



Department of Population and Public Health
Sciences
Annual Report

2016

**James R. Ebert, M.D., M.B.A., M.P.H., C.P.H., F.A.A.P.
Chair, Population and Public Health Sciences (PPHS)
Associate Professor, PPHS and Pediatrics**

For the period including
January 1, 2016 — December 31, 2016

1. Statement from the Chair

The Department of Population and Public Health Sciences (PPHS), Boonshoft School of Medicine at Wright State University underwent significant reorganization during 2016. The department underwent a name change from Community Health to Population and Public Health Sciences (PPHS). Support and space for departmental operations was reorganized into an Education Center and a Research Center. All faculty were reassigned into five academic divisions: Aerospace Medicine, Epidemiology and Biostatistics, International and Environmental Health, Health Systems and Policy, and Social and Behavioral Determinants of Health, and division directors for the four new divisions were appointed. The Lifespan Health Research Center was abolished. The position of Curator, Fels Longitudinal Collection was established. The Center for Healthy Communities moved to the Department of Pediatrics at the end of the year. The transfer of the Weekend Intervention Program to independent not-for-profit management was completed. The Center for Global Health was redefined to include only activities directly related to Global and International Health. Medical Humanities was reassigned under the division of Health Systems and Policy. New Certificate Programs in Aerospace Medicine, Global Health, Public Health Emergency Preparedness, and Public Health Leadership were established.

Appendix of this report contains the detailed activities of each Division and Program.

2. Divisions and Programs

Name of Division or Program	Director	Dates
Division of Aerospace Medicine	Dean M. Olson, MD, MS, MS Assistant Professor	2013-Present
Division of Epidemiology and Biostatistics	Sara Paton, PhD Associate Professor	2004-Present
Division of Health Systems and Policy	John McAlearney, PhD Associate Professor	2003-Present
Division of International and Environmental Health	Naila Khalil, MBBS, MPH, PhD Associate Professor	2010-Present
Division of Social and Behavioral Determinates of Health	Marietta Orłowski, PhD Associate Professor	2004-Present
Aerospace Medicine (ASM) Residency Program, Masters in ASM, Certificate in ASM Program	Dean M. Olson, MD, MS, MS Assistant Professor	2013-Present
Center for Global Health, Certificate in Global Health Program, Undergraduate education in Global Health	Cristina Redko, PhD Associate Professor	2015-present
Center for Interventions, Treatment, and Addictions Research	Robert Carlson, PhD Professor	2004-present

Name of Division or Program	Director	Dates
Epidemiology Certificate Program	Sara Paton, PhD Associate Professor	2016-present
Fels Longitudinal Data Collection - Curation Program	Bradford Towne, PhD Professor	2016-present
Health Care Management Certificate Program, WSU RSCOB MBA Health Care Concentration	John McAlearney, PhD Assistant Professor	2003-present
Master of Public Health Program	Sara Paton, PhD Associate Professor	2015-present
Medical Humanities Program	Mary T. White, MDiv, EdM, PhD Professor	1995-present
Physician Leadership Development Program	Sabrina Neeley, PhD	2011-present
Public Health Emergency Preparedness Certificate Program	Mark Gebhart, MD	2016-present
Public Health Leadership Certificate Program	John McAlearney, PhD Assistant Professor	2016-present
Reach Out of Montgomery County	Sharon Sherlock, DHA, MSA, BSN, RN Assistant Professor	1998-present
Substance Abuse Resources Disability Issues	Josephine Wilson DDS, PhD	2011-present

3. Fully Affiliated Faculty

Name and Academic Position	Research Interests
Aerospace Medicine	
Dean M. Olson, M.D., M.S., M.S. Assistant Professor	Injuries encountered from aviation accidents, safety of aerospace systems, physiologic and cellular changes associated with microgravity environments, environmental health in space environments, and aerospace accident investigation.
Richard T. Garrison, M.D., M.S., M.S. Associate Professor Clinical Professor, Emergency Medicine	Hyperbaric medicine and emergency medicine.
Thomas F. Jarnot, M.D., M.S. Assistant Professor	Human Factors in Aerospace Accident Investigation and Aircrew Flight Training. Enhancing Flight Surgeon-Pilot/Patient Rapport to Optimize Aviation Safety.

Name and Academic Position	Research Interests
Education Center	
James R. Ebert, M.D., M.B.A., M.P.H., C.P.H., F.A.A.P. Associate Professor	Metabolic consequences of obesity in children and adolescents, prevention strategies for obesity, improving physician skills in managing obese children, enhancing leadership skills of physicians and other health care professionals, treatment of pediatric patients with dyslipidemias.
Michael Dohn, M.D., M.Sc. Associate Professor	Sustainability of community-based health promotion activities; gender-based violence; gender in health promotion; HIV/AIDS.
Sylvia Ellison, M.A., M.P.H. Research Instructor	Evidence-based practice to improve maternal and child health, applied epidemiology, demography, and disability. Within maternal and child health, I am specifically interested in infant feeding, prenatal care delivery, perinatal care, hospital-based maternity care practices, and infant mortality.
Thomas Filloon, Ph.D. Assistant Professor	Biostatistical collaborative research, statistical graphics, robust data analysis
Naila Khalil, Ph.D., M.B.B.S., M.P.H. Associate Professor	Environmental epidemiology research, specifically human health effects such as bone density changes and metabolic effects related to environmental exposures including lead and endocrine disruptors.
John McAlearney, Ph.D. Assistant Professor	Working with health systems and hospitals to use their Electronic Medical Records (EMR) data to achieve improvements in quality and to assist in reducing costs.
Ramzi Nahhas, Ph.D. Associate Professor	Use of modern statistical methods to analyze data from a wide range of biomedical research areas, including human growth and development; skeletal, dental, and sexual maturity; craniofacial anatomy; obesity; cardiometabolic risk; illicit drug use; and psychiatry. Specific methodological areas of expertise of mine include longitudinal data analysis, in particular linear and non-linear mixed models, growth curve modeling, the analysis of missing data, and the application of these methods to problems in biomedical research.
Marietta Orlowski, Ph.D., M.C.H.E.S. Associate Professor	Adolescent health behaviors, health behavior measurement, & program evaluation.
Sara Paton, Ph.D. Associate Professor	Maternal and child health issues, food safety, health assessment, HIV, population health, Fetal Alcohol Spectrum Disorders.
Cristina Redko, Ph.D. Associate Professor	Immigrant health, as well as developing strategies for global health education.
Nikki Rogers, Ph.D. Assistant Professor	Maternal and child health, sociocultural health factors, and African/African-American population health.
Mary T. White, MDiv, EdM, Ph.D. Professor	Medical ethics and professionalism, global health education, end-of-life care.
Katherine Cauley, Ph.D. Professor	International education, community based multi-professional clinical education, service learning, and community academic partnerships.
Reach Out of Montgomery County	
Sharon Sherlock, D.H.A., M.S.A., B.S.N., R.N. Assistant Professor	Underserved populations such as adolescents and disparities in health, how multiculturalism relates to or conflicts with compliance in healthcare behaviors.
Research Center:	
Center for Interventions, Treatment, & Addictions Research	
Robert G. Carlson, Ph.D. Professor	Ethnography; ethnographic/ qualitative methods; epidemiology; natural history research; chronic disease management; substance abuse; pharmaceutical opioids; heroin; unintentional overdose; MDMA; crack cocaine, methamphetamine; cannabis; emerging drugs.

Name and Academic Position	Research Interests
Raminta Daniulaityte, Ph.D. Associate Professor	Epidemiology of drug abuse, social media research, natural history studies, and mixed methods research.
Francois Lamy, Ph.D. Post-doctoral Researcher	Integration of innovative methodology in the field of substance use and abuse. These methods encompass: <ul style="list-style-type: none"> • Geographical Informed Systems (GIS) to capture spatial epidemiological trends (e.g. investigate the evolution and diffusion of opiate-induced overdoses in Montgomery County based on the Poison Death Review data). • Natural Language Processing (NLP) and Machine Learning (ML) to facilitate and automate web-based data analysis. • Agent-Based Modeling (ABM) to integrate already collected data into a virtual environment and simulate /evaluate 'what-if' scenarios related to public health policies (e.g. creating a virtual societies to study the impact of NARCAN distribution on the number of opiate-related overdoses).

Research Center:

Fels Longitudinal Study

Audrey Choh, Ph.D., C.P.H. Research Assistant Professor	Genetic epidemiologist interested in risk factors related to obesity and cardio and cerebrovascular disease. Using various statistical genetic methods such as genome-wide linkage analysis and family-based genome-wide association studies (GWAS); my research has examined the genetic architecture of blood pressure, obesity, and body composition. More recently, my research interests have expanded to include: <ul style="list-style-type: none"> • The influence of childhood, adulthood and lifetime adiposity and blood pressure history on adulthood cognition using serial data from the Fels Longitudinal Study. • How job demands influence physical activity and health in collaboration with Dr. Nathan Bowling, Professor of Psychology, Wright State University.
Miryoung Lee, Ph.D., M.P.H., M.S. Associate Professor	Understanding the inter-relationships of genetic factors and biomarkers including inflammatory risk factors with common complex traits such as obesity, type 2 diabetes, and cardiovascular disease. Recently, I have focused on: <ul style="list-style-type: none"> • Vitamin D levels in blood and its relationship to obesity and cardio-metabolic risk in children and adults. • The effects of obesity on metabolic and genetic pathways linked to telomere length and telomerase activity.
Matthew Peterson, Ph.D. Associate Professor	Geriatrics Research and the role of physical activity in attenuating functional decline and other important aging-related outcomes. Current research activities include discovery of biomarkers of functional decline in aging, exercise interventions to ameliorate functional decline, midlife predictors of frailty and disability, and physical performance assessment in older adults.
Bradford Towne, Ph.D. Professor	Conducting and collaborating on a large-scale, community-based, genetic epidemiologic studies.

Research Center:

Substance Abuse Resources & Disability Issues

Josephine Wilson, D.D.S., Ph.D. Professor	Substance abuse/addictions and disabilities and their intersection, treatment and prevention; technology enhancements in vocational rehabilitation, telecounseling, gambling prevention, ex-offender reentry, Mental Health First Aid, integration of behavioral health and medical
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Name and Academic Position	Research Interests
Jo Ann Ford, M.R.C. Instructor	treatment, and HIV/HepC prevention. Women with disabilities including substance abuse, violence issues, and advocacy.
Nicole Kinzeler, Ph.D. Assistant Professor	Improve the quality of life for individuals with behavioral health issues, including substance abuse disorders and mental illness.

4. Teaching/Student Advising

Baccalaureate [any course for Bachelor Degree]

Audrey Choh, Ph.D., C.P.H.

- CMH4990: Dr. Choh and Traci Rackett, co-assistant Directors, STREAMS (Short-Term Training Program to Increase Diversity in Health-Related Research, formerly Short-Term Research Experience Access for Minority Students).

Michael Dohn, MD, MSc

- Guest Faculty: Health Careers Seminar course, University of Dayton
- Guest Faculty: Religion and Medicine course, Wittenberg University
- Guest Presenter: Global Health session, Health Careers Workshop, University of Dayton & Miami Valley Hospital
- Human Biology Seminar Series, Kettering College

Nicole Kinzeler, Ph.D.

- Introduction to Psychology course, University of Dayton.

Sara Paton, Ph.D.

- Post-baccalaureate student committees

Cristina Redko, Ph.D.

- Course Direction, CMH2000 Global Health, WSU Core
- Lecturer, BIO1080 Introduction to Public Health, Department of Biology

Sharon Sherlock, DHA

- Instructor, one course taught

Undergraduate Medical Education [medical school]

Michael Dohn, M.D., M.Sc.

- Physician Preceptor, Introduction to Clinical Medicine I
- Physician Preceptor, SMD 612 Health Care in Developing Countries elective

Sylvia Ellison, M.A., M.P.H.

- Co-instructor; Upstream Medicine: 2016 Pilot Course for new Wright Curriculum 2017

Mark E. Gebhart, M.D.

- Advisor; Bioterrorism

Naila Khalil, Ph.D., M.B.B.S., M.P.H.

- Supervisor, STREAMS students summer internship 2016

Sharon Sherlock, D.H.A., M.S.A., B.S.N., R.N.

- BSoM SL 618 = #167 students continual classes 2 per semester plus triage training
- BSoM Clerkship #36 students, involvement in Charter High Schools and Goodwill Adult Day Care Center, as well as the Reach Out clinic
- Ohio University-Grandview Hospital-D.O. three 4th year interns, evening clinics

Mary T. White, MDiv, EdM, Ph.D.

- Clerkship: Internal medicine ethics/palliative care and participation in retreat
- Clerkship: OB/GYN ethics conference
- Clerkship: Psychiatry ethics conference
- Clerkship: Surgery
- Clerkship: Case conference and disclosing medical errors and OSCEs on end-of-life communication debriefing
- Course Coordinator: Nutrition in Medicine online course
- Course Director: Health Care in Developing Countries elective
- Discussion Coordinator and Facilitator: brain death, persistent vegetative state and minimally conscious state for Neuroscience course
- Discussion Coordinator and Facilitator: ICM II: WIT
- Instructor: CMH 806: Literature and Medicine
- Instructor: CMH 813: Future Directions in Global Health
- Instructor: SMD 817: Race, Sex, and Gender
- Instructor: Professional Identity Development
- Completed work with WSU Department of Religion, Classics and Philosophy to develop undergraduate minor in Medical Humanities

Graduate Student Education [Master, Doctor, Post-Doctoral, Thesis Supervision]

Robert G. Carlson, Ph.D.

- Preceptor, Global Health Master of Public Health

Audrey Choh, Ph.D., C.P.H.

- Mentor, Short-Term Training Program to Increase Diversity in Health-Related Research

Michael Dohn, M.D., M.Sc.

- Advisor formal and informal, Master of Public Health
- Course Director, CMH 7520: Problems in Public Health
- Course Director, CMH 8100 Critical Thinking
- Course Director, CMH 8110 Public Health Practice Placement
- Lead, Reader, and Informal Adviser, culminating experience, Master of Public Health
- Master's Thesis committee, Applied Behavioral Sciences program

- Extramural: Population-based health courses, University of Dayton Physician's Assistant program

James Ebert, M.D., M.B.A., M.P.H., C.P.H., F.A.A.P.

- Course Director, CMH 5210: Strategic Leadership in Health Care

Sylvia Ellison, M.A., M.P.H.

- Co-Instructor, CMH 6200 Public Health Epidemiology
- Director & Instructor, CMH 7210: Community Assessment
- Faculty Lead, CMH 8110: MPH Practice Placement
- MPH Culminating Experience (CMH 8210 / 8220)

Thomas Filloon, Ph.D.

- Mentor/Co-Faculty, Culminating Experience
- Didactics: GIS Mapping, MPH Epidemiology II

Jo Ann Ford, MRC

- Instructor, MPH Public Health and Disability

Mark E. Gebhart, M.D.

- Advisor, Master Public Health

Thomas F. Jarnot, M.D., M.S.

- Co-Instructor, ASM 7571: Aerospace Skills I
- Co-Instructor, ASM 7572: Aerospace Skills II
- Co-Instructor, ASM 7573: Aerospace Skills III
- Co-Instructor, ASM 7471: Environmental Medicine
- Director/Instructor, ASM 7371: Aerospace Toxicology
- Director/Instructor, ASM 7871: Space Medicine I
- Director/Instructor, ASM 7872: Space Medicine II
- Director/Instructor, ASM 7873: Space Medicine III
- Director/Instructor, ASM 7973: Aerospace Medicine Research

Naila Khalil, Ph.D., M.B.B.S., M.P.H.

- Advisor, Master Public Health culminating experience
- CMH 6300: Environmental Health
- CMH 7920: PH Epidemiology

Miryoung Lee, Ph.D., M.P.H., M.S.

- Lecturer, CMH 6100: Biostatistics for Health Professionals

John McAlearney, Ph.D.

- Course Director, CMH 6500: Health Resource Management and Policy Certificate/M.P.H./M.B.A. students
- Director, M.P.H. Public Health Management Concentration
- Ph.D. Thesis Committee

Ramzi Nahhas, Ph.D.

- Co-Chair, Culminating Experience Committee, Master of Public Health
- Co-Faculty, CMH 7910-01: Epidemiology II, Master of Public Health

Dean Olson, M.D., M.S., M.S.

- Advisor, ASM Master's Program
- Instructor, ASM 7771, 7772, 7773: Fundamentals of Aerospace Medicine
- Instructor, ASM 7971 & 7972: Introduction to Aerospace Medicine Research
- Supervisor, ASM 8500: Research Project

Marietta Orlowski, Ph.D., M.C.H.E.S.

- CMH 6400: Social and Behavioral Determinants of Health
- CMH 7420: Health Promotion Planning and Evaluation
- Culminating experience, Master of Public Health

Sara Paton, Ph.D.

- Program Director, Master of Public Health program
- Course Director, CMH 6200: Public Health Epidemiology
- Culminating Experience MPH, CMH 8210 and 8220
- Lecturer, CMH 8100: What is Epidemiology
- Mentor, MPH students
- Practice Placement students

Matthew Peterson, Ph.D.

- Co-Chair, Thesis, University of Dayton graduate exercise science

Cristina Redko, Ph.D.

- Course Director, CMH7710: Global Health
- Course Director, CMH7720: Global Health Systems
- Course Director, CMH811: Medical Education Research
- Lecturer, CMH7700: Social and Behavioral Determinants of Health
- Lecturer, CMH8100: Critical Thinking in Public Health
- Supervisor, MPH Culminating Experience

Nikki Rogers, Ph.D.

- Advisor, MPH Student Writing Support through Social Writing
- Chair, Co-Chair: Culminating Experience MPH
- Course Director, CMH 8210: Public Health Culminating Experience I
- Course Director, CMH 8220: Public Health Culminating Experience II
- Course Director, CMH 8230: Public Health Culminating Experience III
- Co-Instructor, CMH 8100: Critical Thinking
- Lead Faculty, Practice Placement MPH

Sharon Sherlock, D.H.A.

- Instructor, two courses taught for Master
- Instructor, two courses taught for Post-Doctoral
- Thesis supervision

Mary T. White, MDiv, EdM, Ph.D.

- Co-Instructor, CMH 714: Public Health Ethics and Policy (10 students)

Josephine Wilson, D.D.S., Ph.D.

- Doctoral dissertation committee, School of Professional Psychology student
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Graduate Medical Education [Residents, Fellows]

Michael Dohn, M.D., M.Sc.

- Presentation: Family Medicine Residents, “3 Buckets & a Million Hearts” (content included CDC 6-18 initiative, Million Hearts Campaign, Auerbach’s prevention buckets, the integration of clinical care & public health, and local resources). Five Rivers Family Medicine. 19 October, 2016

James Ebert, M.D., M.B.A., M.P.H., C.P.H., F.A.A.P.

- Pediatric Residents, Lipid Clinic & Inpatient Service
- Lecture to child psych fellows, June 3rd 2016: “Metabolic Issues in Obese Children treated with Antipsychotics”

Thomas Filloon, Ph.D.

- Article Reviewer, Journal Club Family Medicine Resident

Mark E. Gebhart, M.D.

- Advisor; trauma life support instructor at Miami Valley Hospital

Thomas F. Jarnot, M.D., M.S.

- Advisor: Annual Aerospace Medical Association Grand Rounds
- Coordinator: Guest Lecturers
- In-Service Examinations: Develop/Implement ASM in-service examinations
- Instructor: Simulator Based Flight Instruction: (ACGME/RRC) required ASM resident Flight Instruction
- Preceptor: Division of Aerospace Medicine Flight Medicine Clinic

Ramzi Nahhas, Ph.D.

- Didactics lecture: The Basics of Research Design and Analysis, Department of Psychiatry
- “Statistical Concepts and Red Flags.” Journal Club, Department of Psychiatry

Dean Olson, M.D., M.S., M.S.

- Advisor: Aerospace Medicine Grand Rounds for Residents
- Coordinator: Aerospace Medicine FAA Master Student Rotation
- Coordinator: Guest Lecturers
- Coordinator: NASA/USN/WSU Space Medicine Teleconference
- Moderator: ASM Journal Club

- Preceptor: Clinical Instruction – Flight Medicine Clinic
- Resident Tracks and Rotation

Matthew Peterson, Ph.D.

- Geriatrics Didactics Teaching: July 20- Exercise and Aging; September 7– Physiology of Aging; October 27- Basic Statistics; November 10- Exercise and Aging

Sharon Sherlock, D.H.A., M.S.A., B.S.N., R.N.

- Aerospace Medicine Residents, Health Admin Course Summer
- Family Medicine residents
- Internal Medicine Resident

Josephine Wilson, D.D.S., Ph.D.

- Supervised research, Family Medicine resident
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Continuing Medical Education [Grand Rounds, Seminars]

Robert Carlson, Ph.D.

- “The Opioid Epidemics in Montgomery County, Ohio: Past, Present, and Future.” Kettering Hospital. 18 March 2016

Michael Dohn, M.D., M.Sc.

- CME coordinator and program reviewer, 2015 Association of Ohio Health Commissioners Fall Conference
- CME coordinator and program reviewer, 2015 Public Health Combined Conference
- CME coordinator and program reviewer, Breaking Silences, Demanding Crip Justice: Sex, Sexuality, and Disability Conference

James Ebert, M.D., M.B.A., M.P.H., C.P.H., F.A.A.P.

- BSOM Faculty Leadership Academy
- Springfield Regional Medical Center; presentation on Childhood Obesity

Thomas F. Jarnot, M.D., M.S.

- Aerospace Medical Association (AsMA) Annual Meeting
- Aerospace Medicine Updates: Annual live online CME event sponsored by Headquarters, Air National Guard
- CME Conference: Annual Stanley R. Mohler Aerospace Medicine Lecture Series: EAA AirVenture Fly-In. Oshkosh, Wisconsin
- Hosted: Wright State University’s Aerospace Medicine Grand Rounds: CME series

Dean Olson, M.D., M.S., M.S.

- Aerospace Medical Association (AsMA) Annual Meeting
- CME Conference: Annual Stanley R. Mohler Aerospace Medicine Lecture Series: EAA AirVenture Fly-In
- Grand Rounds
- Hosted: Wright State University, Aerospace Medicine Grand Rounds: CME series

Sara Paton, Ph.D.

- Speaker, Health Link workshop, Infant Mortality in Montgomery County, the work
- Speaker, lactation course, Infant Mortality and PPOR in Montgomery County
- Opioid Prevention Training. In-service for teachers and principals on opioid and substance use in youth in Montgomery County
- Opioid Prevention Training. In-service for counselors on opioid and substance use in youth in Montgomery County

Nikki Rogers, Ph.D.

- Diabetes Prevention Program Online CME

Sharon Sherlock, D.H.A.

- Montgomery County Medical Society Panel: Affordable Care Act Provider/Patient Impact
- The Ohio State University: Healthcare Administration annual class
- University of Dayton: Anthropology Course collaboration with Jefferson Township
- University of Dayton: Physician's Assistants, #2 classes Chronic Care Management & Health Policy/Economics
- Xavier University: Master of Health Administration Program Guest Speaker, Affordable Care Act Understanding the Healthcare Systems for Better Care of Vulnerable Populations

Josephine Wilson, D.D.S., Ph.D.

- Presentation: "The Nature of Addiction." Center for Healthy Communities Conference on the Heroin Crisis
 - Presentation: "The Physiology of Trauma." Trauma-Informed Care Conference
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Other**Audrey Choh, Ph.D., C.P.H.**

- Interim Assistant Director, Short-Term Training Program to Increase Diversity in Health-Related Research (STREAMS)

Mark E. Gebhart, M.D.

- Lecturer; "Preparedness" to local emergency medical services

Thomas F. Jarnot, M.D., M.S.

- FAA Approved Ground Instruction, residents, MS students, and local pilots

Nicole Kinzeler, Ph.D.

- Director of Evaluation, Substance Abuse Resources & Disability Issues

John McAlearney, Ph.D.

- Chair, Honors Research Project

Dean Olson, M.D., M.S., M.S.

- American Board of Family Medicine, board eligible
- American Board of Preventive Medicine, board certified
- Presentation: Community Outreach, local high school swimmers.

Sara Paton, Ph.D.

- Doctoral of Nurse Practitioners Committee. Jeanine Bochenek: Asthma Open Airways Project at Dayton Public Schools

Matthew Peterson, Ph.D.

- Mentor, Computer Science

Josephine Wilson, D.D.S., Ph.D.

- Presentation Research with medical student

5. Scholarly Activity

Active Grants and Contracts (does not include grants with less than \$1,000 in expenditures)

Total Number of Projects: 41

Total 2016 Expenditures: \$2,783,059.93

Dayton Area Drug Survey 2016

Montgomery County ADAMH Services Board

PI: Robert Carlson

2016 expenditures: \$33,734.50

NIDA National Early Warning System Network iN3 An Innovative Approach

National Institute on Drug Abuse (NIDA)

PI: Robert Carlson

2016 expenditures: \$10,182.02

Montgomery County Poisoning Death Review 2014 & 2015

Public Health Dayton and Montgomery County

PI: Robert Carlson

2016 expenditures: \$17,963.72

Consult Services

PI: Kate Cauley

2016 expenditures: \$255,262.62

Kinship Navigator Consortium

Montgomery County Children Services

PI: Kate Cauley

2016 expenditures: \$56,060.95

MEDTAPP Healthcare Access Initiative-Community Health Workers First
The Ohio State University
PI: Kate Cauley
2016 expenditures: \$155,694.58

Ohio Area Health Education Centers Program for Region IV (AHEC)
Ohio Board of Regents
PI: Kate Cauley
2016 expenditures \$12,301.86

Sinclair Community College Matching Funds
Sinclair Community College
PI: Kate Cauley
2016 expenditures: \$10,764.29

Adiposity Disease Risk Factors and Lifetime Health
National Institute of Child Health & Human Development (NICHD)
PI: Stefan Czerwinski
2016 expenditures: \$69,400.74

Prep Scholars
National Institute of General Medical Sciences (NIGMS)
PI: Stefan Czerwinski
2016 expenditures: \$1,661.17

Quantifying Health Birth Growth and Development Knowledge Integration
Bill & Melinda Gates Foundation
PI: Stefan Czerwinski
2016 expenditures: \$90,001.19

Short-Term Health Research Training to Increase Diversity
National Heart Lung and Blood Institute (NHLBI)
PI: Stefan Czerwinski
2016 expenditures: \$50,448.19

Updating Skeletal Maturity Methods for U.S. Children
National Institute of Arthritis & Musculoskeletal & Skin Diseases (NIAMSD)
PI: Stefan Czerwinski
2016 expenditures: \$67,649.46

A Natural History Study of Buprenorphine Diversion Self-Treatment and Use of Drug Abuse Treatment Services
National Institute on Drug Abuse (NIDA)
PI: Raminta Daniulaityte
2016 expenditures: \$103,757.62

Characterizing Fentanyl Outbreaks: Ethnographic and Forensic Perspectives

National Institute on Drug Abuse (NIDA)
PI: Raminta Daniulaityte
2016 expenditures: \$78,416.17

Trending Social media analysis to monitor cannabis and synthetic cannabinoid use
National Institute on Drug Abuse (NIDA)
PI: Raminta Daniulaityte
2016 expenditures: \$22,204.90

*Integrated Continuum-of-Care Services (ICS) Project
Enhancing ICS Project with Montgomery County Syringe Exchange Program*
Substance Abuse & Mental Health Services Admin. (SAMHSA)
PI: Jo Ann Ford
2016 expenditures: \$38,113.28

Montgomery County Offender Reentry Program
Substance Abuse & Mental Services Administration (SAMHSA)
PI: Jo Ann Ford
2016 expenditures: \$6,019.67

Mental Health First Aid
Interact for Health
PI: Nicole Kinzeler
2016 expenditures: \$1,722.64

Mental Health/Medical Integration Project
Interact for Health
PI: Nicole Kinzeler
2016 expenditures: \$11,108.02

Ohio SBIRT
Ohio Department of Mental Health and Addiction Services
PI: Nicole Kinzeler
2016 expenditures: \$160,748.09

Peer Movement Project (PMP)
Substance Abuse & Mental Health Services Admin. (SAMHSA)
PI: Nicole Kinzeler
2016 expenditures: \$16,827.90

Telomere Length Dynamics in Relation to Changes in Adiposity and Metabolic Risk
National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)
PI: Miryoung Lee
2016 expenditures: \$47,032.52

Craniofacial Growth Trajectories

National Institute of Dental Research (NIDR)
PI: Ramzi Nahhas
2016 expenditures: \$174,720.78

Aerospace Medicine Residency Program
The National Aeronautics and Space Administration (NASA)
PI: Dean Olson
2016 expenditures: \$303,711.66

Dress your Dog Here: The Impact of Pairing Vegetables with Popular Entrée Items
Cornell University
PI: Marietta Orłowski
2016 expenditures: \$18,510.35

Smarter Lunchroom
Ohio Department of Education
PI: Marietta Orłowski
2016 expenditures: \$2,644.17

Epidemiology Services Contract
Public Health – Dayton & Montgomery County
PI: Sara Paton
2016 expenditures: \$264,349.00

Comparing Interventions for Opioid Dependent Patients presenting in Medicals EDs
University of New Mexico
PI: Richard C. Rapp
2016 expenditures: \$55,740.08

Improved Head-Neck Finite Element Model for Dynamic Head Impact Simulation
Johns Hopkins University
Army
PI: Richard Sherwood
2016 expenditures: \$27,833.56

Genetic Epidemiology of Ocular Health and Disease
Texas Biomedical Research Institute
PI: Bradford Towne
2016 expenditures: \$2,464.43

Skeletal Maturity/Radiograph Consulting
Financial Manager: Bradford Towne
2016 expenditures: \$22,811.87

Continuing Sustaining and Advancing the Work of the Montgomery County Prevention Coalition

Montgomery County ADAMH Services Board
PI: Josephine Wilson
2016 expenditures: \$2,343.05

Disability and Rehabilitation Research Program
Administration for Community Living
PI: Josephine Wilson
2016 expenditures: \$284,505.88

East Dayton AWARE Project
Montgomery County ADAMH Services Board
PI: Josephine Wilson
2016 expenditures: \$3,466.47

Field Initiated Program
Administration for Community Living
PI: Josephine Wilson
2016 expenditures: \$146,571.56

Montgomery County (OH) SAMHSA 2015 Drug Court Grant
Montgomery County Common Pleas Court
PI: Josephine Wilson
2016 expenditures: \$12,256.88

Risky Business Program
Montgomery County ADAMH Services Board
Ohio Department of Mental Health and Addiction Services
PI: Josephine Wilson
2016 expenditures: \$40,328.64

Second Chance Initiative
Montgomery County ADAMH Services Board
PI: Josephine Wilson
2016 expenditures: \$19,889.53

Sisterline: Substance Abuse Treatment and HIV Prevention for African-American Women at High Risk for HIV/AIDS in Montgomery County OH
Substance Abuse & Mental Health Services Admin. (SAMHSA)
PI: Josephine Wilson
2016 expenditures: \$46,545.82

Papers in Refereed Journals

Bowman MA, Seehusen DA, Neale AV. Family medicine research that provides compelling, urgent data to improve patient care. Editors' Note. J Am Board Fam Med. January-February 2016 29(1):1-3. DOI: 10.3122/jabfm.2016.01.150349 PMID: 26769869

Bowman MA, Neale AV, Seehusen DA. Outcomes of health system structure, highly pertinent clinical information, idea stimulators, clinical reviews, and prediction tools: JABFM exemplified. Editors' Note. *J Am Board Fam Med*. March-April 2016;29(2):171-172. DOI: 10.3122/jabfm.2016.02.160027. PMID 26957371

Bowman MA, Neale AV, Seehusen DA. Social determinants of health and beyond: information to help family physicians improve patient care. Editors' Note. *JABFM* May-June 2016; 29:295-296. DOI: 10.3122/jabfm.2016.03.160099

Bowman MA, Neale AV, Seehusen DA. Research in family medicine by family physicians for the practice of family medicine. Editors' Note. *J Am Board Fam Med*. July-August 2016; 29:427-429. DOI: 10.3122/jabfm.2016.04.160159

Carlson RG, Nahhas RW, Martins SS, Daniulaityte R. Predictors of transition to heroin use among non-opioid dependent illicit pharmaceutical opioid users: a natural history study. *Drug and Alcohol Dependence*. 2016; 160:127-134. DOI 10.1016/j.drugalcdep.2015.12.026. PMID 26785634. PMCID PMC4767561

Daniulaityte R, Chen L, **Lamy F, Carlson R**, Thirunarayan K, Sheth A. "When 'bad' is 'good'": Identifying personal communication and sentiment in drug-related tweets." *Journal of Medical Internet Research: Public Health and Surveillance*. October 24 2(2):e162. <http://publichealth.jmir.org/2016/2/e162/>

Gebhart ME. Does Pre-hydration Lessen Adverse Health Events At A Mass Gathering? *Emergency Management Arch*. 2016; 7: 56-59.

Gebhart ME. Public Health Impact of Mass Gatherings. *Journal of Airport Science*. 2016; 4: 211-215.

Guina J, **Nahhas RW**, Goldberg AJ, Farnsworth S. PTSD symptom severities, interpersonal traumas and benzodiazepines are associated with substance-related problems in trauma patients. *Journal of Clinical Medicine*. 2016; 5(8):70. DOI 10.3390/jcm5080070. PMID 27517964

Johnson W, **Choh AC, Lee M, Towne B, Czerwinski SA**, Demerath EW. Is infant body mass index associated with adulthood body composition trajectories? An exploratory analysis. *Ped Obesity*. Jan 12, 2016; DOI 10.1111/IJPO.12100. [Epub ahead of print] PMID 26756208

Kashou N, Dar I, Hasenstab K, **Nahhas RW**, Jadcherla S. Somatic stimulation causes fronto-parietal cortical changes in neonates: an fNIRS study. *Neurophotonics*. 2016; 4(1):011004. DOI 10.1117/1.NPh.4.1.011004

Kashou N, Giacherio B, **Nahhas RW**, Jadcherla S. Hand grasping and finger tapping induced similar fNIRS cortical responses. *Neurophotonics*. 2016; 3(2):025006. DOI 10.1117/1.NPh.3.2.025006. PMID 27335888. PMCID PMC4909125

Khalil N, Chen A, **Lee M**, **Czerwinski SA**, **Ebert JR**, DeWitt JC, Kannan K. Association of perfluoroalkyl substance, bone mineral density, and osteoporosis in the U.S. population in NHANES 2009-2010. *Environ Health Perspect.* 2016; 124(1):81-7, PMC4710590

Lamy FR, **Daniulaityte R**, Sheth A, **Nahas RW**, Martins SS, Boyer EW, **Carlson RG**. Those edibles hit hard: Exploration of Twitter data on cannabis edibles in the U.S. *Drug and Alcohol Dependence*, 2016, 164:64-70. DOI 10.1016/j.drugalcdep.2016.04.029. PMID 27185160. PMCID PMC4893972

Lamy FR, Quinn B, Dwyer R, Thomson N, Moore D, Dietze P. TreatMethHarm: An Agent-Based Simulation of How People Who Use Methamphetamine Access Treatment. *Journal of Artificial Societies and Social Simulation.* 2016; 19(2).

Lee M, **Ebert JR**, Kadakia MP, Zhang J, **Czerwinski SA**. Inverse associations between cardiometabolic risk factors and 25-hydroxyvitamin D in obese American children and adolescents. *Am, J Hum Bio.* 2016; 28(5):736-42. PMID:27135761

Lee M, Pascoe JM, McNicholas CI. Rading, mathematics and fine motor skills at 5 years of age in US children who are extremely premature at birth. *Matern Child Health J.* Jul 16, 2016; DOI 10.1007/s10995-016-2109-7 [Epub ahead of print] PMID:27423237

Lehrer DS, Pato MT, **Nahas RW**, Miller BJ, Malaspina D, Sobell JL, Buckley PF, Pato CN. Paternal age effect: Replication in schizophrenia with intriguing dissociation between bipolar with and without psychosis. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics.* 2016; 171(4):495-505. DOI 10.1002/ajmg.b.32334. PMID 26183902

Limberg, Johnstone, **Filloon T**, Catrenich. "Performance Equivalence and Validation of the Soloris Automated System for Quantitative Microbial Content Testing Using Pure Suspension Cultures" *Journal of AOAC International.* 2016; 99:5, 1331-1337.

Lu Y, Day FR, Gustafsson S, Buchkovich ML, Na J, Bataille V, Cousminer DL, Dastani Z, Drong AW, Esko T, Evans DM, Falchi M, Feitosa MF, Ferreira T, Hedman AK, Haring R, Hysi PG, Iles MM, Justice AE, Kanoni S, Lagou V, Li R, Li X, Locke A, Lu C, Magi R, Perry JRB, Pers TH, Qi Q, Sanna M, Schmidt EM, Scott WR, Shungin D, Teumer A, Vinkhuyzen AAE, Walker RW, Westra H-J, Zhang M, Zhang W, Zhao JH, Zhu Z, Afzal U, Ahluwalia TS, Bakker SJL, Bellis C, Bonnefond A, Borodulin K, Buchman AS, Cederholm T, **Choh AC**, Choi HJ, Curran JE, de Groot LCPGM, De Jager PL, Dhonukshe-Rutten RAM, Enneman AW, Eury E, Evans DS, Forsen T, Friedrich N, Fumeron F, Garcia ME, Gartner S, Han B-G, Havulinna AS, Hayward C, Hernandez D, Hillege H, Ittermann T, Kent JW, Kolcic I, Laatikainen T, Lahti J, Leach IM, Lee CG, Lee J-Y, Liu T, Liu Y, Lobbens S, Loh M, Lyytikainen L-P, Medina-Gomez C, Michaelsson K, Nalls MA, Nielson CM, Oozageer L, Pascoe L, Paternoster L, Polasek O, Ripatti S, Sarzynski MA, Shin CS, Narancic NS, Spira D, Srikanth P, Steinhagen-Thiessen E, Sung YJ, Swart KMA, Taittonen L, Tanaka T, Tikkanen E, van der Velde N, van Schoor NM, Verweij N, Wright AF, Yu L, Zmuda JM, Eklund N, Forrester T,

Grarup N, Jackson AU, Kristiansson K, Kuulasmaa T, Kuusisto J, Lichtner P, Luan Ja, Mahajan A, Mannisto S, Palmer CD, Ried JS, Scott RA, Stancakova A, Wagner PJ, Demirkan A, Doring A, Gudnason V, Kiel DP, Kuhnel B, Mangino M, McKnight B, Menni C, O'Connell JR, Oostra BA, Shuldiner AR, Song K, Vandenput L, van Duijn CM, Vollenweider P, White CC, Boehnke M, Boettcher Y, Cooper RS, Forouhi NG, Gieger C, Grallert H, Hingorani A, Jorgensen T, Jousilahti P, Kivimaki M, Kumari M, Laakso M, Langenberg C, Linneberg A, Luke A, McKenzie CA, Palotie A, Pedersen O, Peters A, Strauch K, Tayo BO, Wareham NJ, Bennett DA, Bertram L, Blangero J, Bluher M, Bouchard C, Campbell H, Cho NH, Cummings SR, **Czerwinski SA**, Demuth I, Eckardt R, Eriksson JG, Ferrucci L, Franco OH, Froguel P, Gansevoort RT, Hansen T, Harris TB, Hastie N, Heliovaara M, Hofman A, Jordan JM, Jula A, Kahonen M, Kajantie E, Knekt PB, Koskinen S, Kovacs P, Lehtimaki T, Lind L, Liu Y, Orwoll ES, Osmond C, Perola M, Perusse L, Raitakari OT, Rankinen T, Rao DC, Rice TK, Rivadeneira F, Rudan I, Salomaa V, Sorensen TIA, Stumvoll M, Tonjes A, **Towne B**, Tranah GJ, Tremblay A, Uitterlinden AG, van der Harst P, Vartiainen E, Viikari JS, Vitart V, Vohl M-C, Volzke H, Walker M, Wallaschofski H, Wild S, **Wilson JF**, Yengo L, Bishop DT, Borecki IB, Chambers JC, Cupples LA, Dehghan A, Deloukas P, Fatemifar G, Fox C, Furey TS, Franke L, Han J, Hunter DJ, Karjalainen J, Karpe F, Kaplan RC, Kooner JS, McCarthy MI, Murabito JM, Morris AP, Bishop JAN, North KE, Ohlsson C, Ong KK, Prokopenko I, Richards JB, Schadt EE, Spector TD, Widen E, Willer CJ, Yang J, Ingelsson E, Mohlke KL, Hirschhorn JN, Pospisilik JA, Zillikens MC, Lindgren C, Kilpelainen TO, Loos RJF. New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. *Nature Communications*. 2016; 7:10495.

Malina RM, **Choh AC**, **Czerwinski SA**, **Chumlea WC**. Validation of Maturity Offset in the Fels Longitudinal Study. *Pediatric Exercise Science*. 2016; 28(3):439-455. PMID 26757350

Peterson MJ, Pieper CF, Morey MC, Kraus VB, Kraus WE, Sullivan P, Cohen HJ. A novel analytic technique to measure associations between circulating biomarkers and physical performance across the adult lifespan. *J Gerontol A Biol Sci Med Sci*. 2016; 71(2):196-202. PMID 25745025

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Riederer AM, Campleman SL, **Carlson RG**, Boyer EW, Manini AF, Wax PM, Brent JA. Acute Poisonings from Synthetic Cannabinoids — 50 U.S. Toxicology Investigators Consortium Registry Sites, 2010–2015. *Toxicology Investigators Consortium. Morbidity and Mortality Weekly Report*. 65(27): 692-695.

Smith TD, **Redko C**, **Rogers NL**, Adan E. Female genital mutilation Current practices and perceptions in Somaliland. *Global Journal of Health Education and Promotion*. 2016; doi: <http://dx.doi.org/10.18666/GJHEP-2016-V17-I2-7101>

Smith TD, **Redko C, Rogers N**, Ismail EA. Female Genital Mutilation: Current Practices and Perceptions in Somaliland. *Global Journal of Health Education and Promotion*. 2016; DOI: <http://dx.doi.org/10.18666/GJHEP-2016-V17-I2-7101>

Whitaker KM, **Choh AC, Lee M, Towne B, Czerwinski SA** and Demerath EW. Sex differences in the rate of abdominal adipose accrual during adulthood: the Fels Longitudinal Study. *International Journal of Obesity*. 2016; 40(8):1278-1285. PMC4970892

White MT. Musical Activity across the Lifespan as it contributes to Quality of Life. *International Journal of Community Music*. 2016; 9(2):157-170

Zeola MP, Guina J, **Nahhas RW**. Mental health referrals reduce recidivism in first-time juvenile offenders, but how do we determine who is referred? *Psychiatric Quarterly*. 2016; [Epub ahead of print]. DOI 10.1007/s1126-016-9445-z. PMID 27241528

Books, Chapters, Reviews

None

Abstracts/Poster Presentations

Biedenharn, A., **Redko, C.**, Herchline, T. "Assessment of Knowledge and Attitudes on Latent Tuberculosis Treatment Acceptance in a Southwest Ohio Public Health Clinic." Presentation: APHA 144th Annual Meeting. Denver, Colorado. October 29-November 2, 2016 (Abstract, 354191)

Ellison, Sylvia. "Ohio Institute for Equity in Birth Outcomes, Think for Two – Dayton & Montgomery County". OEI Gathering. Columbus, Ohio.

Sylvia Ellison and **Sara Paton**. "City MatCH Equity Institutes Symposium." City MatCH/Maternal Child Health Epidemiology Conference. Philadelphia, Pennsylvania. September 2016.

Embree JA, Huber J, Taylor KC, **Wilson JF**. "Using Semantic Textual Similarity to Improve Back Translation and Validation of Instruments in American Sign Language (ASL)." American Psychological Association Annual Meeting. Denver, Colorado. October 6, 2016.

Embree JA, Wilson JF, Taylor K, Guthmann D. "Using Semantic Textual Similarity (STS) to Improve Back Translation and Validation of Instruments in American Sign Language (ASL)." American Public Health Association Annual Meeting. November 01, 2016. Denver, Colorado.

Firesheets K, **Kinzler N, Miracle T, Wilson JF**. "Analyzing the effectiveness of an integrated care model on patients with a mental health diagnosis." Presented: annual meeting of the American Public Health Association (APHA). Denver, Colorado.

Ford JA, Kinzeler N, Kissell KM, Williams J, Duncan-Alexander T. “Knowledge and behavior change maintained post-program for African American women enrolled in substance abuse and HIV prevention.” Presented at the annual meeting of the American Public Health Association (APHA). Denver, Colorado.

Guthmann D, **Wilson JF, Embree JA,** Titus J, Sligar S. “Utilizing an Online Suite of Career, Substance Abuse and Mental Health Assessments in American Sign Language.” American Public Health Association Annual Meeting. Denver, Colorado. November 2, 2016.

Kinzeler N, Embree JA, Wilson JF. “Exploring connections between social connectedness and suicidal behavior in a deaf population with co-occurring substance use disorder.” Presentation: annual meeting of the Southwestern Disability Conference. Albuquerque, New Mexico.

Kinzeler N, Kissell K, Peters M, Firesheets K, **Wilson JF.** “Mental Health First Aid is having a positive impact on the knowledge and attitudes of trainees in Ohio, Kentucky, and Indiana.” Presentation: annual meeting of the American Academy of Health Behavior. Jacksonville, Florida.

Kinzeler N, Miracle T, Firesheets K, **Wilson JF.** “Integrated care has a positive impact on the health of SPMI patients in a multi-state study.” Presented: annual meeting of the American Academy of Health Behavior. Jacksonville, Florida.

Kissell K, Kinzeler N, Peters M, Firesheets K, **Wilson JF.** “Using the knowledge and attitudes of community stakeholders to inform a multi-state Mental Health First Aid initiative.” Presented: annual meeting of the American Academy of Health Behavior. Jacksonville, Florida.

Kissell K, Kinzeler N, Williams C, Hardin L, Brown K, Wilson JF. “Relationship between age of onset and current substance use for African Americans over the age of 50.” Presented: annual meeting of the American Academy of Health Behavior. Jacksonville, Florida.

Knisley L, **Rogers NL.** “Barriers to successful breastfeeding in a formula-feeding culture: Perspectives of WIC employees in Appalachian Ohio.” Poster presented: Breastfest 2016, the Annual Educational Conference of the Ohio Lactation Consultant Association. Dublin, Ohio. March 11-12, 2016.

Lamy F, Nahhas RW, Boyer E, Sheth A, **Carlson RC, Daniulaityte R.** “Assessing the drug policy implications of synthetic cannabinoid bans through web forum data analysis.” ISSDP 2016. Sydney, Australia.

Lee M, Pascoe JM, Breyer P. “Children’s age, family conflict and children’s HbA1c: Are girls and boys different?” Presented: Practice-Based Research Network Conference (PBRN) North American Primary Care Research Group 2016 meeting. Bethesda, Maryland.

Menke K, Wallace K, **Khalil N**. "Association of Secondhand Smoke Exposure and Gamma Glutamyl-transferase in the U.S. Population." Presented: STREAMS Research Program Wright State University.

Okeke R, **Paton S**, Smith L, **Khalil N**. "Maternal Demographic Characteristics And Breastfeeding Of Low Birth Weight Infants In Ohio In 2012." Presented: state Conference: Ohio Infant Mortality Summit.

Okeke R, **Khalil N**, **Paton S**. 2016. "Association of Maternal Demographics with Breastfeeding of Low Birth Weight Infants in Ohio in 2012." Annual Medical Education Conference. March 2016. Austin Texas.

Peterson MJ, **Czerwinski SA**, Lee M, **Choh A**. "Antecedent and current predictors of performance-based early frailty in midlife and older age: the Fels Longitudinal Study." Journal of Frailty and Aging 5(Suppl 1):41.

Peterson MJ, Lee M, **Choh AC**, **Czerwinski SA**. "Cardiorespiratory Activity Participation and Strength Mediate the Association between Biomarkers and Functional Limitations." Medicine and Science in Sports and Exercise 48:487.

Seybold A, **Orlowski M**, Saunders J, **Paton S**. "Using social media to educate school nutrition professionals." Society for Nutrition Education & Behavior National Conference. July 2016. San Diego, CA.

Wallace K, **Nahas RW**, **Khalil N**. "Older adults with elevated BMI are at greater risk of accelerated knee osteoarthritis: Data from the Osteoarthritis Initiative." state Conference: Ohio Public Health Association Combined Conference. Columbus, Ohio.

Whitaker KM, **Choh AC**, **Lee M**, **Czerwinski SA**, Demerath EW. "Sex Differences in the Rate of Visceral Adipose Tissue Accrual During Adulthood." Circulation 133(Suppl 1):AP289.

White MT, **Paton S**, **Ellison S**, **Dahms K**. "One Approach to Attaining and Demonstrating Ethic Competence." American Public Health Association- Public Health Department Accreditation. October 2016. Denver, Colorado.

Wilson JF, **Embree JA**, Huber J. eCAM: "Addressing multiple barriers to substance abuse treatment." American Public Health Association Annual Meeting. November 02, 2016. Denver, Colorado.

Wilson JF, **Gregory S**, **Huber J**, Hoff A, **Gaddis R**. "Addressing the psychosocial needs of indigent job-seekers." American Public Health Association. October 31, 2016. Denver, Colorado.

Wilson JF, Hoff A, **Richlen WA**, Workman J. "Risky Business: A Gambling Prevention Program for Juvenile Justice-Involved Youth." Ohio Problem Gambling Prevention Conference. March 03, 2016. Columbus, Ohio.

Wilson JF, Huber J, Embree JA. “Cross Substitution of Drugs Following Substance Abuse Treatment That Does Not Include MAT.” American Psychological Association Annual Meeting. August 06, 2016. Denver, Colorado.

Wilson JF, Richlen WA, Workman J, Hoff A. “Risky Business: A Gambling Prevention Program for Juvenile Justice-Involved Youth.” Ohio Promoting Wellness and Recovery Conference. June 28, 2016. Athens, Ohio.

Significant Presentations

Robert Carlson, Ph.D.

“Exploring synthetic cannabinoid effects using web forum data.” Using Social Media to understand and Address Substance Use and Addiction CRAN Grantee Meeting. National Institute on Drug Abuse. Bethesda, MD. June 22, 2016. (Lamy, Sheth, Daniulaityte).

Raminta Daniulaityte, Ph.D.

“eDrugTrends: Tracking emerging cannabis use trends with social media.” Meeting: College on Problems of Drug Dependence. June 11-16, 2016. Palm Springs, California.

“eDrugTrends: Social media analysis to monitor cannabis and synthetic cannabinoid use.” Meeting: Using Social Media to Understand and Address Substance Use and Addiction CRAN Grantee. National Institute on Drug Abuse. June 22-23, 2016. Bethesda, Maryland.

“Exploring synthetic cannabinoid effects using web forum data.” Using Social Media to understand and Address Substance Use and Addiction CRAN Grantee Meeting. National Institute on Drug Abuse. Bethesda, MD. June 22, 2016. (Lamy, Sheth, Carlson).

Sylvia Ellison, M.A., M.P.H.

Equity Institutes Symposium – National and Ohio Equity Institutes Reflect on 3 Years of Work. Maternal & Child Health Epidemiology & CityMatCH Leadership Combined Conferences. Philadelphia, Pennsylvania.

Public Health Department Accreditation: One Approach to Attaining and Demonstrating Ethics Competence. American Public Health Association Annual Meetings. Denver, Colorado. (Dahms, Paton, White).

Thomas Filloon, Ph.D.

“Visualizing & Validating CO\$T Optimization.” Wright State University Math & Statistics Department Colloquium. Alumni Guest Speaker. 75th Anniversary. North Carolina State Statistics Department.

Jo Ann Ford, MRC

SAMSHA MAI CoC Webinar Series: Grantee Roundtable Discussion. Webinar presentation: Substance Abuse and Mental Health Administration and other grantees. February 16, 2016.

Heroin Epidemic in the IDD Population. Webinar presentation: Ohio Department of Developmental Disabilities. August 12, 2016. (Wilson).

Knowledge and behavior change maintained post-program for African American women enrolled in substance abuse and HIV prevention. Presented: annual meeting of the American Public Health Association (APHA). Denver, Colorado. (Kinzeler, Kissell, Williams, Duncan-Alexander).

Thomas F. Jarnot, M.D., M.S.

“Wright State University Division of Aerospace Medicine Flight Training Curriculum.” AsMA 87th Annual Conference. April 2016. Atlantic City, New Jersey.

Community Outreach

Guest Speaker – Flying Neutrons Pilot Club; Pilots Bill of Rights II, FAA Medical Certification Update. January 2016. Warren County Airport. Lebanon, Ohio.

Guest Speaker – Dayton Regional STEM School; Flight 101 Student Immersion Course. June 2016.

Guest Speaker – Catholic Central High School, Springfield OH; STEM Club NASA/Aerospace Careers Presentation. November 2016.

Nicole Kinzeler, Ph.D.

Overview of the SARDI program. Wescare meeting. August 2016.

Francois Lamy, Ph.D.

“Exploring synthetic cannabinoid effects using web forum data.” Using Social Media to understand and Address Substance Use and Addiction CRAN Grantee Meeting. National Institute on Drug Abuse. Bethesda, MD. June 22, 2016. (Carlson, Daniulaityte, Sheth).

Miryong Lee, Ph.D.

“The Fels Longitudinal Study: Childhood Growth & Obesity.” Research Seminar: University of California (UCSD) School of Medicine, Department of Pediatrics, Rady Children’s Campus. March 17, 2016. San Diego, California.

Marietta Orlowski, Ph.D., MCHES

“Establishing an effective health education program in your plastic surgery practice.” 59th Meeting of the Ohio Valley Society of Plastic Surgeons. June 2016. Dayton, Ohio.

“Using social media to educate school nutrition professionals.” Society for Nutrition Education & Behavior National Conference. July 2016. San Diego, California. (Seybold A, Saunders).

Mary T. White, MDiv, EdM, Ph.D.

“One Approach to Attaining and Demonstrating Ethics Competence.” Public Health Accreditation APHA. October 31, 2016. Denver, Colorado.

Facilitator: Medical Interpretation from the Inside: Perspectives from an Interpreter, an Advocate, and a Physician. Community and Court Interpreters of Ohio (CCIO). June 23, 2016. Columbus, Ohio. (Ingabire, Conway).

Poster: Developing a global health research workforce: basic competencies for health professional trainees, their mentors, and host collaborators. Consortium of Universities for Global Health (CUGH). April 9-12, 2016. San Francisco, California. (Blackard, Satterfield).

Overview of Accreditation process at PHDMC. West Central Ohio Region's Accreditation Coordinators' Meeting, Clark County Combined Health District. Jan 22, 2016. Springfield, Ohio.

Josephine F. Wilson, D.D.S., Ph.D.

"Providing Online VR Services to Populations with Disabilities: Lessons Learned." Invited talk, Council of State Administrators of Vocational Rehabilitation (CSAVR) annual meeting. November 8, 2016. San Diego, California. (Embree, Kapp).

"Substance Abuse: Risk and Protective Factors." Invited talk, Montgomery County Drug-Free Community Opioid Prevention Education. October 26, 2016. Dayton, Ohio.

"Ohio's Heroin Epidemic and Its Impact on Individuals with Developmental Disabilities, Families, and Staff." Invited talk, Ohio Department of Developmental Disabilities. August 12, 2016. Columbus, Ohio. (Ford).

"The Developing Brain: Truth & Consequences." Invited talk, Children Matter Montgomery County. July 22, 2016. Dayton, Ohio.

Consultantships

Marjorie Bowman, M.D., M.P.A.

- Consultant: University of Alabama, concerning the Department of Family Medicine

Robert Carlson, Ph.D.

- Invited member of the National Drug Early Warning System's Scientific Advisory Group. University of Maryland; Eric Wish, PI.

Sylvia Ellison, M.A., M.P.H.

- Consultant: Baby Friendly USA on policy matters pertaining to the Ten Steps to Successful Breastfeeding (hospital-based maternity care practices)

Thomas Jarnot, M.D., M.S.

- Balloon Federation of America's (BFA) Professional Balloon Ride Operators; "providing expert medical opinion to the BFA: regarding the July 30, 2016 balloon accident" near Lockhart, Texas.

Dean Olson, M.D., M.S., M.S.

- FAA Center of Excellence for Commercial Spaceflight Medical Standards.
- FAA Center of Excellence – Air Traffic Controller Training
- University of Texas Medical Branch Aerospace Medicine Program/NASTAR Commercial Space Flight Centrifuge Testing Participant

Sharon Sherlock, D.H.A., M.S.A., B.S.N., R.N.,

- Muslim Clinics of Ohio, Xenia Free Clinic

Josephine Wilson, D.D.S., Ph.D.

- Evaluation Consultant, Montgomery County Prostitution Intervention Project
- Evaluation Consultant for Second Step, Samaritan Behavioral Health/United Against Violence
- Evaluation Consultant Team Member, Problem Gambling Evaluation Team for OhioMHAS
- Reviewer, SAMHSA grants

Other Recognition

Marjorie Bowman, M.D., M.P.A.

- Board Member, Annals of Family Medicine, Inc.
- Editorial, Journal of the American Board of Family Medicine
- Member, Institute of Medicine/National Academy of Sciences Committee for Evaluation of Research Management by DoD Congressionally

Robert Carlson, Ph.D.

- Faculty member, Kno.e.sis (Ohio Center of Excellence in Knowledge-enabled Computing) <http://knoesis.wright.edu/aboutus/people>
- Reviewer, manuscript, American Journal of Public Health
- Reviewer, manuscript, American Journal on Addictions
- Reviewer, manuscript, Drug and Alcohol Dependence
- Reviewer, manuscript, Drug and Alcohol Review
- Reviewer, manuscript, International Journal of Drug Policy
- Reviewer, Journal of Human Hypertension

Raminta Daniulaityte, Ph.D.

- Faculty member, Kno.e.sis (Ohio Center of Excellence in Knowledge-enabled Computing) <http://knoesis.wright.edu/aboutus/people>
- Reviewer, manuscript, Drug and Alcohol Dependence
- Reviewer, manuscript, International Journal of Drug Policy
- Reviewer, manuscript, Journal of Medical Internet Research
- Reviewer, manuscript, Journal of Psychoactive Drugs
- Reviewer, manuscript, Social Science and Medicine,

Michael Dohn, MD, MSc

- Elected to Gamma Alpha chapter of the Delta Omega honorary public health society.
- Accepted as a Fellow of the Royal Society for Public Health.

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.

- Board of Directors, American Journal of Preventive Medicine

- Item writer for examination, National Board of Public Health Examiners
- Reviewer, Journal of Adolescent Health
- Reviewer, Journal of Pediatrics
- Board of Directors, Association for Prevention, Teaching and Research.
- Board of Directors, National Board of Public Health Examiners.

Thomas F. Jarnot, M.D., M.S.

- Aerospace Medicine, Board Certified, American Board of Preventive Medicine, Aerospace Medicine
- Family Medicine, Board Eligible, American Board of Family Medicine, 2006
- Occupational Medicine, Board Eligible, American Board of Preventive Medicine, Occupational Medicine

Naila Khalil, Ph.D., M.B.B.S., M.P.H.

- Reviewer, Journal: Chemosphere
- Reviewer, Journal: Environment International
- Reviewer, Journal: Environmental Research
- Reviewer, Journal: Scientific Reports

Francois Lamy, Ph.D.

- Reviewer, Manuscript, Drug and Alcohol Dependence
- Reviewer, Manuscript, International Journal of Drug Policy
- Complete an online class on ArcGIS ("Going Places with Spatial Analysis") provided by ESRI

Miryoung Lee, Ph.D., M.P.H., M.S.

- Editorial Board, Journal: Frontiers in Genetics
- Peer Reviewer, Manuscript: Bone & Joint Research

Ramzi Nahhas, Ph.D.

- Ad-hoc reviewer, American Journal of Human Biology and BMC Research Notes

Dean Olson, M.D., M.S., M.S.

- Reviewer, Aerospace Medical Association Scientific Abstract
- Editorship: EMRA Fellowship Guide for the Emergency Physicians – Opportunities for Emergency Medicine Physicians, EMRA Publishing, Irving, Texas, September 2016.

Sara Paton, Ph.D.

- Invited speaker: Heroin Epidemic Community Conversation. May 2016. Montgomery County, Ohio
- Asked by CityMatCH to be a mentor for *CityLeaders*. Mentoring an MCH Epidemiologist in Sedona, Arizona

Matthew Peterson, Ph.D.

- Inducted as Fellow, Gerontological Society of America, Annual Scientific Meeting
- Reviewer, Journal of Aging & Physical Activity

Cristina Redko, Ph.D.

- Health and Place – Peer reviewer of manuscript
- Book Proposal reviewed for SAGE (Using Dedoose for Qualitative and Mixed Methods Research. A Practical Approach Across the Social Sciences)

Nikki Rogers, Ph.D.

- Faculty Member of the Year: awarded by student vote

Sharon Sherlock, D.H.A.

- Expansion of Facility

Bradford Towne, Ph.D.

- Visiting Professor, Department of Medicine, Chitwan Medical College, Chitwan, Bharatpur, Nepal

Josephine Wilson, D.D.S., Ph.D.

- Editorial Board, Journal of Family Medicine & Community Health
 - Reviewer, American Public Health Association, abstracts for 2016 annual meeting, ATOD section
 - Reviewer, Educational Psychology
 - Reviewer, Psychological Reports
 - Reviewer and Scientific Panel, National Science Foundation, Graduate Research Fellowship Program
-

6. Summary of Service Activities – Committee Membership/Officer

Boonshoft School of Medicine

Robert Carlson, Ph.D.

- Chair, Appointment, Promotions and Continuances Committee, Department of Population and Public Health Sciences
- Member, Faculty Promotion and Advancement Committee, BSoM (elected)

Raminta Daniulaityte, Ph.D.

- Member, Opioid Working Group, Boonshoft School of Medicine

Michael Dohn, M.D., MSc

- Chair, MPH Program Semester Course Review
- Chair, Public Health Grand Rounds Planning Committee
- Member, MPH Curriculum Committee
- Sub-Committee 4, LCME Self-Study

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.

- Board of Directors, Wright State Physicians

Sylvia Ellison, M.P.H., M.A.

- Member, Faculty Search Committee, Department of Community Health & Department of Family Health, Position: Collaborative Biostatistician, Assistant/Associate Professor
- Member, Liaison Committee on Medical Education (LCME) accreditation subcommittees reviewing Standard 5 (educational resources and infrastructure) and Standard 7 (curricular content)

Mark E. Gebhart, M.D.

- Development of the Master of Science Emergency Management and Disaster Preparedness working group

Thomas Jarnot, M.D., M.S.

- Clinical and Faculty Affairs CME Committee

Francois Lamy, Ph.D.

- Member, Opioid Working Group

Miryoung Lee, Ph.D., M.P.H., M.S.

- Member, Graduate Council
- Member, Policy Subcommittee/Graduate Council
- Member, Southwest Ohio Ambulatory Research Network (SOAR-Net) Leadership Committee, Department of Pediatrics, BSOM

John McAlearney, Ph.D.

- Admissions Committee, Health Care Management Certificate Program
- Chair, BSOM Graduate School Curriculum Committee
- Chair, Graduate School Curriculum Committee A
- Chair, MPH Curriculum Committee
- Director, Health Care Management Certificate Program
- Director, Public Health Leadership Certificate Program
- MPH Accreditation Committee
- MPH Admissions Committee
- MPH Core Faculty Committee
- Representative, BSoM Graduate Council

Ramzi Nahhas, Ph.D.

- Research Committee (elected)
- Medical Student Research Symposium, Poster Judge (volunteer)
- Research Sub-Specialty Committee, Strategic Plan Committee, Department of Psychiatry (appointed)
- Chair, Search Committee, Collaborative Biostatistician faculty position (appointed)

Marietta Orlowski, Ph.D., M.C.H.E.S.

- Chapter President & Chairperson, Delta Omega-Gamma Alpha Chapter
- Faculty Member, MPH Curriculum Committee
- HPE Concentration Director, MPH Admissions Committee

Sara Paton, Ph.D.

- Member, Graduate Faculty
- Vice President, Delta Omega-Gamma Alpha Chapter

Matthew Peterson, Ph.D.

- Master's Thesis Committee, University of Dayton, Exercise Science

Cristina Redko, Ph.D.

- Dean's Designee, BSoM Faculty Curriculum Committee
- Co-Chair, BSoM LCME Sub-committees Standard 1 & 2
- Member, MPH Admissions Committee
- Member, MPH Curriculum Committee
- Member, MPH Faculty Committee

Nikki Rogers, Ph.D.

- Faculty, Curriculum, Research Support Committee, CEPH Accreditation
- Member, Breastfeeding Institute at Wright State University

Mary T. White, MDiv, EdM, Ph.D.

- Chapter Coordinator, Gold Foundation Humanism Honor Society, BSoM
- Member, Doctoring Committee, new curriculum
- Member, Nominations Committee, BSoM
- Member, Professionalism task force, new curriculum
- Member, Scholarly Project task force, new curriculum
- Officer, Women's Liaison/Group on Women in Medicine and Science & Association of American Medical Colleges
- Steering Committees: Ob/Gyn and Internal Medicine clerkships

Josephine Wilson, D.D.S., Ph.D.

- Promotion Committee, Department of Population and Public Health Sciences

Wright State University

Raminta Daniulaityte, Ph.D.

- Faculty Budget Priority Committee

Naila Khalil, Ph.D., M.B.B.S., M.P.H.

- Associate Graduate Faculty Membership, Wright State University School of Graduate Studies

Ramzi Nahhas, Ph.D.

- International Program Collaboration Committee (IPCC) (a subcommittee of the International Education Advisory Committee (IEAC), Faculty Senate (appointed).
- Member, Search Committee, Director of Statistical Consulting Center faculty position, Department of Mathematics and Statistics (appointed).

Sara Paton, Ph.D.

- Biostatistics Group
- Chair, MPH Admissions Committee

- Chair, MPH Advisory Board
- Member, Curriculum Committee, MPH Program

Cristina Redko, Ph.D.

- Member (selected); Faculty Advisory Board, Center for Teaching and Learning
- Member (appointed); WSU Library Task Force
- Member (appointed); International Recruitment and Outreach Committee

Nikki Rogers, Ph.D.

- Member, Social Wrighting™: Women’s Center

Mary T. White, MDiv, EdM, Ph.D.

- Gender Based Harassment and Violence Prevention
- UCIE Advisory Committee on Internationalizing the Curriculum

Josephine Wilson, D.D.S., Ph.D.

- Faculty Representative, Federal Demonstration Partnership
 - Member, Opioid Working Group
 - Member, WSU Research Council
-

Hospital or Affiliated Institution

Marietta Orlowski, PhD, MCHES

- Board of Trustees, Premier Community Health

Mary T. White, MDiv, EdM, Ph.D.

- Member: Dayton Area Ethics Consortium
 - Member: Dayton Children’s IRB (alternate)
 - Member: Hospice of Dayton, Ethics Committee
 - Member: Kettering Hospital Ethics Committee
 - Member: Premier Health Systems Health and Social Services sub-committee
 - Public Health Dayton & Montgomery County
-

State/Local

Marjorie Bowman, M.D.

- Co-Lead, Decide to be Heard – the Greater Dayton Area Advance Care Planning Initiative
- Member, Advisory Board, A Special Wishes Foundation (Dayton)

Robert Carlson, Ph.D.

- Member invited, Community Overdose Action Committee. Data Branch. Public Health Dayton & Montgomery County. Dayton, Ohio
- Vetted Member, Addiction Roundtable. Ohio Department of Mental Health and Addiction Services. Meets monthly in Columbus, Ohio

Michael Dohn, M.D., MSc

- Liaison, South West District of the Association of Ohio Health Commissioners
- Liaison, South West Ohio Public Health Accreditation Learning Community
- Member, AOHC Fall Conference Planning Committee

- Member, Public Health Combined Conference Planning Committee

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.

- Academic Representative, Executive Board, Ohio Public Health Association

Sylvia Ellison, M.A., M.P.H.

- Baby Friendly Hospital Initiative, Ohio Department of Health (ODH)
- Breastfeeding Alliance, Ohio
- Chronic Disease Prevention, Ohio Department of Health (ODH)
- Lactation Consultant Association, Conference Planning Committee, Poster Session Organizer, Ohio
- National Performance of Measure Work Group, Ohio Department of Health (ODH)
- Ohio Institute for Equity in Birth Outcomes, Ohio Department of Health (ODH)
- Prevent Infant Mortality, Ohio Collaborative

Thomas F. Jarnot, M.D., M.S.

- Chair; Flight and Operational Medicine Working Group: 178Wing, 178MDG, Ohio Air National Guard, Springfield, Ohio
- Chair, Occupational and Environmental Health Working Group, Ohio Air National Guard (OEHWG), 178th Wing, 178th Medical Group, Springfield, Ohio

Nicole Kinzeler, Ph.D.

- Member, advisory board for the Regional Integrated Care project
- Member, Fetal Alcohol Spectrum Disorder (FASD) Coalition
- Member, planning group and advisory board for the Regional Mental Health First Aid Initiative
- Member, policy steering committee for the statewide OHIOMHAS SBIRT Initiative

Dean Olson, M.D., M.S., M.S.

- Dayton Area Graduate Medical Education Committee
- Residency Advisory Committee Member USAF Aerospace Medicine

Marietta Orlowski, Ph.D., MCHES

- Member, Ohio Chapter Society for Public Health Education
- Project Evaluator, OHIO Smarter Lunchrooms

Sara Paton, Ph.D.

- Ohio Collaborative to Prevent Infant Mortality
- Ohio Department of Health Cancer Group
- Ohio Equity Institute for Birth Outcomes
- Ohio Public Health Association

Nikki Rogers, Ph.D.

- Registrar Planning Committee, Breastfest 2016

Sharon Sherlock, D.H.A., M.S.A., B.S.N., R.N.

- Miami Valley Regional Planning Commission

- Montgomery County Safety-Net Task Force
- Rotary Club of Dayton, various committees
- State Ohio Association of Free Clinics Resource Committee

Josephine Wilson, D.D.S., Ph.D.

- Board Member, FASD Coalition of Montgomery County
 - Board Member, Dental Access Now Ohio
 - Board Member, Treasurer for the Organization, Chair of Finance Committee, Glen Helen Association
 - External Permanency Consultant, Montgomery County Children & Family Services
 - Member, Executive Committee, Montgomery County Reentry Policy Board
 - Member, Executive Committee, Montgomery County Women in Reentry
 - Member, Mental Health First Aid Tri-State Planning Committee
-

National

Robert Carlson, Ph.D.

- Grant Reviewer, NIDA/NIH. Special Emphasis Panel/ ZDA1 NXR B03R (2016/10). Seek, Test, Treat, and Retain for Youth and Young Adults Living with or at High Risk for Acquiring HIV. May 17, 2016. Washington, D.C.

Raminta Daniulaityte, Ph.D.

- Grant Reviewer, Review panel, NIDA/NIH. PAR-12-086 entitled, "Cutting-Edge Basic Research Awards (CEBRA) (R21)"

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.

- Chair, Council for Graduate Education, Association for Prevention Teaching and Research (term ended 31 October 2016)
- Member, Board of Directors, National Board of Public Health Examiners
- Secretary/Treasurer, Association of MD/MBA Programs

Sylvia Ellison, M.A., M.P.H.

- National Collaborative to Advance the Ten Steps Ohio representative - UNC Gillings School of Global Public Health

Thomas F. Jarnot, M.D., M.S.

- Aerospace Medicine Association; Aerospace Safety Committee
- Aerospace Medicine Association; Education and Training Committee

Naila Khalil, Ph.D., M.B.B.S., M.P.H.

- Member, American Society of Bone and Mineral Research

Dean Olson, M.D., M.S., M.S.

Aerospace Medical Society:

- a. Co-Chair, Grand Rounds
- b. Scientific Program Review Committee
- c. Aerospace Medicine Safety Committee
- d. Aerospace Medicine Education and Training Committee

e. Jeffery R. Davis Scholarship Committee

Marietta Orlowski, Ph.D., M.C.H.E.S.

- Content Contributor, Healthy Eating Community of Practice – Cornell University Extension
- Reviewer, Health Education & Behavior; Preventing Chronic Disease

Sara Paton, Ph.D.

- American Public Health Association
- Association of Maternal & Child Health Programs
- City MatCH Institute for Equity in Birth Outcomes Travel Team
- Council of State and Territorial Epidemiologists
- Food and Agriculture Protection Training Consortium
- Maternal Child Health Epidemiology Association
- National Association of County and City Health Officials
- National Center for Medical Readiness

Cristina Redko, Ph.D.

- Consortium of Universities for Global Health (CUGH)

Mary T. White, MDiv, EdM, Ph.D.

- Member: APHA Abstract Review
- Member: APHA Ethics Task Force
- Member: APHA Policy Review

OTHER

Robert G. Carlson, Ph.D.

- Fellow, Society for Applied Anthropology
- Member, College on Problems of Drug Dependence

Raminta Daniulaityte, PhD

- Member, College on Problems of Drug Dependence

Sylvia Ellison, M.A., M.P.H.

- Breastfeeding Coalition, Greater Miami Valley
- Breastfeeding Coalition, Greene County
- Infant Mortality Coalition, Public Health-Dayton & Montgomery County
- La Leche League, Yellow Springs
- Safe Routes to School, Yellow Springs
- Vice President (elected), Yellow Springs Exempted Village School District, Board of Education

Ramzi Nahhas, Ph.D.

- Poster Judge, 16th Annual Virginia C. Wood Resident Research Forum, Dayton Area Graduate Medical Education Community (DAGMEC). April 23, 2015
- Poster Judge, Medical Student Research Symposium, Boonshoft School of Medicine
- Volunteer, Science Olympiad Invitational Tournament. Wright State University

Sara Paton, Ph.D.

- Child Fatality Review Board, Montgomery County
- Fetal Alcohol Spectrum Disorder Task Force, Montgomery County
- Get Up Montgomery County
- Incident Management Team, Public Health Dayton & Montgomery County
- Infant Mortality Coalition, Montgomery County, Ohio
- Montgomery County Prevention Collaborative
- Public Health--Dayton & Montgomery County Research Review Panel
- Tobacco Coalition, Montgomery County

Cristina Redko, Ph.D.

- Judge, Ohio Public Health Association Combined Conference (OPHA)

Sharon Sherlock, D.H.A.

- Member, Faculty Mentoring Grant Committee, Wright State Physicians

Mary T. White, MDiv, EdM, Ph.D.

- Curriculum Review: NEOMED New Medical Humanities Program Proposal (x2)

7. Patient Care Summary**James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.**

- Medical Director, Lipid Clinic, Dayton Children's Hospital
- 760 hands-on patient encounters
- Collaborator, advanced practice nurses, 1500 encounters
- Pediatric Hospitalist-DCH-three week's service.

Thomas F. Jarnot, M.D., M.S.

- Cognitive Screening software program, commercial and private pilots who have suffered significant head trauma, central neurologic injury, take specific medications that have neurologic side effects, or who have substance abuse histories
- FAA Flight Physicals; shared between 3 physicians, for 2016 = 260
- Flight Surgeon, Ohio Air National Guard: 178th Medical Group, 178th Fighter Wing, Ohio Air National Guard, Springfield, Ohio
- Senior Medical Examiner, Federal Aviation Administration (FAA) Aviation

Dean Olson, M.D., M.S., M.S.

- Cognitive Screening software program, commercial and private pilots who have suffered significant head trauma, central neurologic injury, take specific medications that have neurologic side effects, or who have substance abuse histories
- FAA Employee Examiner for Air Traffic controllers and prospective hires
- FAA Aerospace Medical Examiner for pilots and student pilots
- FAA Flight Physicals; shared between 3 physicians, for 2016 = 260

Sharon Sherlock, D.H.A., M.S.A., B.S.N., R.N.

- Case management encounters #10,441

- Clinic Visits, Reach Out Montgomery County, over 3,070
 - Prescriptions were dispensed #19,700
 - Volunteers #565 – volunteer hours #12,045
-

8. Honors and Awards

Dean Olson, M.D., M.S., M.S.

- Accepted a posthumous President's Citation award for Stanley R. Mohler, M.D. – remembered for his lifetime contributions to aerospace medicine and the aerospace medical association: January, 1961 through September, 2014

Marietta Orlowski, Ph.D., M.C.H.E.S.

- Outstanding MPH Faculty Member

Sara Paton, Ph.D.

- Certified in Public Health (CPH) Received certification in Public Health.

Cristina Redko, Ph.D.

- Delta Omega Innovative Public Health Curriculum Award, Delta Omega Honorary Society in Public Health [<http://www.deltaomega.org/innovativeCurriculumAward.cfm>]
 - International Education Award - Wright State University Center for International Education
-

9. Hosted Events

Aerospace Medicine Division

- Monthly Grand Rounds CME
 - Stanley R. Mohler CME event at Experimental Aircraft Association Fly-in, Oshkosh, WI
 - Medical Student/Resident Aerospace Medicine Rotation
-

10. Appendix

The **DPPHS Aerospace Medicine Division** is located at 3155 Research Park.

Aerospace Medicine Residency and Master of Science Programs at Wright State University (WSU) were conceived in 1978, making it the oldest active civilian aerospace medicine training program for physicians in the United States.

The mission is to become the global leader of aerospace medicine education by setting new standards for aerospace education. The residency and Master's programs have attracted and trained physicians with a wide variety of prior clinical experiences; Internal Medicine, Family Practice, Emergency Medicine, General Surgery, Pathology, Radiation Oncology, Nuclear Medicine, Infectious Diseases and Gastroenterology. Over the course of our history, the program has graduated physicians from other nations around the world (Australia, Brazil, Canada, China, Colombia, Ethiopia, Germany, Ghana, Greece, India, Iraq, Israel, Japan, Jordan, Kuwait, Mexico, Pakistan,

Portugal, Qatar, South Africa, South Korea, Saudi Arabia, Singapore, Sudan, Taiwan, Thailand, The People's Republic of Congo, and the United Arab Emirates)

Trained physicians who are United States citizens engage in active careers with NASA, the FAA, the USAF, the Air National Guard, scientific labs and academia. More than half the residency trained graduates at any given point of time in their careers, have been or are currently employed by either NASA or its contractors. International graduates typically have been working for their governments or airlines and have been very successful in their careers, holding high-ranking positions of responsibility in their individual countries. By training an international cadre of Aerospace Medicine specialists, the program has been integral in the global advancement of the field of Aerospace Medicine.

Since 1978, the program has graduated a total of 172 students; including 84 residents, 87 MS students, and 1 Certificate Program student. Our overall graduation rate is 172/195 or 88.2%. Our overall graduation rate for MS students is 87/93 or 93.5%; and for residents is 84/101 or 88.2%. During this period, 99 graduates (83 residents plus 16 MS students who were US military residents) were identified as being Board eligible. Overall, 77/97 (>79.4%) Board eligible graduates have been certified by the American Board of Preventive Medicine (ABPM), the American Osteopathic Board of Preventive Medicine (AOBPM), or Board Certified in their home countries.

During the 2016 calendar year, the program graduated 8 MS students. One new resident was recruited, along with 2 MS students, and 1 Certificate Program student.

Aerospace Medicine Residency Program

This year the division launched the Aeromedical Transport Operations track within 2016 marked the end of a 5 year \$2.52 million NASA sponsored educational grant. In anticipation of the end of this grant, the division worked since the beginning of 2016 to procure a 5 year, \$2.75 million NASA sponsored grant focused on resident education in aerospace medicine, essentially continuing the efforts that began in 1978.

This year the division supported the Aeromedical Transport Operations track within the residency. Residents in this track participate in Emergency Department patient care with additional duties of aeromedical transport management and quality improvement as a review committee member. For this track, new rotations are being developed at several locations: Cleveland Clinic Critical Care Transport, Ohio State University Emergency Medicine Services, and the Civil Aeromedical Center at Bangkok Hospital, Bangkok, Thailand. The resident's ED activities provides a self-funding stream for the new track. This year, Dr. Arpan Kothari is the first resident to participate in this new track.

This year we recruited an Aerospace resident from the University of Arizona General surgical residency program, Dr. Allen Guehl. Dr. Guehl is a practicing podiatrist who completed the Aerospace Medicine MS didactic courses prior to his matriculation as a resident. He currently holds a private pilot's license and is working on his instrument rating.

For the Aeromedical Transport Operations track, the division has established educational

agreements with Bangkok Hospital, in Bangkok Thailand, and Ohio State University, Care Flight and is working to finalize an agreement with Cleveland Clinic.

Aerospace Medicine Master's Degree Program

The new curriculum was implemented in 2014; the curriculum's modular format works well with international students. For the first time this year, we allowed students to enter the program in the spring semester, or in mid-program. We also allowed international students who performed well in the two-year track, to switch into an accelerated program, as long as their grades were maintained. All students who fell into these categories have been successful.

Masters Project, which are required for graduation, have undergone further growth. Students now have the additional option of preparing a research proposal according to NIH guidelines. This prepares future researchers with ample experience for future grant submissions. Students who entered the program with no background in research have presented excellent projects.

For the third year, the division participated in a NASA/USN/WSU ASM educational video teleconference focused on space-related medical issues. The topics covered included: EVA and decompression sickness, the Longitudinal Study of Astronaut Health, Cardiovascular Effects of Space Flight, Operational Space Medicine Overview, Orion and space flight experience, and Nutritional Biochemistry for Space Flight.

Flight Medicine Clinic

Clinic visit numbers have increased by roughly 40% from 2015 to 2016. This includes 253 pilots and air traffic controllers for physicals and visits as compared to 187 for 2015.

Dr. Garrison was designated as a Human Intervention and Motivation Study (HIMS) AME, giving him the opportunity to manage pilots with substance addiction/abuse and cognitive impairment issues.

Residents continue to participate in flight medicine clinic as a part of their educational experience.

Scholarly Activities

WSU ASM sponsored the third annual Stanley R. Mohler Lecture Series presented at the Experimental Aircraft Association AirVenture in Oshkosh, Wisconsin. Some of the topics that were covered include cardiovascular issues in airman certification, sleep apnea and pilot certification, hypoxia, and neurologic issues in airman certification. The lecture series provides 3 credits of CME for attending physicians and health care providers.

The program had its first student successfully complete the Certificate Program. Dr. Seyoung Park is from the Republic of Korea Air Force (ROKAF). He entered our program in July of 2016 and completed the course in December. It is anticipated that ROKAF will send students to this course roughly every three years. We have had several inquiries from other potential students, but none has yet signed up for the 2017 class.

Collaborative Efforts

The division collaborates with the WSU MPH program to provide core curriculum classes for United States Air Force (USAF) Resident Aerospace Medicine (RAM) students who are working toward their MPH degree.

The division also provides the MS degree for USAF residents of aerospace medicine. This year we have four RAMs who entered into our program.

The **DPPHS Education Center** is located at 3123 Research Blvd. in Kettering, Ohio.

Nearly all departmental educational functions are found in the center with the exception of aerospace medicine, which partners closely with the Education Center in sharing faculty and coordinating around students who take courses in both aerospace and the education center. Medical Humanities is supported by the Education Center.

The DPPHS Education Center's mission is to provide education, conduct research, and promote service towards improving and sustaining the health of populations and individuals worldwide.

Educational responsibilities of the Center include the Master of Public Health (MPH) degree program, Certificates in Health Care Management (HCM), Global Health and Emergency Preparedness, the Health Care Management concentration for the Wright State University Master of Business Administration (MBA) program, the Physician Leadership Development Program, Public Health Grand Rounds, and undergraduate medical student coursework in Population Medicine, Quantitative Analysis, and Clinical Prevention. All graduate school coursework offered by the Center is provided at the Research Park campus, and all courses are offered in the evenings. Instruction supporting medical school curriculum takes place at White Hall, and the Public Health Grand Rounds take place at community-based sites and the WSU campus.

The MPH program is the largest single activity of the Center. The program was launched in 2004, and achieved full five-year, unconditional accreditation by the Council on Education in Public Health (CEPH) in 2007. The MPH program was re-accredited in April 2012 for seven years, the longest possible duration. The program is a community-based, interdisciplinary degree with a wide variety of program partners. Academic partners include the WSU College of Education and Human Services, the Raj Soin College of Business, the College of Liberal Arts, the College of Mathematics and Science, and the College of Nursing and Health. Community partners include Public Health Dayton and Montgomery County, as well as several other regional public health districts. The Air Force School of Aerospace Medicine became a partner in the MPH program following its relocation to Wright-Patterson Air Force Base in 2011. The MPH program offers two concentrations; Health Promotion and Education, and Population Health Management.

The Certificate program in Health Care Management (HCM) was launched in 2003, and provides graduate level courses in health resource management and policy, health care finance, and health care strategic leadership. It was developed as a joint venture involving

with Raj Soin College of Business. In 2005, the Certificate Program received the President's Award for Excellence. Students in the WSU MBA program pursuing a concentration in HCM are eligible to enroll in the Certificate program, but are not required to do so. In 2015, the Center launched two new certificate programs, Global Health and Emergency Preparedness.

The Physician Leadership Development Program (PLDP) offers medical students an innovative program through which they can obtain either a Master of Public Health (MPH) or Master of Business Administration (MBA) degree while pursuing their medical degree. The PLDP program emphasizes physician leadership and provides a unique opportunity to integrate medical and graduate studies through a longitudinal clinical experience that all students take during their graduate term.

Center faculty members have been innovators in medical education by lecturing in the areas of population medicine, quantitative analysis, professionalism, and clinical prevention for medical students in the Boonshoft School of Medicine. Faculty made presentations at national, regional, and local meetings. MPH students presented at regional meetings. In addition to teaching and research, faculty members serve the public health community through various partnerships with regional health departments and membership on numerous local community boards and committees. The many culminating experiences and practice placements completed by MPH students led to extensive improvements and enhanced understanding of several public health programs and services in the metropolitan area, the region, nationally and globally. As in previous years, faculty and students volunteered at the annual Celebrating Life and Health fair at Sinclair Community College sponsored by the Levin Family Foundation.

Medical Humanities is part of the Education Center. Its faculty support the clinical curriculum, in Year 1, participating in the Patient, Physician and Society and Upstream Medicine course; Neuroscience and ICM in Year 2; ethics case conferences in the Psychiatry, Women's Health, and Surgery Clerkships in Year 3, and diverse first- and fourth-year electives. In 2016, these included Health Care in Developing Countries, Health Care in the Global Community, Future Directions in Global Health, Literature and Medicine, Race, Sex and Gender in Medical Education, the Holocaust, Medical Education Research, and a student-initiated elective on Professional Identity Development.

Public Health activities include an elective on Public Health Ethics and Policy, and work with Public Health - Dayton & Montgomery County to meet National Accreditation Standards and Measures in ethics.

Additional activities include working with the Department of Religion, Philosophy, and Classics to develop an undergraduate minor in Medical Humanities, approved this year; and mentoring students in the development of a collection of writing by medical students and faculty.

Research interests of participating faculty include topics in medical humanities, medical ethics, medical education, global health, and medical education research.

Center for Healthy Communities (CHC), started in 1991, is a community-academic partnership committed to improving the health of the community and enhancing health professions education. Housed within The Education Center since 2011, CHC moved to the Department of Pediatrics at the end of 2016.

The **DPPHS Research Center** is located at 3171 Research Blvd. in Kettering, Ohio.

Activities of the Research Center are organized into three areas. These are human growth and development, which includes the ongoing curation and use of the Fels Longitudinal Study; the Center for Interventions, Treatment and Addictions Research (CITAR); and Substance Abuse Resources and Disability Research (SARDI).

The **Fels Longitudinal Study**, which began in 1929, is the world's longest running study of human development, growth, body composition, and aging.

Fels-related research focuses on examining risk factors and health consequences for a number of common diseases, including obesity, cardiovascular disease, sarcopenia, osteoporosis, and functional decline with aging. Researchers are interested in examining these questions using an approach that examines health and disease across the lifespan. These studies include investigations of normal childhood growth and development, as well as studies of normal aging and chronic disease risk.

The Center also administers undergraduate and pre-graduate student educational research training. Funded by the National Institutes of Health, the STREAMS (Short-Term Training Program to Increase Diversity in Health-Related Research) encourages members of underrepresented minority groups and students with disabilities to choose careers in cardiovascular-related research by providing short-term research internships.

Center for Interventions, Treatment, and Addictions Research (CITAR) is the focal point in the DPPHS Research Center for substance abuse-related services, academic research, and services research. One other program that operated within CITAR was the Weekend Intervention Program (WIP), which ended 30 June 2016.

In 2016, The National Institute on Drug Abuse funded a two-year study entitled, *Characterizing Fentanyl Outbreaks: Ethnographic and Forensic Perspectives*. (R21 DA042757. Raminta Daniulaityte, PI). The overall purpose of this time sensitive R21 study is to characterize non-pharmaceutical fentanyl (NPF) outbreaks through the integration of ethnographic/qualitative assessment of active user knowledge and experiences of NPF use, and the results from forensic analyses conducted by the postmortem toxicology and crime laboratories at MCCO/MVRC.

In 2016, The National Institute on Drug Abuse funded a four-year natural history study entitled, *A Natural History Study of Buprenorphine Diversion, Self-Treatment, and Use of Drug Abuse Treatment Services*. (R01DA040811. Raminta Daniulaityte, PI). The overall

purpose of the study is to describe and analyze the nature and consequences of buprenorphine diversion among opioid dependent users. Opioid-dependent people (n=400) who have recently used diverted Suboxone or generic buprenorphine will be recruited and interviewed every 6 months for 2 years to elucidate trajectories of buprenorphine and other opioid use, adverse health consequences associated with illicit buprenorphine use, and substance abuse treatment utilization. Using mixed methods, the study will detail and contextualize an emerging phenomenon of public health concern.

In 2014, the National Institute on Drug Abuse funded a three-year study to be conducted by researchers in CITAR and Kno.e.sis, entitled, *Trending: Social Media Analysis to Monitor Cannabis and Synthetic Cannabinoid Use*, (R01 DA039454; Amit Sheth and Raminta Daniulaityte, PIs). The overall goal of this study is to develop an innovative software platform, **eDrugTrends**, that will facilitate analysis of trends in knowledge, attitudes, and behaviors related to the use of cannabis and synthetic cannabinoids as discussed on Web forums and Twitter.

In 2014 (2015-2016 no-cost extension), the National Institute on Drug Abuse funded a one-year study, entitled, *NIDA National Early Warning System Network (iN³): An Innovative Approach*. (Robert Carlson, Edward Boyer, and Amit Sheth, PIs). Funded through the R56 (DA38366) mechanism for high priority projects, **iN³** combines the use of an innovative pair of systems to detect new episodes of drug use. The first involves ToxIC, a nationwide network of medical toxicologists who treat episodes of new drug use at the bedside. The second involves semantic web analyses of social media to identify new drugs of abuse. Knowledge from ToxIC informs the online analyses, while the web semantic approach can help refine the clinical interviews performed by the toxicologists. This interdisciplinary study involves researchers in CITAR, Kno.e.sis, University of Massachusetts Medical School, and the American College of Medical Toxicologists.

The Dayton Area Drug Survey (DADS) is a biennial, cross-sectional study that provides estimates of teen drug use in the Miami Valley. First administered in 1990, DADS is a collaborative effort between CITAR and area school districts. Districts choose which grades between seven and twelve they want to survey. Students respond anonymously and on a voluntary basis. DADS data are used by a variety of groups to support applications for funding, research, and for community planning. Since its inception more than 190,000 students have participated in DADS. For the first time, the DADS was awarded funding by the Alcohol, Drug Abuse, and Mental Health Services Board of Montgomery County. (Robert Carlson, PI). In 2016, 10,786 students from 20 Miami Valley area schools provided usable data. A Final Report was prepared.

In 2016, Public Health Dayton & Montgomery County funded CITAR to continue producing the *Montgomery County Poisoning Death Review*. (Robert Carlson, PI). The goal of the study is to collect and analyze reports of unintentional drug overdoses provided by the Montgomery County Coroner's Office. Quarterly and Final reports summarizing the findings are produced and presented to the Montgomery County Opiate Coalition.

Substance Abuse Resources and Disability Issues (SARDI) is the focal point in the DPPHS Research Center for efforts for improving the quality of life for persons with

disabilities, including those who are concurrently affected by behavioral health issues. SARDI achieves its objective by conducting collaborative and participatory research, developing intervention approaches and training, and disseminating related information.

New Grants Awarded to SARDI in 2016

SAMHSA awarded a three-year CSAT grant of \$1.5 million to SARDI for its Sisterline 2 project. This grant will fund substance abuse treatment and HIV prevention interventions for African American women in Montgomery County from 2016-2019.

SARDI received a five-year CSAP grant of \$1.5 million for its Peer Movement Project (PMP) from 2016-2021. PMP will provide HIV and Hep C testing and prevention interventions for African American college students who are at greatest risk for sexually transmitted infections.

SARDI also received a SAMHSA grant to supplement its Minority AIDS Initiative Continuum of Care Pilot with a syringe exchange program in 2016. This one-year grant for \$82,500 will allow SARDI staff to work with Public Health staff to provide a needle exchange program at Mt. Olive Church in west Dayton.

Ongoing Grants

SAMHSA awarded a three-year CSAT grant of \$1.2 million in its Offender Reentry Program to SARDI starting October 2015. This grant will provide funding for SUD treatment, including medication-assisted treatment (MAT) and HIV prevention services, for ex-offenders who do not have health insurance.

SARDI will collaborate with the Department of Family Medicine to provide evaluation services for its SAMHSA SBIRT grant for \$600,000 awarded October 2015 for three years (2015-2018). This grant will support faculty from WSU Boonshoft School of Medicine, School of Professional Psychology, School of Nursing and Health, and the College of Education and Human Services as they develop and provide SBIRT training to health professions students.

SARDI will provide evaluation services for a SAMHSA Drug Court grant of \$975,000 awarded to the Montgomery County Common Pleas Court for three years (2015-2018). This grant will provide funding for SUD treatment, including medication-assisted treatment (MAT), for offenders sentenced to a specialty court who do not have health insurance. SARDI will also provide evaluation services for SAMHSA MHFA grants of \$375,000 awarded to each of three local grantees, East Dayton, Mount Olive Baptist Church, and Mental Health America from 2015-2018. These grants are intended to provide Mental Health First Aid training to individuals recruited by the grantees. SARDI staff will collect, manage, and analyze data for these three projects.

Interact for Health (formerly the Health Foundation of Greater Cincinnati) awarded SARDI a one-year grant of \$15,000 to evaluate a Mindfulness Project funded by Interact for Health. This project will study the effect of yoga and mindfulness training of coping and mental health in veterans with PTSD and the counselors who treat them.

SARDI was awarded a contract to evaluate a 3-year (2015-2018), \$300,000 grant awarded to the Montgomery County ADAMHS Board by the Bureau of Justice Affairs. This grant will develop a diversion program for the county as well as increase the number of case managers in the County Jail.

The Montgomery County ADAMHS Board awarded a grant of \$167,000 to SARDI to administer and provide leadership for the Montgomery County Prevention Coalition. This grant will end 12/31/2016.

SARDI also received a small grant of \$41,705 (9/1/2015 – 6/30/2016) from the ADAMHS Board to develop and pilot test a gambling prevention intervention for at-risk youth in Montgomery County.

In 2014, SAMHSA awarded three grants totaling \$2,000,000 to SARDI over a four-year period (9/30/2014 – 9/29/2018), including a CMHS grant for \$917,200, a CSAT grant for \$298,200, and a CSAP grant for \$784,600. These grants will support the Intensive Continuum-of-Care Services (ICS) Project, which will provide AOD/HIV prevention services to youth and adults and provide co-located treatment of substance use disorders, mental health disorders, and HIV at CAM.

In 2014, SARDI received a five-year (10/1/2014 – 9/30/2019) NIDRR DRRP grant of \$2,449,934 to translate and validate eight widely used assessment instruments into American Sign Language (ASL). These instruments, once validated, will be made available online for free, and their use by VR counselors will be monitored and analyzed.

In 2014, SARDI also received a NIDRR FIP grant of \$599,977 in 2014 for a period of three years (10/1/2014 - 9/30/2017) to investigate the use of web portals and online VR services by counselors who are trained by SARDI staff to use these services.

Interact for Health (formerly the Health Foundation of Greater Cincinnati) awarded a grant of \$57,611 to SARDI to conduct process and outcome evaluations for their Mental Health First Aid Project (6/1/2014 – 6/1/2015). This grant was extended until December 31, 2016, for an additional \$64,685.

SARDI continued a 5-year (2013-2018) grant from Ohio MHAS for \$415,000 to conduct GPRA training and provide GPRA data management for their SAMHSA SBIRT Cooperative Agreement.

SARDI received a contract in December 2015 for \$3,000 from Montgomery County to provide evaluation services for their Peacemaking Circles intervention for women in reentry through December 2016.

In 2016, SARDI received \$5,000 from the Dayton Tennis Association and \$1,000 from the Midwest Tennis Association to support the Tennis ACES program for youth that incorporates an adapted version of SARDI's PALS drug prevention program.

Weekend Intervention Program (WIP) for impaired drivers is a component of an interdisciplinary effort linking the area's courts and substance abuse treatment agencies. In operation since 1978, WIP provides a comprehensive assessment of an individual's involvement with alcohol and other psychoactive drugs, confronts participant denial, encourages self-evaluation, increases accessibility to treatment, and prepares participants for treatment when necessary.

Through June 2016, 572 clients completed the Weekend Intervention Program, compared to 636 through June 2015. The referrals include individuals from 70 different courts in at least 20 different counties throughout Ohio. The WIP became fully independent of Wright State University at the end of June 2016.

The 8-hour Youth Education Program (YEP!) is an alternative sentencing option for young adults who have experienced a non-driving alcohol- or drug-related arrest. The target population of underage offenders (age 18-21) is provided with information about the harmful effects of alcohol and other drugs and the high risk associated with continued underage use. They also have the opportunity to self-evaluate their current involvement with alcohol or other substance use. Through June 2016, 166 individuals completed the YEP!, compared to 136 through June 2015. YEP! is administered by WIP and became fully independent of Wright State University at the end of June, 2016.

The 8-hour Short Term Education Program (STEP) is an alternative sentencing option for offenders whose offense the court has determined does not warrant the 72-hour residential program. 18 individuals completed the STEP through June 2016. STEP is administered by WIP and became independent at the end of June 2016.

In 2016, 5 medical students participated in the *Weekend Intervention Program* service learning elective to broaden their knowledge of substance use disorders. During their weekend, students gain valuable experience working with patients who have substance use disorders as they conduct drug and alcohol screens and assessments, brief motivational interventions, and substance abuse education for the individuals participating in the program.

In addition, 40 undergraduate students participated in WIP while completing the Drug and Alcohol Intervention Workshop sociology course offering, and 54 undergraduate students participated in the YEP! while completing the Intensive Alcohol Education sociology course offering.

Note: After being a part of CITAR and the Wright State University Boonshoft School of Medicine for some 38 years of community service, the *Weekend Intervention Program* ceased to operate as a part of WSU July 1, 2016. Director, Phyllis Cole, retired in June 2015. She continues to operate WIP independently, and medical students still participate in WIP service learning elective.

Reach Out of Montgomery County's mission is to provide access to healthcare services for the underserved/uninsured population in Montgomery County, without restraints, utilizing

the professional skills of volunteer physicians, nurses, pharmacist, translators and other health care professionals. Reach Out clinics began in 1995, funded in part by an award from the Robert Wood Johnson Foundation to begin the county's first free clinic for the uninsured by family physicians.

Reach Out had a building campaign and completed expansion of its leased building contributing over \$134,000 to Premier Health approximately 33% of the total building cost. This expansion made possible the accommodation of other health professionals such as student doctoral Psychology Students from WSU-Ellis Center as well as Doctoral Pharmacy Students from Cedarville College. Reach Out assists communities such as Jefferson Township Trustees and City of Riverside council, to prioritize healthcare needs for their residents.

Statistics for Reach Out 2016-2017 FY

11,000 Case management encounters
2,600 Clinic visits
19,700 Prescriptions dispensed
468 Volunteers
12,045 Volunteer hours

The Department of Population and Public Health Sciences is also affiliated with **Premier Community Health**. Premier Community Health is part of Premier Health Partners and serves the community with programs focused on prevention, early detection, and self-management education around heart, cancer, diabetes, and lung health. It provides mammograms and Pap tests to uninsured and under-insured (working poor) women over 40 in nine counties. It also provides free and low cost heart risk assessments, colorectal cancer kits, diabetes education and hemoglobin A1C's, tobacco cessation counseling and more.

Report compiled by Bonnie Owens & Ron Combs