



Department of Population and Public Health Sciences

Annual Report

July 1, 2019 – June 30, 2020

Marietta Orłowski, Ph.D., MCHES, CPH
Chair

1 Statement from the Chair

Faculty and staff are the foundation of our education and research successes. This year, we welcomed two new members to our team and welcomed-back two former colleagues.

Amanda Hinson-Enslin, Ph.D., M.P.H. was hired as an assistant professor in health promotion and education and Camille Edwards, M.P.H. joined as the director of public health workforce and community engagement and will guide the department's expansion of workforce development and alumni engagement activities. The department also welcomed back biostatistics Professor Ramzi Nahhas, Ph.D. and Sheri Gladish, M.D., an assistant professor in aerospace medicine.

We also celebrated the retirements of three senior faculty – Drs. Robert Carlson, Sharon Sherlock, and Mary White. Their wealth of experience and knowledge will be missed.

Academics

Faculty and staff of the education center offer the Master of Public Health degree along with six certificate programs. Forty M.P.H. students, including one dual degree student (M.D./M.P.H.), enrolled during the 2019-2020 academic year. The program generated 784 graduate credit hours and graduated 20 M.P.H. students. The department also implemented new recruitment strategies including virtual open house events and the Boonshoft Public Health Workforce Scholarship for employees of local public health departments.

A major accomplishment of the education center faculty and staff was the accreditation of the Master of Public Health program by the Council on Education for Public Health (CEPH). Over 10 community partners, 14 alumni, and 13 students participated in the successful site visit.

As a result of the COVID-19 pandemic, classes and operations were moved into remote delivery modes in March. The department held a virtual graduation recognition ceremony and created a video to celebrate our M.P.H. students' accomplishments. Both faculty and students eagerly await the time when they can celebrate these accomplishments in person.

Research

The department's research centers conducted work related to substance use, behavioral health, and disabilities. The faculty and staff of these centers directed 13 grants totaling over \$2.6 million in annual expenses. The research teams made 21 national, state, and local presentations. Research faculty also took more active roles in the education center including co-teaching courses and supervising student research capstones.

Looking forward, the department's vision is to be recognized as the leader of population and public health initiatives within the university and across southwest Ohio. Goals for the upcoming year include rebuilding research efforts through new partnerships and mentoring junior faculty, expanding public health education programs, and expanding workforce and community engagement activities.

2 Divisions/ Programs

Name of Division or Program	Director	Dates
Education Center		
Aerospace Medicine Certificate	Thomas Jarnot M.D., M.S.	2019 – Present
Emergency Public Health Certificate	Mark Gebhart M.D.	2016 – Present
Epidemiology Certificate	Sara Paton Ph.D.	2018 – Present
Global Health Certificate	Cristina Redko Ph.D.	2015 – 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)	Robert Carlson Ph.D.	2004 – 2020
Reach Out of Montgomery County	Sharon Sherlock D.H.A., M.S.A., B.S.N., RN	1998 - 2019
Substance Abuse Resources and Disability Issues (SARDI)	Jo Ann Ford M.R.C.	2018 – Present

3 Fully Affiliated Faculty

Name and Academic Position	Center Affiliation	Research Interests
Timothy N. Crawford Ph.D., M.P.H. Assistant Professor	Education Center	HIV & Aging; HIV engagement in care; HIV and stigma; multi-morbidity patterns; LGBT health; Analysis of existing data; Mediation Analyses
Raminta Daniulaityte Ph.D. Associate Professor	CITAR	Substance use epidemiology; opioid use disorders and health-related risks; emerging cannabis use practices and trends; social determinants of health; mixed methods research and trans-disciplinary research; web-based research methods; social media data analytics for public health surveillance
Jo Ann Ford M.R.C. Instructor	SARDI	Women with disabilities, including substance abuse, violence issues, & advocacy
Mark E. Gebhart M.D. Associate Professor	Education Center	Emergency public health; disaster medicine; zoonotic disease; Global One Health; emergency medical services; military public health
Sheri Gladish M.D., Assistant Professor	Education Center	Undergraduate science education; environmental medicine; human factors in multiple environments
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

Name and Academic Position	Center Affiliation	Research Interests
Nicole Kinzeler Ph.D. Assistant Professor	Education Center & SARDI	Program evaluation; substance use education and treatment; HIV prevention; disability
Ramzi W. Nahhas Ph.D. Professor	Education Center	Biostatistics, epidemiology, longitudinal data analysis, substance use, psychiatry, public health
Marietta Orłowski Ph.D., MCHES, CPH Associate Professor	Education Center	Risk reduction in children and adolescents; building capacity for community-based program evaluation; theoretical framework of public health programs and policy
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. Research Assistant Professor	CITAR	Substance use & treatment; recovery; cultural anthropology; medical anthropology; visual anthropology & visual research methods Collaborative research; Peru/Amazonia; Midwestern US
Mary T. White M.Div., Ed.M., Ph.D. Professor	Education Center	Global health humanities; global palliative care; empathy; addictions and ethics
Josephine Wilson D.D.S., Ph.D. Professor	SARDI	Substance abuse in the deaf and hard of hearing community; Mental health, substance abuse, and career related assessments in American Sign Language

4 Teaching

Baccalaureate Courses - Taught

ASM 1717 Humans and Machines at Extremes (Gladish)

BIO 4030 Health Care Ethics (White)

PPH 2000 Global Health (Redko)

PPH 2100 Climate Change and Health (Khalil)

Baccalaureate Courses - Guest Lectures

BIO 1080 Introduction to Public Health (McAlearney, Paton, Silverstein)

BIO 2100 Orientation Seminar in Biological Sciences (Khalil)

EES 4720 Epidemiology & Community Health (Khalil, Paton)

Graduate Courses - Taught

ASM 7370 Aerospace Toxicology (Jarnot)

ASM 7571 Aerospace Skills for Healthcare Providers I (Jarnot)

ASM 7771 Fundamentals of Aerospace Medicine I (Jarnot)

ASM 7871 Space Medicine I (Jarnot)

FIN 7500 Financial Management of Health Service Organizations (Adjunct- Hogan)

PPH 6100 Biostatistics for Health Professionals (Crawford)
 PPH 6200 Public Health Epidemiology (Nahhas, Paton)
 PPH 6300 Environmental Health (Khalil)
 PPH 6400 Social & Behavioral Determinants of Health (Orlowski)
 PPH 6500 Health Resource Management & Policy (McAlearney)
 PPH 7150 Applied Epidemiology (Chronic Diseases) (Crawford)
 PPH 7170/7920 Public Health Epidemiology II (Khalil)
 PPH 7410 Community Assessment (Paton)
 PPH 7420 Health Program Planning & Evaluation (Hinson-Enslin)
 PPH 7430 Health Awareness and Advocacy Communication (Adjunct – Saunders)
 PPH 7440/7920 Public Health Project Management (Hinson-Enslin)
 PPH 7510 Strategic Leadership in Health Care Organizations (Adjuncts – Syron, Miller)
 PPH 7520 Problems in Population Health (Paton, Redko)
 PPH 7640 Principles of Emergency Preparedness (Gebhart)
 PPH 7650 Public Health Crisis & Consequence Management (Gebhart)
 PPH 7660 Public Health Terrorism Preparedness (Gebhart)
 PPH 7920 Applied Statistics Practicum (Crawford)
 PPH 8110 Public Health Applied Practice Experience (Paton)
 PPH 8210 Public Health Integrative Learning Experience I (Paton, Kinzeler)
 PPH 8220 Public Health Integrative Learning Experience II (Paton, Kinzeler)
 PPH 8230 Public Health ILE Continued Credit (Paton, Kinzeler)

Thesis & Dissertation Committees

Christiana Draper, M.D./Ph.D. dissertation committee, Wright State University: White
 Dan Baker, Ph.D. dissertation committee, University of South Florida: Paton

Undergraduate Medical Education

Host and Defense Module Guest Lectures (Crawford)
 M1 Elective: Global Health Foundations I (White, co-course director)
 M2 Elective: Global Health Foundations II (White, co-course director)
 M3 Third Year Clerkships (White):
 OB/GYN ethics conference
 Family Medicine SP experience, End-of-life communication debrief
 Doctoring Sessions: Race in US Medicine; Medical Errors, Addictions
 M4 Electives (White):

- PPH 806 Literature and Medicine
- PPH 813 Future Directions in Global Health
- SMD 806 IHI Open School Basic Certificate in Quality and Safety
- SMD 818 Addictions and Pain Management
- Clinical Trials Research Elective

Upstream Medicine: Capstone Assessments (Multiple faculty)

Continuing Medical Education (grand rounds, seminars)

Guest Lecture for the Department of Surgery's Residents (Introduction to Biostatistics – Crawford)

5 Scholarly Activity

Funded Contracts

LHD/WSU CHA Collaboration Project. **Paton, S. (Co-I)**, 2017-2019, \$13,727. The primary objective of this project is to develop a regional Community Health Assessment (CHA) that will serve to coordinating local health departments (LHDs) and the hospitals systems.

Funded Grants

DHHS, Agency for Healthcare Research and Quality (AHRQ): Real Time Assessment of Dialogue in Motivational Interviewing Training (ReadMI). Hershberger, P., Bricker, D., **Crawford, T. N. (\$5,605)**, **Wilson, J. (\$2,835)**, & Yong, P. (Co-Is). (8/1/2019–7/30/2022). Total FY20 \$174,994

DHHS, Administration for Community Living: Virtual Office Space (VOS) - Improving Employment Opportunities for Individuals. **Wilson, J. (PI)**. (9/29/2019-9/30/2020). **Total FY \$199,767** (Direct: \$158,545; Indirect: \$41,222)

DHHS, Health Resources and Services Administration (HRSA): Accelerating Primary Care Transformation at Wright State (ACT-Wright). Binder, S. B. (PI); **Crawford, T. N. (Co-I: \$9,645)**. (2016 – 2021). Total FY20 \$498,823

DHHS, National Institute on Drug Abuse: Crystal in the Gem City - Characterizing a Methamphetamine Outbreak in the Area of a High Prevalence of Illicit Fentanyl Use. **Daniulaityte, R. (PI)**; **Silverstein, S. (Contract PI & Ethnographer)**. (3/1/2019-2/28/2021). Total FY20 \$227,814 (Direct: \$151,876; Indirect: \$75,938)

DHHS, National Institutes of Health / National Institute on Drug Abuse (NIH/NIDA): A Natural History Study of Buprenorphine Diversion, Self-Treatment, and Use of Drug Abuse Treatment Services. **Daniulaityte, R. (PI) & Carlson, R. (Co-I)**; **Nahhas, R. (Co-Investigator (through March 2020), Principal Investigator (March 2020 – April 2021))**; **Crawford, T. N. (Co-I)**. 07/15/2016 – 04/30/2021

DHHS, Substance Abuse and Mental Health Services Administration: Day-TREE. **Ford, J. A. (PI)**. (9/30/2018-9/29/2023). **Total FY20 \$520,492** (Direct: \$413,088; Indirect: \$107,404)

DHHS, Substance Abuse and Mental Health Services Administration: The Offender Reentry Program. **Ford, J. A. (PI)**. (9/30/2018-9/29/2023). **Total FY20 \$424,945** (Direct: \$348,929; Indirect: \$76,016)

DHHS, Substance Abuse and Mental Health Services Administration: Peer Movement Project (PMP). **Kinzeler, N. (PI)**. (9/30/2016-9/30/2021). **Total FY20 \$234,598** (Direct: \$189,903; Indirect: \$44,695).

DHHS, Substance Abuse and Mental Health Services Administration: Wright MAT. Hershberger, P. & **Crawford, T. N. (Co-Is: \$9,213)**. (9/30/2019-9/29/2022). Total FY20 \$149,993 (Direct: \$138,882; Indirect: \$11,111)

Dayton Police Department (DOD): Mental Health Awareness Training Grant. **Kinzeler, N. (PI)**. (10/28/2019-10/01/2021). **Total FY20 \$24,975** (Direct: \$23,125; Indirect: \$1,850)

Montgomery County ADAMH Services Board: Project Save Evaluation. **Kinzeler, N. & Paton, S. (Co-Is)**. (10/19/2019-9/29/2020). **Total FY20 \$35,000** (Direct: \$25,547; Indirect: \$9,453)

Montgomery County ADAMH Services Board: The Warriors Supporting Wellness (WSW) Project. **Kinzeler, N. (PI)**. (10/1/2019-9/29/2021). **Total FY20 \$25,000** (Direct: \$23,148; Indirect: \$1,852)

Montgomery County Juvenile Court: Evaluation Services for Montgomery County Juvenile Court. **Kinzeler, N. (PI)**. (7/1/2019-6/30/2020). **Total FY20 \$28,350** (Direct: \$22,500; Indirect: \$5,850)

Mt. Olive Baptist Church: 2918-2021 SAMHSA-funded MHAT Evaluation. **Kinzeler, N. (PI)**. (11/30/2018-11/29/2021). **Total FY20 \$37,500** (Direct: \$34,722; Indirect: \$2,778)

Ohio Department of Higher Education, Third Frontier: Promoting Engagement for Safe Tapering of Opioids (PRESTO). Hershberger, P., Bricker, D., & **Crawford, T. N. (\$7,779)** (Co-Is). (2019–2021). Total FY20 \$181,847.

Ohio Department of Mental Health and Addiction Services: GPRA Training, Data Collection and Reporting for the Ohio State Opioid Response (SOR) Project. **Kinzeler, N. (PI)**. (9/30/2019-9/29/2020). **Total FY20 \$738,521** (Direct: \$586,128; Indirect: \$152,393)

Ohio Department of Mental Health and Addiction Services: GPRA Training, Data Collection, and Reporting for the Ohio Medication Assisted Treatment - Prescription Drug and Opioid Addiction (Ohio MAT PDOA) Project. **Kinzeler, N. (PI)**. (9/30/2019-9/29/2020). **Total FY20 \$153,071** (Direct: \$121,485; Indirect: \$31,586)

Ohio State University, Centers of Medicare and Medicaid Services: An Interactive Game for Cultural Proficiency Training Featuring Virtual Reality Immersion (IGCPT). Hershberger, P., Yong, P., Binder, S. B., **Crawford, T. N. (\$18,352)**, Wischgoll, T., & Pavlack, T. A. (Co-Is). (2018-2020). Total FY20 \$399,465

University of Cincinnati: Optimizing HEALing in Ohio Communities (OHIO). **Daniulaityte, R. (PI)** (4/17/2019-3/30/2020). **Total FY20 \$28,419** (Direct: \$18,946; Indirect: \$9,473)

Published Papers

Ahmad, O., **Crawford, T. N.**, & Myint, T. (2020). Comparing the outcomes of ceftriaxone plus vancomycin or daptomycin combination therapy versus monotherapy in adults with complicated and prolonged methicillin-resistant staphylococcus aureus bacteremia initially treated with supplemental ceftaroline. *Infectious Disease Therapy*, 9(1), 77-87.

Carlson, R. G., Daniulaityte, R., **Silverstein, S. M.**, **Nahhas, R. W.**, & Martins, S. (2020) Unintentional drug overdose: Is more frequent use of non-prescribed buprenorphine associated with lower risk of overdose? *International Journal of Drug Policy*, 79. doi:10.1016/j.drugpo.2020.102722

Crawford, T. N., & Thornton, A. (2019). Examining multimorbidity as a moderating effect on the relationship between substance use and viral suppression among people living with HIV. *Open Forum Infectious Diseases*, 6(S2), S476-S476.

Daniulaityte, R., **Nahhas, R. W.**, **Silverstein, S. M.**, Martins, S., Zaragoza, A., Moeller, A., & **Carlson, R. G.** (2019). Patterns of non-prescribed buprenorphine and other opioid use among individuals with opioid use disorder: A latent class analysis. *Drug and Alcohol Dependence*, 204. doi:10.1016/j.drugaldep.2019.107574

Daniulaityte, R., **Silverstein, S. M.**, **Crawford, T. N.**, Martins, S., Zule, W. & **Carlson, R. G.** (2020). Methamphetamine use and its correlates among individuals with opioid use disorder in a Midwestern city. *Substance Use and Misuse* [Online]. doi:10.1080/10826084.2020.1765805

Harris, L. M., **Crawford, T. N.**, Kerr, J., Thomas, T., & Schmidt, V. (2020). African American older adults living with HIV: Exploring stress, stigma, and engagement in HIV care. *Journal of Health Care for the Poor and Underserved*. PMID: 32037331 doi:10.1353/hpu.2020.0022

Heinle, B., **Crawford, T. N.**, Paton, S. J., & Khalil, N. (2019). Association of perfluoroalkyl substance with lung function in the US population. *Ohio Journal of Public Health*, 2(2), 30-36. ISSN: 2578-6180

Leary, D. B., Takazawa, M., Kannan, K., & **Khalil, N.** (2020). Perfluoroalkyl substances and metabolic syndrome in firefighters: a pilot study. *Journal of Occupational and Environmental Medicine*, 62(1), 52-57.

Leeds, F. S., Atwa, K. M., Cook, A. M., Conway, K. A., & **Crawford, T. N.** (2020). Teaching heuristics and mnemonics to improve generation of differential diagnoses. *Medical Education Online*, 25(1), 1742967. doi:10.1080/10872981.2020.1742967

Leeds, F. S., Levinthal, R. K., Alexander, M. T., & **Crawford, T. N.** (2020). The distribution of Ohio's certificates to recommend: Who will "prescribe" medical marijuana? *Journal of Cannabis Research*, 2(1), 1-9.

Silverstein, S. M., Daniulaityte, R., Miller, S., Martins, S. S., & **Carlson, R. G.** (2020). On my own terms: Self-treatment of opioid use disorder with non-prescribed buprenorphine. *Drug and Alcohol Dependence* 107958.

Silverstein, S. M., Daniulaityte, R., Martins, S., Miller, S., & **Carlson, R. G.** (2019). Everything is not right anymore: Buprenorphine experiences in an era of illicit fentanyl *International Journal of Drug Policy*, 74, 76-83.

Snyder, K., Hill, M., Lee, M., **Crawford, T. N.**, & **Orlowski, M.** (2020). The relationships between physical health and chronic disease, stress, and resource strain in Head Start employees. *Workplace Health and Safety*, 68(4), 190-201.

Wade, C. A., **Crawford, T. N.**, Leedy, N., & Thornton, A. C. (2020). Impact of the Affordable Care Act on referral to care for people living with HIV in Appalachia. *Journal of Appalachian Health*, 2(2), 51.

Walker, D. M., **McAlearney, J. S.**, Sharma, L., & Kim, Y. H. (2019). Examining the financial and quality performance effects of group purchasing organizations. *Health Care Management Review*. doi:10.1097/HMR.0000000000000267

Published Books, Chapters, Reviews

Gebhart, M. E. (2019). Health Equity in the Aftermath of a Natural Disaster. In A. J. Santella (Ed.), *Master of Public Health Competencies: A Case Study Approach*, 1st Ed., Chapter 15. Burlington, MA: Jones & Bartlett Learning

Núñez, C., Martín, M., **Silverstein, S.M.**, & Rodríguez, R. (2019). Suicidios en los Tiempos de Coca: Género, violencia y cambios sociales en comunidades ticuna de la Amazonía peruana. In W. Hernández (Ed.), *Violencias Contra las Mujeres*, Pp. 299-326. Lima: GRADE.

Conference Abstracts

Carlson, R. G., **Daniulaityte, R.**, **Silverstein, S. M.**, Martins, S. & **Nahhas, R. W.** (June, 2019). Unintentional drug overdose: Is more frequent use of non-prescribed buprenorphine associated with lower risk of overdose? Presented at the College on Problems of Drug Dependence Meetings. San Antonio, TX.

Daniulaityte, R., **Nahhas, R. W.**, **Silverstein, S. M.**, Silvia, M., & **Carlson, R. G.** (June, 2019). Patterns of Non-Prescribed Buprenorphine and Other Opioid Use among Individuals with Opioid Use Disorder: A Latent Class Analysis. Presented at the College on Problems of Drug Dependence Meetings. San Antonio, TX.

Ford, J. A., Kissell, K. M., Gaddis, R., Atkinson, T., & **Kinzler, N. R.** (March, 2019). Successful Treatment Completion Improves Behavioral Health Outcomes for a Reentry Population. Presented at the annual meeting of the American Academy of Health Behavior (AAHB). Greenville, SC.

Paton, S. J., Stiver, W., Albers, P., & Ellison, S. A. (September, 2019). Police, public health, and home visit referrals: Infant Mortality Response Initiative data. Presented at the CityMatCH Annual Meeting. Providence, RI.

Silverstein, S. M. & Mendoza, M. (May, 2020). Narcoaesthetics. Panel organized for Society for Cultural Anthropology/Society for Visual Anthropology Biennial (Virtual) Conference.

Silverstein, S. M. (May, 2020). Narcopalimpsests. Paper presented at the Society for Cultural Anthropology/Society for Visual Anthropology Biennial (Virtual) Conference.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (June, 2019). An Online Suite of assessments related to Career, Substance Abuse and Mental Health Assessments in American Sign Language. Presented at the ADARA/AMPHL Conference. Baltimore, MD.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (June, 2019). Collaboration in the provision of vocational evaluation services for deaf persons. Presented at the American Deafness and Rehabilitation Association Annual Conference. Baltimore, MD.

Significant Presentations (e.g. to academic societies, medical schools and national professional societies)

Embree, J. A., **Wilson, J. F.**, & Taylor, K. (November, 2019). Addressing Interviewer and Observer Biases with Latent Semantic Analysis in Back Translation of the Suicide Behaviors Questionnaire-Revised in American Sign Language. Presented at the APHA Annual Meeting and Exposition. Philadelphia, PA.

Neeley S. M., Jenkins Z., Ellison S. A., **Paton S. J.**, Hall S., & Lachecki C. (March, 2020). Outbreak simulation: A cross-institutional IPE experience. Presented at the Association for Teaching Prevention & Research (APTR) Annual Meeting. San Antonio, TX.

Paton, S. J., Balster, E., Dockery, J., Murray, C., & Ellison, S. A. (November, 2019). Collaborative development of a regional Community Health Assessment (CHA)/Community Health Needs Assessment (CHNA) through linkages of local and academic public health and hospitals in Southwest Ohio. Presented at the American Public Health Association (APHA) Annual Meeting. Philadelphia, PA.

Silverstein, S. M., **Danuilaityte, R.**, & **Carlson, R. G.** (June, 2019). Who Avoids Formal Drug Treatment? Characterizing a Group of Opioid-Dependent Individuals. Presented at the College on Problems of Drug Dependence Meetings. San Antonio, Texas.

Silverstein, S. M. & **Crawford, T.** (May, 2020). Addressing COVID-19 Among Vulnerable Populations. Shelter in Place Webinar Series, Wright State University.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (June, 2020). Identifying Barrier/Resources when working with Deaf and Hard of Hearing People with Substance Use Disorders. Webinar Series Presentation at the National Association for Alcoholism and Drug Abuse Counselors (NAADAC).

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (January, 2020). An Online Suite of assessments related to Career, Substance Abuse and Mental Health Assessments in American Sign Language. Presented at the Bureau of Rehabilitation Services, Statewide DHOH Committee. Hartford, CT.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (January, 2020). Identifying Mental Health and Substance Abuse for Deaf and Hard of Hearing Adults and Youth. Presented at the Texas Mental Health Initiative for Deaf and Hard of Hearing Individuals, Texas School for the Deaf. Austin, TX.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (October, 2019). Identifying Substance Abuse Needs in the Deaf and Hard of Hearing Community. Presented at the Services for Persons who are Deaf, Hard of Hearing, Late Deafened or DeafBlind. Roanoke, VA.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (October, 2019). An Online Suite of assessments related to Career, Substance Abuse and Mental Health Assessments in American Sign Language. Presented at the Southeast Regional Institute for the Deaf. Huntsville, AL.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (October, 2019). ASL-STAR: An Online Suite of Mental Health, Substance Abuse, and Career Related Assessments in American Sign Language. Presented at the North Carolina Rehabilitation Association. Cherokee, NC.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (October, 2019). Occupational Information Network (O*Net) Interest Profiler in American Sign Language. Presented at the North Carolina Rehabilitation Association. Cherokee, NC.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (October, 2019). ASL-STAR: An Online Suite of Mental Health, Substance Abuse, and Career Related Assessments in American Sign Language. Presented at the 18th National Forum on Issues in Vocational Assessment. Richmond, VA.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (June, 2019). Identifying Substance Abuse needs in the Deaf and Hard of Hearing Community. Presented at the Lamar University. Houston, TX.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (May, 2019). Identifying Substance Abuse needs in the Deaf and Hard of Hearing Community. Presented at the RHA Behavioral Health Program for the Deaf and Hard of Hearing in the State of North Carolina. Raleigh, NC.

Wilson, J. F., Embree, J. A., Guthmann, D., Kapp, V., & Taylor, K. (May, 2019). Identifying Substance Abuse needs in the Deaf and Hard of Hearing Community. Presented at the Louisiana Commission for the Deaf, Bienville Building. Baton Rouge, LA.

Consultantships (sponsor-activity)

S. Paton – Consulting epidemiologist for Madison, Champaign, and Clarke counties.

Other Recognition (e.g. editorships, reviewer, awards)

Editorial Review Boards

S. Paton – Ohio Journal of Public Health

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

Journal Manuscript Reviews

T. N. Crawford – Reviewed manuscripts for Clinical Gerontologist, Health Education and Behavior, Journal of AIDS and Behavior, Journal of the American Board of Family Medicine, Journal of Healthcare for the Poor and Underserved, Journal of Immigrant and Minority Health, and Substance Use and Misuse.

J. McAlearney – Reviewed manuscripts for Journal of Health Care for the Poor and Underserved and Health Affairs.

M. Orłowski – Reviewed manuscripts for Preventive Medicine and American Journal of Preventive Medicine.

S. Paton – Reviewed manuscripts for Ohio Journal of Public Health

S. M. Silverstein – Reviewed manuscripts for Journal of Drug Issues and Journal of Latin American and Caribbean Anthropology

M. T. White – Reviewed manuscripts for Journal of Genetic Counseling, and Annals of Internal Medicine

Conference Abstract Reviews

A. Hinson-Enslin – PHEHP Student Awards Contest, American Public Health Association

M. White – Consortium of Universities for Global Health (CUGH) - Ethics

6 Service

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

Summer 2019

Katelyn Alcorn: The Association of Perfluoroalkyl Substances Exposure and Renal Function in the NHANES 2015 – 2016 Population (Chair, Naila Khalil)

Michael Crowder: Perfluoroalkyl substances exposure and cancer in NHANES 2011-2016 U.S. population (Chair, Naila Khalil)

Sarah DeWitt: An Examination of Resilience and Mental Flourishing as Predictors of Well-being among Undergraduate College Students (Chair, Timothy Crawford; Reader, Marietta Orłowski)

Dene Berman: Cross-Cultural Adaptation of an Instrument to Address the Mental Health Needs in Nepal (Chair, Cristina Redko)

Fall 2019

Research Capstone Project

Rachel Bright: The Helping Hand after Reentry: A Review of the Montgomery County Offender Reentry Program (MCORP) (Chair, Nicole Kinzeler; Reader, Jo Ann Ford)

Moses Kamanzi: An Example of Health Systems Best Practices: A Systemic Review of Improving Health Systems in Low-Income-Countries (Chair, Cristina Redko; Reader, Nicole Kinzeler)

Course Capstone Project – Global Health

Benjamin Goulart: Achievable Toilet Sanitation

Jeffrey Howard: International Airport Screening: Communicable Diseases

Spring 2020

Research Capstone Projects

Lane Breyer: An Analysis of the Lumbar Punctures Performed in the Emergency Department of Dayton Children’s Hospital (Chair, Timothy Crawford; Reader, Sara Paton)

Sarah Fryman: Driving Under the Influence of Technology: Applying Smartphone Addiction and the Theory of Planned Behavior to Examine Smartphone Usage While Driving (Reader, Nicole Kinzeler)

Jacqueline Jacobs: Differences between Older and Younger Adults with Diagnosed Cardiovascular Disease: An Analysis of Fels Study Data (Chair, John McAlearney; Reader, Nicole Kinzeler)

Independent Capstone Projects

Laila Al-Khasawneh: Evaluation of Services Provided to Refugees and Immigrants in Dayton, Ohio (Chair, Sara Paton)

Benjamin Clouse: CT Scans Effective Radiation Dose Reduction in Pediatric Trauma Patients (Chair, Sara Paton)

Nicole Turkson: Improving Access to Healthcare in the Dayton Refugee Community: The Process of Developing the Global Health Clinic at Five Rivers Family Health Center (Chair, Cristina Redko)

Melissa Vining: Trends in Substance Abuse by Race and Age from 2014-2018 (Chair, Timothy Crawford; Reader, Amanda Hinson-Enslin)

Course Capstone Projects – Applied Epidemiology: Chronic Diseases

Jason Burchett: Sleep duration and cancer in the 2018 BRFSS, a cross-sectional study (Chair, Timothy Crawford)

Cayla Etter: Examining preventive healthcare utilization and cancer in the LGBTQ community (Chair, Timothy Crawford)

Sierra Flowers: Are there disparities in receipt of illicit drug treatment among injection drug users diagnosed with Hepatitis B or C? (Chair, Timothy Crawford)

Fabrice Juin: Investigating identity-based disparities in the co-occurrence of mental illness & substance use issues (Chair, Timothy Crawford)

Ginger Magoto: Examining risk factors for rheumatoid arthritis: Findings from NHANES 2005 – 2006 (Chair, Timothy Crawford)

Matthew Negrey: Frequency of fish consumption and history of myocardial infarction (Chair, Timothy Crawford)

Michael Owens: Age of initiation of illicit drug use & association of cancer occurrence among drug users in the United States (Chair, Timothy Crawford)

Jacob Roemer: The relationship between mind-body interventions and multiple chronic conditions (Chair, Timothy Crawford)

Course Capstone Projects – Public Health Project Management

Hope Hurd: Workplace Wellness Grant Proposal (Chair, Amanda Hinson-Enslin)

Alexa Wene: Community Food Projects Competitive Grant: Food for Families Project (Chair, Amanda Hinson-Enslin)

Committee Membership**Department of Population & Public Health Sciences**

Curriculum Committee: Crawford, Jarnot, Gladish, Khalil, Kinzeler, McAlearney (Chair), Orlowski, Paton, Redko

Faculty Search Committee /Health Promotion & Education: Kinzeler, McAlearney, Orlowski (Chair), Redko

Faculty Search Committee /Biostatistician: Carlson, Crawford (Chair), Daniulaityte, Nahhas, Paton

Instructional Faculty Committee: Crawford, Ellison, Gebhart, Gladish, Jarnot, Khalil, Kinzeler, McAlearney, Orlowski (Chair), Paton, Redko

M.P.H. Admissions Committee: Khalil, McAlearney, Orlowski, 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: Carlson (Chair), Orłowski, Paton, White, Wilson
 Public Health 3.0 Curriculum Restructuring Committee: Hinson-Enslin, Nahhas, Paton, Redko
 Public Health 3.0 Re-branding & Marketing Committee: Orłowski, Edwards
 Public Health 3.0 Student Engagement Committee: Crawford, Edwards, Kinzeler, McAlearney
 Staff Search Committee /Public Health Workforce Development & Community Engagement Director:
 Hinson-Enslin, Orłowski (Chair), Paton

Boonshoft School of Medicine School of Medicine

By-laws Committee: White
 Continuing Medical Education Committee: Paton
 Delta Omega Gamma Alpha Chapter: Orłowski (Chapter President), Paton (Chapter Vice-President)
 Executive Committee: Orłowski
 Gold Foundation Humanism Honor Society Boonshoft SOM Chapter: White (Chapter Coordinator)
 OB/GYN Clerkship Steering Committee: White
 Research Committee: Carlson, Khalil
 Scholarly Projects - Arts and Medicine: White (Chair)
 Student Promotion Committee: Gebhart
 Upstream Medicine Steering Committee: McAlearney

Wright State University

Academic Reorganization Committee: Orłowski
 Faculty Senate and Faculty Senate Executive Committee: Orłowski
 Graduate Student Affairs Committee: Crawford
 Information Technology Committee: Redko
 Library Faculty Advisory Board: Hinson-Enslin
 Undergraduate Curriculum Committee: McAlearney
 Women in Science Giving Circle, Grant Reviewer: Khalil

Hospital or Affiliated Institution

Dayton Children’s Community Advisory Board for Center for Community Health and Advocacy: Orłowski
 Dayton Children’s IRB Committee: White
 Hospice of Dayton Ethics Committee: White
 Kettering Medical Center Ethics Committee: White
 Premier Health Atrium Medical Center, Medical Executive Committee: Gebhart
 Premier Health Board of Trustees, Community Benefit Subcommittee: Orłowski
 Public Health – Dayton & Montgomery County, Board of Health: Orłowski

State/Local

ADAMHS, Project Save Advisory Board: Kinzeler, Paton (Evaluator)
 Attorney General’s Opioid Task Force: Carlson, Daniulaityte

Community Overdose Action Team (PHDMC): Carlson, Daniulaityte
 CUGH (Consortium of Universities for Global Health), Educational Products Subcomm.: Redko (Co- Chair)
 Epilepsy Foundation of Ohio Board of Trustees: Orłowski
 4H of Miami County: Paton
 Greene Country Prevention Coalition: Ford
 GROW Ohio Pharmaceuticals, Substance Abuse Researcher Advisory Board: Carlson
 Harm Reduction Ohio: Silverstein
 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 Community Health Improvement Plan, Steering Committee: Paton
 Montgomery County HIV/AIDS Prevention Committee: Ford
 Mount Olive Baptist Church Motivate, Educate, Link and Train (MELT) project, Advisory Board: Kinzeler
 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 Mental Health and Addiction Services: Carlson
 Ohio Department of Public Safety, EMS Division: Gebhart
 Ohio Public Health Association, Ohio Public Health Resiliency Coalition (OPHCRC) for Climate Change: Khalil
 Pair of Shoes, Board: Ford
 Public Health - Dayton & Montgomery County (PHDMC), Research Review Panel: Paton
 PHDMC LGBTQ Health Alliance - Mental Health, Addiction, and Violence Taskforce: Crawford (Co-chair)
 Regional Physicians Advisory Board: Gebhart
 University of Dayton, Poster Judge for MED 480 Capstone (via Zoom): Nahhas
 United Way of Montgomery County: Paton

National/international

American Public Health Association, Epidemiology Section: Nahhas, Paton
 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
 National Commission for Health Education Credentialing, Inc.: Orłowski
 NIDA/NIH Grant Reviewer: Carlson, Daniulaityte
 Society for Epidemiologic Research, Diversity and Inclusion and Membership Committees: Crawford
 Society for Visual Anthropology, Board: Silverstein
 System’s Scientific Advisory Group: Carlson

7 Honors and Awards

Faculty Honors/ Awards

- T. N. Crawford - Participant Scholar, National Research Mentoring Network (NRMN) Strategic Empowerment Tailored for Health Equity Investigators (SETH) Grant Coaching Program, Morehouse University, GA
- N. Khalil – promoted to Professor

Graduate Student Honors/Awards

- Delta Omega Gamma Alpha Chapter Inductees
 - Students: Jason Burchett ('20) & Sarah Fryman ('20)
 - Alumni: Megan Smith ('18)
- John D. and Gretchen H. Bullock Endowed Public Health/Medicine Award – Megan Smith
- Graduate Student Excellence Award, M.P.H. Program – Sarah Fryman
- M.P.H. Student Excellence Awards
 - Epidemiology: Sierra Flowers
 - Health Promotion & Education: Hope Hurd
 - Capstone: Matthew Negrey & Nicole Turkson
 - Spirit: Jacob Roemer

Other

SARDI staff member Ashley Browning was named in the [Dayton Business Journal 2020 Forty under 40 list](#): She was also named [Daytonian of the Week by Dayton.com](#) as a result of her work after the local tornados.

8 Hosted Events

Council on Education for Public Health (CEPH). Accreditation site visit for the Master of Public Health program. October 28-29, 2019.

M.P.H. – Virtual Course Capstone Presentations. These events highlighted the accomplishments of WSU M.P.H. students as they presented their final poster and/or project in a virtual session. April 21, 2020 (Applied Epidemiology: Chronic Diseases) and April 28, 2020 (Public Health Project Management)

M.P.H. – Virtual Capstone Poster Session. This event highlighted the accomplishments of WSU M.P.H. students as they presented their final project in a virtual poster session. May 1, 2020.

M.P.H. – Virtual Open House. This event 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 were invited to speak on public health leadership and epidemiology. June 9 and 23, 2020.

DPPHS Professional Development Lunch and Learn. Faculty Amanda Hinson-Enslin presented to department faculty – *Converting the Face-to-face Course to Hybrid*. Spring 2020