buprenorphine in Rhode Island Hospital, \$33,684, awarded 1/24/2023
- Silverstein, S. (PI)** Evaluation of PHMDS Overdoes Prevention Grant Work, Public Health Dayton and Montgomery County 23-0109-A0001, \$15,000, awarded 4/13/2023

Funded contracts

- Ohio Government Research Center. Dhanraj (PI), 03/2023 – present. **Role: Nahhas, R. W.**, Biostatistician. The purpose of this project is to develop a regional quality improvement hub focused on improving coordination of care after delivery for improved hand-offs to postpartum visit providers and primary care providers during the first year after delivery, with the ultimate goal of reducing maternal mortality due to substance use, mental health, intimate partner violence, hypertension, and cardiovascular disease.
- Infant Mortality Education. 2022-2033. **Roles: Paton, S. (PI); Hinson-Enslin, A. M.**, Contract to education residents in Greene County Ohio on Infant Mortality, Breastfeeding, Fatherhood, and other maternal and child health issues.

Publications

Papers in refereed journals

- Bricker, D.A., **Crawford, T.N.**, Castle, A., Anderson, M., James, A. M., & Hershberger, P. J. (2023). PRESTO: Promoting Engagement for the Safe Tapering of Opioids. *Pain*. doi:10.1097/j.pain.0000000000002961. Online ahead of print.
- Crawford, T. N., Silverstein, S. M.**, Spaulding, T., Cheribin, D., Murray, T., Rivera, J., & Wilcher, K. (2022.) Exploring the Impact of Experiences with Everyday and Major Discrimination and HIV-Related Stigma on Engagement in HIV Care Among Older African Americans Living with HIV. *Journal of Racial & Ethnic Health Disparities*. doi:10.1007/s40615-022-01373-9. Epub ahead of print. PMID: 35876984.
- Daniulaityte, R., Ruhter, L., Juhascik, M., & **Silverstein, S.** (2023). Attitudes and experiences with fentanyl contamination of methamphetamine: Exploring self-reports and urine toxicology among persons who use methamphetamine and other drugs. *Harm Reduction Journal*, 20(1), 54.
- Daniulaityte, R., **Nahhas, R. W., Silverstein, S. M.**, Martins, S., & Carlson, R. G. (2023). Trajectories of non-prescribed buprenorphine and other opioid use: A multi-trajectory latent class growth analysis. *Journal of Substance Use and Addiction Treatment*, 208973.

- Embree, J. A., **Hinson-Enslin, A. M.**, Taylor, K., & **Wilson, J.** (2023). Psychometric properties of the Suicide Behaviors Questionnaire-Revised (SBQ-R) in American Sign Language. *Journal of American Deafness and Rehabilitation Association*, 55(2), 16-33.
- Espinoza, L. E., Talleff, J. L., **Hinson-Enslin A.**, & Du, C. (2022). The implications of gestational diabetes mellitus on U.S. pregnancy and birth outcomes. *Sociological Imagination*, 58(2), 40-48.
- Hall, L. A., Ridner, S. L., & **Crawford, T. N.** (2023). The Psychometric Properties of the World Health Organization Quality of Life-Brief Questionnaire in College Students. *Journal of Nursing Measurement*. JNM-2022-0062.R1. doi:10.1891/JNM-2022-0062. Online ahead of print.
- Hinson-Enslin, A. M.**, & McClintock, H. F. (2022). Hearing loss: Applying the Social-Ecological Model for Change. *Ohio Journal of Public Health*, 5(1), 20-29.
- Martín Brañas, M., **Silverstein, S. M.**, del Aguila Villacorta, M., Zárate Gómez, R., Núñez Pérez, C., Cándido Yumbato, A., ... & Rodríguez Romaní, R. (2022). Ticuna Ceramics amidst the Expansion of Illicit Coca: Rendering New Relations. *Tipiti: Journal of the Society for the Anthropology of Lowland South America*, 18(2), 220-240.
- McClintock, H. F., **Nahhas, R. W.**, & **Hinson-Enslin, A. M.** (2023). Cardiovascular disease and lifetime drug use among individuals with hearing and/or vision loss. *Journal of Substance Use*. <https://doi.org/10.1080/14659891.2023.2199860>
- Orlowski, M.**, Shermadou, S., Lee, M., **Hinson-Enslin, M.**, & **Nahhas, R. W.** (2022). Adolescent self-efficacy mediates the relationship between perceived parenting practices and fruit and vegetable consumption in the FLASHE study. *Health Education Journal*, 81(7). <https://doi.org/10.1177/00178969221125637>
- Silverstein, S. M.**, Rivera, J., Gainer, D., & Daniulaityte, R. (2023). 'Things that you can't really suppress': Adverse childhood experiences in the narratives of people with opioid use disorder. *SSM-Mental Health*, 100185.
- Silverstein, S. M.**, Jenkins, W., **Orlowski, M.**, & **Paton, S.** (2022). Pandemic response across Ohio's public universities: Novel approaches, emergent challenges, and future opportunities. *Journal of American College Health*, 1-10. <https://doi.org/10.1080/07448481.2022.2121923>
- Stead, K., Timoney, M. D., Benkendorf, P., Huber, M. & **Wilson, J. F.** (2023)..Using the Rickter Scale to measure genuine personal well-being: Case study. *The Rehabilitation Professional*, 31(2), 27-34.
- Walk, C. T., Nowak, R., Parikh, P. P., **Crawford, T. N.**, & Woods, R.J. (2023). Perception versus Reality: A Review of Narcotic Prescribing Habits After Common Laparoscopic Surgeries. *Journal of Surgical Research*, 283,188-193. doi:10.1016/j.jss.2022.10.049. Epub 2022 Nov 18. PMID:36410235.

Books, chapters, reviews

- Grassman, D., Katz, A., & **Wilson, J. F.** Identifying Soul Injury: A self-awareness inventory. In D'Aoust R, Rossiter A, eds. *Caring for Veterans and Their Families: A Guide for Nurses and Other Healthcare Professionals*. Burlington, MA: Jones and Bartlett, 2022, Chapter 21, pp. 375-386.

Published abstracts

- Daniulaityte, R., **Nahhas, R.W.**, & **Silverstein, S. M.** *Non-prescribed buprenorphine and reduction in illicit opioids use among individuals with opioid use disorder: a longitudinal study*. Poster presented at the Lisbon Addictions Conference, Lisbon, Portugal, November 23-25, 2022.
- Sweeney, K., **Nahhas, R. W.**, **Silverstein, S.M.**, Mun, C. J., & Daniulaityte, R. *Psychosocial and Drug Use Characteristics in Persons with Opioid Use Disorder and Chronic Pain*. Poster presented at the College on Problems of Drug Dependence Annual Meeting, Denver, CO, June 19, 2023.

Significant presentations

- Alexander, M., Ciaramitaro, C., Gainer, D., & **Silverstein, S. M.** *Characterizing treatment barriers and opportunities at the nexus of opioid use disorder and incarceration: A qualitative study.* Poster presented at the American Psychiatric Association Annual Meeting, San Francisco, CA, May 20-24, 2023.
- Ciaramitaro, C., Alexander, M., Gainer, D., & **Silverstein, S. M.** *Perceived stigma and discrimination in the emergency department amongst those with opioid use disorder: A qualitative study.* Poster presented at the American Psychiatric Association Annual Meeting, San Francisco, CA, May 20-24, 2023.
- Crawford, T. N.** *Exploring the Impact of Stigma and Discrimination on Engagement in HIV Care.* Substance Use TT Virtual Meeting. Arizona State University, April 2023.
- Daniulaityte, R., Ruhter, L., Juhascik, M., & **Silverstein, S. M.** *How Common is Fentanyl Contamination of Methamphetamine? Attitudes, Self-Reported Exposures, and Toxicology Data From Persons who Use Methamphetamine?* Poster presented at the College on Problems of Drug Dependence Annual Meeting, Denver, CO, June 18-23, 2023.
- Edstrom, S., Beich, J., **Nahhas, R.**, & Gainer, D. *Studying the rates of burnout among medical students after participation in a mindfulness group and virtual reality augmentation.* Society of Uniformed Services Psychiatrists Annual Research Competition, May 19, 2023.
- Gainer, D., Merrill, B., & **Silverstein, S. M.** *Harm Reduction: Theory, Practice, and Clinical Applications.* OneFifteen Learning Institute, July 13, 2022.
- Gainer, D., **Nahhas, R.**, Gentile, J., McCormack, J., Hatesohl, M., Shameem, S., Luft, M., & Harrington, M. *Relationship between Obesity and IDD in an Ohio Telepsychiatry Clinic: A Retrospective Review.* Poster presented at the Boonshoft School of Medicine Research Symposium, Wright State University, Dayton, OH, April 13, 2023.
- Hinson-Enslin, A. M.** *The process of investigating COVID-19 vaccine behaviors among deaf American Sign Language users.* Presented at the Boonshoft School of Medicine Research Symposium, Dayton, Ohio, April 13, 2023.
- Hinson-Enslin, A.M.** *Practical methods to promote well-being in the classroom.* Online presentation for the Strategic Ohio Council for Higher Education's Lunch and Learn, April 2023.
- Hinson-Enslin, A.M.** *Navigating the metaverse: Incorporating cognitive wrappers to enhance metacognition.* Presented at the Center for Faculty Excellence Teaching for Student Success Symposium, Wright State University, Dayton, Ohio, August 2022.
- Hinson-Enslin, A. M.**, Cai, S. Marrin, A. P., Idrees, A., & James, A. *Assessing readability of online resources about depression.* Poster presented at the Boonshoft School of Medicine Research Symposium, Dayton, Ohio, April 13, 2023.
- Hinson-Enslin, A. M.**, & Espinoza, L. E. *The mental health symptoms of persons with vision and hearing disabilities and the association with COVID-19 vaccination distrust among US adults.* Presented at the American Public Health Association, Boston, MA, November 2022.
- Hodges, F., Hughes, C., **Paton, S.**, **Crawford, T.**, & Dhanaraj, D. *Application of the Healthy Migrant Theory to Maternal Morbidity and Mortality Data in Ohio.* Poster presented at DAGMEC, Virtual. Dayton, OH, May 2023.
- Larsen, K. M., **Silverstein, S. M.**, Hassan, S., Mack, N., & Perdue, T. *Barriers to Recovery Following an Overdose: A Qualitative Study.* Poster presented at the American Society for Addiction Medicine Annual Meeting, Washington, DC, March 13-16, 2023.
- Rivera, J. K., **Silverstein, S. M.**, & Gainer, D. *A qualitative study on the trajectories of people with OUD after incarceration.* Poster presented at the American Society for Addiction Medicine Annual Meeting, Washington, DC, March 13-16, 2023.

Shameem, S., Harrington, M., Luft, M., **Nahhas, R.**, Hatesohl, M., Gentile, J., & Gainer, D. *Relationship between Obesity and IDD in an Ohio Telepsychiatry Clinic: A Retrospective Review*. Ohio Psychiatric Physicians Association, April 2023. (Won 2nd place prize)

Silverstein, S. M. *Turning Out: Heritability and Intergenerational Drug Use*. Paper presented at the American Anthropological Association Annual Meeting, Seattle, WA, November 2022.

Silverstein, S. M. & Gonnella, J.G. *Recovery Outreach and Peer Support Amid the "Fourth Wave" of the Overdose Crisis*. Invited virtual presentation, Cocaine, Meth, and Stimulant Summit, November 2-4, 2022.

Silverstein, S. M., Rivera, J., Gainer, D., & Daniulaityte, R. *Needles & Kin: Intergenerational Drug Use and Social Reproduction*. Paper presented at the Society for the Study of Social Problems Annual Meeting, Los Angeles, CA, August 2022.

Silverstein, S. M., Perdue, T., Baluran, D., Ejuan, K., Larsen, K., Mack, N., & Hassan, R. *The role of law enforcement officers in overdose response: Insights from a qualitative study with people who use drugs and law enforcement officers*. Poster presented at the College on Problems of Drug Dependence Annual Meeting, Denver, CO, June 18-23, 2023.

Timmons, P., **Silverstein, S.M.**, & Daniulaityte, R. *Correlates of Methamphetamine Use for Self-Treatment of Attention Deficit/Hyperactivity Disorder*. Poster presented at the College on Problems of Drug Dependence Annual Meeting, Denver, CO, June 18-23, 2023.

Wilcher, K., Spaulding, T., Cheribin, D., & **Crawford, T. N.** *Engagement with Healthcare Providers and the Relationships among HIV-Related Stigma, Discrimination, and Engagement in HIV Care among Older African Americans Living with HIV in Ohio*. Poster presented at the BSOM Research Symposium, Dayton, OH, April 13, 2023.

Other recognition

Hinson-Enslin, A. M. Abstract Reviewer – American Public Health Associations Annual Session (Spring 2023)

Khalil, N. Grant Reviewer – US Department of Defense

Nahhas, R. W. Abstract Reviewer - Epidemiology Section, American Public Health Association 2022 Annual Meeting

Nahhas, R. W. Poster Judge, BSOM Research Symposium, April 13, 2023

Orlowski, M. External Reviewer – *Improving Public Health Data Systems to Address Health Equity Challenges for At-Risk Communities in the U.S. Gulf Coast – Cycle 2*. National Academies of Sciences, Engineering, and Medicine

Silverstein, S. M. Keynote Speaker, Graduate Students Association Anthropology speaker series in visual anthropology. The Ohio State University, February 2, 2023.

Wilson, J. External Reviewer - *Nursing and Health Care: Perspectives on Community*

Wilson, J. Grant Reviewer – National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)

Wilson, J. Public Health Service Consultant – National Institutes of Health

Wilson, J. Research Consultant – Kettering Neuroscience Institute, Kettering, OH

Panels

Hinson-Enslin, A. M., Perez, V., Wilson, M. A., & Hemendinger, E. *Online teaching tools and tricks discussion [panel]*. American Public Health Association: Public Health Education and Health Promotion, Online, August 2022.

Njoku, A., Kirk, B., Shaffran, M., **Hinson-Enslin, A.**, Battle, A., & Dahn, E. *So You Say You Want to Network* [panel]. American Public Health Association: Public Health Education and Health Promotion, Online, January 2023.

Conference Abstract Reviews

Crawford, T.N. – Society of Epidemiologic Research

Editorial Review Boards

Crawford, T. N. – *Aids and Behavior; Journal of American Board of Family Medicine*

Hinson-Enslin, A. M. – *Ohio Journal of Public Health*

Wilson, J. – *Journal of Family Medicine & Community Health*

Journal Manuscript Reviews

Crawford, T. N. - *Clinical Gerontologist; Research in Nursing and Health; Journal of Racial and Ethnic Health Disparities; Journal of Immigrant and Minority Health; Medical Education Online; Journal of Gay and Lesbian Mental Health; Journal of Healthcare for the Poor and Underserved; Journal of Clinical and Translational Science; Journal of the American Board of Family Medicine; PLOS One*

Hinson-Enslin, A. M.– *Ohio Journal of Public Health*

Khalil, N. – *Environmental Health Perspectives*

McAlearney, J. – *Journal of Health Care for the Poor and Underserved*

Nahas, R. W – *International Journal of Environmental Research and Public Health*

Orlowski, M. - *Workplace Health & Safety*

Wilson, J. - *Journal of Applied Rehabilitation Counseling, Journal of Gambling Studies, Educational Psychology, Child Abuse & Neglect*

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. Students in PPH 7410 Community Assessment completed windshield surveys for Dayton Children’s and Champaign-Urbana Public Health, as well as a Forces of Change Assessment for Champaign-Urbana PH (analysis of focus groups for their Community Health Improvement Plan).

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

Summer 2022

Independent Capstone Project

Ali Mehnaaz - *Does the Impact of Arthritis on Participation in Social Activity Vary by Depression?*
(Chair – Crawford)

Fall 2022

Independent Capstone Projects

Nancy Sullivan – *The Association of Race/Ethnicity and Social Determinants of Health with Cancer-Related Disparities in the U.S.* (Chair – Crawford)

Course Capstone Project – Public Health Epidemiology II

Micah Rejcek - *Depression and Burnout: A Survey of Wellness in Family Medicine Residents 2019-2022* (Chair – Nahhas)

Isaac Yourison – *Pediatric injuries by age, gender, and race in Dayton, Ohio: Cross-sectional study CY2019* (Chair – Nahhas)

Spring 2023

Independent Capstone Projects

Nicole Carter - *Advancing Health Equity for BIPOC Women by Transforming Provider Education* (Chair – Hinson-Enslin)

Cassidy Hughes Lubanski - *Applying Health Migrant Theory to Maternal Morbidity in Ohio: The Impact of Nationality on Maternal Outcomes among Black Mothers* (Chair – Paton)

Chidimma Nnagbo – *Infant Mortality Needs Assessment for Fairborn, Ohio* (Co-Chairs – Paton, Hinson-Enslin)

Course Capstone Projects – Applied Epidemiology

Noel Colls - *Effects of Retirement on Incidence of Depression* (Chair – Crawford)

Ahmed Elnaggar – *The Impact of Wellbeing on Medication Adherence among Older African Americans Living with HIV in Ohio* (Chair – Crawford)

Alexander Haley - *The Association Between Nonclinical Use of Classical Psychedelics and MDMA, Recovery from Mental Illness, and Substance Use Disorders in a Nationally-Representative Sample* (Chair – Crawford)

Shana Hirchert - *Implications of Childhood Adversity and Adult PTSD Symptoms and Coping Mechanisms in a Military Population; A Gendered Evaluation* (Chair – Crawford)

Meha Joshi - *The Impact of Caregiver Burden-Associated Risk Factors in Black Versus White Dementia Caregivers* (Chair – Crawford)

Alexis Marrin - *Outcomes of Traumatic Intracranial Hemorrhage in Patients with Chronic Hypertension* (Chair – Crawford)

Tabitha Martin - *Cross-Sectional Analysis on the Association Between Frequency of Fried Potatoes Consumed and Depression Using BRFSS 2021 Survey Data* (Chair – Crawford)

Teran Mickens - *Sexual Education Comprehensiveness as a Protective Factor Against Perceived Bullying for High-school LGBTQIA+ Students in the Midwest* (Chair – Crawford)

Dane Newell - *Does Sex Modify the Effect of Childhood Trauma on Suicide Attempts in the Active-Duty Population?* (Chair – Crawford)

Clifford Nolt - *VA Disability of Combat, Non-Combat and National Guard/Reserve Veterans, NHIS Survey 2021* (Chair – Crawford)

Monica Pierce-Wysong – *Analysis of Individual Walkability Factors and Association with Diabetes: Analysis of NHIS 2020 Data* (Chair – Crawford)

David Smith – *Mental Health Outcomes among Rural/Urban Veterans from 2019– 2021. Did the VA MISSION Act of 2018 have a Measurable Effect?* (Chair – Crawford)

Savannah Stein – *Cross-Sectional Analysis of the Association Between Hysterectomy and Memory Loss and the Role of Depressive Disorders using 2021 BRFSS Data* (Chair – Crawford)

Dylan Wiechart – *Does Age Modify the Effect of Smoking on Asthma Prevalence Among Sexual Minority Individuals?* (Chair – Crawford)

Matthew Zuzolo - *Secondary Analysis of 2021 BRFSS to Explicate the Relationship between Diabetes and Other Common Chronic Conditions* (Chair – Crawford)

Course Capstone Project – Advanced Biostatistics

Bansari Kheni - *Adverse Childhood Experiences (ACEs) and their Correlation with Adult Mental Health in Ohio* (Chair – Nahhas)

Joshua Lassen - *The Seasonality of Northeastern vs. Southeastern State Differences in Lyme Disease Prevalence* (Chair – Nahhas)

Course Capstone Projects – Public Health Project Management

Matthew Fisher - *Dayton Ends Electronic Cigarettes on Campus (DEECC)* (Co-chairs – Kinzeler & Ford)

Lea Kelly - *Doula Up for Better Birth Outcomes* (Co-chairs – Kinzeler & Ford)

Carrie Yeager - *Middletown Urban Gardens (MUGS)* (Co-chairs – Kinzeler & Ford)

Committee Membership

Department of Population & Public Health Sciences

CITAR Director Faculty Search Committee: Crawford, Gainer, Kinzeler, Nahhas (Chair), Silverstein
Curriculum Committee: Crawford, Gladish, Hinson-Enslin, Jarnot, Khalil, Kinzeler, McAlearney (Chair), Nahhas, Orlowski, Paton, Redko

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

M.P.H. Awards & Recognition Committee: Crawford, Orlowski (Chair), Paton, Redko

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

M.P.H. Scholarship Committee: McAlearney, Orlowski, Paton

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

Undergraduate Public Health Advisory Board: Orlowski, Hinson-Enslin, Paton, Redko

Boonshoft School of Medicine School of Medicine

Bylaws Committee: Crawford, Nahhas

Continuing Medical Education Committee: Paton

Core Oversight Committee: Redko

Diversity, Equity, and Inclusion Committee: Hinson-Enslin

Executive Committee: Orlowski

Faculty and Promotions Committee: Nahhas

Faculty Curriculum Committee: Orlowski

Liaison Committee on Medical Education (LCME): Crawford

Sisterline Grant Advisory Board: Crawford

Student Promotion: Crawford

Wright State University

Graduate Academic Policies Committee: McAlearney

Graduate Student Affairs Committee: Crawford

Information Technology Committee: Nahhas

Library Faculty Advisory Board: Hinson-Enslin (Co-Chair)

Mental Health Task Force: Orlowski

Undergraduate Academics Policy Committee: Hinson-Enslin

Undergraduate Curriculum Committee: Gladish

Undergraduate Petitions Committee: Paton

Undergraduate Student Success: Orłowski

State/Local

Association of Health Commissioners, Southwest Region: Paton

Dayton Metropolitan Medical Response System, Steering Committee: Paton

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 & 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 Human Services Levy Council: Orłowski

Ohio Alliance for Innovation in Public Health, Executive Team: 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: Orłowski

PHDMC, COAT, Criminal Justice Branch: Silverstein (Branch Lead); Steering Committee & Data Committees: Paton

PHDMC, Ethics Committee –Nahhas

PHDMC LGBTQ Health Alliance – Wellness and Wellbeing Taskforce: Crawford (Co-chair)

PHDMC, Research Review Committee: Khalil, Silverstein

United Way of Montgomery County: Paton

National/International

American Public Health Association

- Epidemiology Section: Nahhas

- PHEHP, Learning and Professional Development Committee: Hinson-Enslin

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

- Academic Affairs: Orłowski

- 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: Orłowski (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., Div. Board for CHES: Orlowski
National Commission for Health Education Credentialing, Inc., Nominations Committee: Orlowski
Society for Epidemiologic Research, Diversity and Inclusion and Membership Committees: Crawford
Society for Visual Anthropology, Board: Silverstein

7 Honors and Awards

Faculty Awards

WSU Excellence in Grantsmanship – Jo Ann Ford, Nicole Kinzeler, Josephine Wilson

Undergraduate Student Awards

- Dorothy Ward Hayes Scholar – Allyson Whittaker
- Undergraduate Oral Presentation, CoSM Festival of Research: Third Place – Jose Marshall
- Undergraduate Top Scholar – Kyah Rowley

Graduate Student Honors/Awards

- M.P.H. Distinguished Graduate Student Award – Alexis Marrin
- M.P.H. Student Excellence Award, Capstone – Meha Joshi, Joshua Lassen, Savannah Stein
- M.P.H. Student Excellence Award, Champion – Wendy Owen
- M.P.H. Student Excellence Award, Epidemiology & Biostatistics – Alexander Haley
- M.P.H. Student Excellence Award, Health Promotion & Education – Lea Kelty
- Delta Omega Gamma Alpha Inductees – Alexander Haley, Joshua Lassen, Wendy Owen, Nancy Sullivan

Graduate Student Scholarship Awards

- Boonshoft Public Health Workforce Scholarship – Katie Burwinkel, Andrew Evans, Matthew Fisher, Lea Kelty, Jeniece Lyons, Wendy Owen, Emily Warren-Tyler, Carrie Yeager
- Graduate Tuition Scholarship – Yaseen Ikramuddin, Jessica Rehtorovic, Breanna Sims, Meha Joshi
- Physician Leadership Development Program Scholarship – Meha Joshi, Teran Mickens
- John D. and Gretchen H. Bullock Endowed Public Health/Medicine Award – Kyle Henneke, M.D., M.P.H.

8 Hosted Events

Awareness & Outreach

- Nine M.P.H. Virtual Open Houses were held. These events highlighted the WSU M.P.H. program to anyone exploring graduate degree options, at any stage in the application process. Also participated in the in-person Graduate Open House event in February.
- Delta Omega Days of Service. Faculty, staff, and students participated in several events sponsored by our DO Chapter. These included two events at Five Rivers MetroParks' Make

a Difference Day in October 2022 and Earth Day in April 2023. Faculty and staff participated in packing food boxes for after school backpacks at the Dayton Food Bank in April 2023.

- Public Health Night at the WSU Men's Basketball home game on November 9, 2022, provided an opportunity for public health faculty, staff, students, and alumni to gather and socialize.
- Booths/tables were set up during WSU Fall Fest (Sep. 2022) and April Craze (Apr. 2023) to promote public health to students.

Career Development

- Opportunities for a professional headshot were offered to graduate students in Feb. 2023.
- Public Health Careers 101 was held in person during National Public Health Week on April 6, 2023. Provost Amy Thompson provided opening remarks. M.P.H. alumni Erik Balster, Matt Clayton, Fabrice Juin, Roopsi Narayan, and Casey Smith served on the panel; MD/MPH current student, Alexis Marrin, served as the moderator.

Student Recognition

- M.P.H. Course Capstone Poster/Oral Presentations were held on April 26, 2023, highlighting the accomplishments of WSU M.P.H. students as they presented their final projects to faculty and fellow students.
- M.P.H. Graduate Recognition Ceremony held on April 26, 2023, highlighted M.P.H. graduates from Fall 2022, Spring 2023, and Summer 2023. M.P.H. faculty, staff, and graduates, along with their families and friends attended.

9

Other Information

- T. Crawford - DAGMEC Virginia C. Woods Resident Research Forum Poster Judge (2023)
- N. Khalil – College of Nursing and Public Health, Adelphi University, NY, external reviewer for promotion to Associate Professor
- 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