



Department of Community Health

Annual Report **2015**

James R. Ebert, M.D., M.B.A., M.P.H., C.P.H., F.A.A.P.
Chair, Community Health
Associate Professor, Community Health and Pediatrics

For the period including
January 1, 2015 — December 31, 2015

1. Statement from the Chair

The Department of Community Health, Boonshoft School of Medicine at Wright State University consists of several different Centers and Divisions. The Centers include; the Center for Global Health (CGH), Center for Healthy Communities (CHC), Center for Interventions, Treatment and Addictions Research (CITAR), Lifespan Health Research Center (LHRC). The Divisions include; Aerospace Medicine Residency Program, Medical Humanities, and Reach Out of Montgomery County.

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

2. Programs/Divisions

Name of Division or Program	Director	Dates
Aerospace Medicine Residency Program Master of Science Program Certificate Program	Dean M. Olson, M.D., M.S., M.S. Assistant Professor Director	2013-Present
Center for Global Health	James R. Ebert, M.D., M.B.A., M.P.H., C.P.H., F.A.A.P. Associate Professor Director	2004-Present
Center for Global Health Master of Public Health Program	Sara Paton, Ph.D. Associate Professor Program Director	2015-Present
Center for Healthy Communities	Katherine Cauley, Ph.D. Professor Director	1993-Present
Center for Interventions, Treatment, & Addictions Research	Robert G. Carlson, Ph.D. Professor Director	1989-Present
Lifespan Health Research Center	Stefan Czerwinski, Ph.D. Professor Director	1999-Present
Medical Humanities	Mary T. White, Ph.D. Professor Director	1995-Present
Reach Out of Montgomery County	Sharon Sherlock, D.H.A., M.S.A., B.S.N., R.N. Assistant Professor Executive Director	1998-Present
Substance Abuse Resources & Disability Issues	Josephine Wilson, D.D.S., Ph.D. Professor Director	2011-Present
Weekend Intervention Program	Phyllis Cole, M.A. Assistant Professor Emerita, Director	1986-2015

3. Fully Affiliated Faculty

Name and Academic Position	Research Interests
Aerospace Medicine Residency Program Master of Science Program Certificate Program	
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 Hyperbaric Medicine and Emergency Medicine	
Thomas F. Jarnot, M.D., M.S. Assistant Professor	
Center for Global Health Master of Public Health Program	
James R. Ebert, M.D., M.B.A., M.P.H., C.P.H., F.A.A.P. Associate Professor, Community Health and Pediatrics	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.
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.

Name and Academic Position	Research Interests
Center for Healthy Communities	
Katherine Cauley, Ph.D. Professor	International education, community based multi-professional clinical education, service learning, and community academic partnerships.
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.
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).
Lifespan Health Research Center	
Stefan Czerwinski, Ph.D. Professor	Genetic epidemiology, epidemiology of growth, aging, and chronic disease risk (e.g., CVD, obesity, and osteoporosis).
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.
Andrew Froehle, Ph.D. Assistant Professor	Biomechanics, exercise physiology, musculoskeletal anatomy, and evolutionary anthropology. My research centers on changes in physical performance and function across the lifespan, with a particular focus on the effects of hormonal and metabolic shifts (for example, during puberty and menopause) on functional outcomes.
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

Name and Academic Position	Research Interests
	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.
Medical Humanities, Division of	
Mary T. White, Ph.D. Professor	Medical ethics and professionalism, global health education, end-of-life care.
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.
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 treatment, and HIV/HepC prevention.
Jo Ann Ford, M.R.C. Instructor	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.
Weekend Intervention Program	
Phyllis Cole, M.A. Assistant Professor Emerita	Impact of treatment and intervention among female substance abusers, the incidence, and prevalence of sexually transmitted diseases in drinking drivers, the evaluation of services provided for alcohol and drug impaired driving offenders and medical student education.

4. Teaching/Student Advising

- **Baccalaureate** [any course for Bachelor Degree]

Andrew Froehle, Ph.D.

- Instructor, KNH 2530; Kinesiology

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

- Advisor & Mentor, STREAMS

Cristina Redko, Ph.D.

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

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

Robert G. Carlson, Ph.D.

- Preceptor, Practice Placement and CE, 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 (STREAMS)

Stefan Czerwinski, Ph.D.

- Mentor, Short-Term Training Program to Increase Diversity in Health-Related Research (STREAMS)
- Mentor, College of Nursing & Health faculty

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 7910 Independent Study: Public Health & Medical Anthropology
- Course Director, CMH 7920: Special Topics: Interpolating Public Health and the RAM
- Course Director, CMH 8110 Public Health Practice Placement
- Faculty Chair, culminating experience, Master of Public Health
- Instructor, CMH 7710: Global Health
- Instructor, CMH 8100 Critical Thinking
- Master's Thesis committee, Applied Behavioral Sciences program
- 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.

- Certificate Program in Health Care Management
- Course Director, CMH 7510: Strategic Leadership in Health Care
- Dual Degree programs for medical students
- Program Director, Master of Public Health program through July 1, 2015

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

- Course Developer, Course Director, CMH 7210: Community Assessment
- Faculty Lead, CMH 8110: MPH Practice Placement
- MPH Culminating Experience (CMH 8210 / 8220)

Andrew Froehle, Ph.D.

- Supervisor, Thesis Research; Master of Anatomy

Mark E. Gebhart, M.D.

- Advisor, MPH, Medical Doctor candidate, and School of Professional Psychology Students

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

- Advisor, Master's Program, ASM Residency and Students

- Advisor, ASM 8500: Research Project
- Co-Instructor, ASM 7572: Aerospace Skills for Healthcare Professionals II
- Director/Instructor, ASM 7210: Operational Aerospace Medicine
- Director/Instructor, ASM 7370: Aerospace Toxicology
- Director/Instructor, ASM 7472: Fundamentals of Social and Behavioral Science
- Director/Instructor, ASM 7471: Environmental Medicine
- Director/Instructor, ASM 7777: Space Medicine
- Director/Instructor, ASM 7871: Space Medicine I
- Director/Instructor, ASM 7872: Space Medicine II
- Director/Instructor, ASM 7873: Space Medicine III
- Preceptor, Flight Medicine Clinic

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

- Advisor, Master Public Health culminating experience
- CMH 6300: Environmental Health
- CMH 7170-PH: Intermediate Epidemiology
- Division Seminar Speaker, Department of Environmental Health, University of Cincinnati College of Medicine
- Guest Lecturer, CMH 8100: Critical Thinking in Public Health, Environmental Health
- Independent Study, second year student, Boonshoft School of Medicine
- Master of Science Program, Pharmacology and Toxicology, Boonshoft School of Medicine
- PTX 8120: Case Studies Chemical Biological Radiological and Nuclear Defense

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

- Advisor & Mentor, Master of Public Health program
- Lecturer, CMH 6100: Biostatistics for Health Professionals

John McAlearney, Ph.D.

- Advisor, culminating experience, Master of Public Health
- 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 7910-02: Independent Study (Epidemiology II), Master of Public Health
- Guest lecture, Logistic Regression, CMH6100-01: Biostatistics for Health Professionals MPH

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

- Advisor, ASM Master's Program
- Co-develop and launch, Basics of Aerospace Medicine Certificate course
- Instructor, ASM 7771: Fundamentals of Aerospace Medicine I

- Instructor, ASM 7772: Fundamentals of Aerospace Medicine II
- Instructor, ASM 7971: Introduction to Aerospace Medicine Research I
- Instructor, ASM 7972: Introduction to Aerospace Research
- Instructor, ASM 8500: Research Project Supervision

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

- CMH 6400: Social and Behavioral Determinants of Health
- Culminating experience, Master of Public Health

Sara Paton, Ph.D.

- Culminating Experience MPH, CMH 8210 and 8220
- Lecturer, CMH 8100: What is Epidemiology
- Mentor, MPH students
- Practice Placement students
- Program Director, Master of Public Health program, effective July 1, 2015

Matthew Peterson, Ph.D.

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

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, Reader: Culminating Experience MPH
- Instructor, CMH 8210: Public Health Culminating Experience I
- Instructor, CMH 8220: Public Health Culminating Experience II
- Lead Faculty, CMH 8100: Critical Thinking
- Lead Faculty, Practice Placement MPH

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

- Advisor, Informal career development
- MPH-Wright State University: program #2 students for research projects
- MS-University of Dayton: #2 Human Factor Department/Psychology research projects

Mary T. White, Ph.D.

- Co-Instructor, CMH 714: Public Health Ethics and Policy (10 students)
- Faculty Advisor, American Medical Writers Association

- Faculty Advisor, BSoM Chapter Advisor, Humanism Honor Society (inductee selection and induction ceremony)
- Faculty Advisor, Global Health Initiatives (GHI) faculty advisor; financial information, symposium support; ad hoc activities; website development, working with International Education Advisory Board; developing research guidelines for Global Health students
- Faculty Advisor, Medical Ethics Interest Group (MEIG, new, 2015, 4 discussion, one film)
- Faculty Advisor, Medical Students for Choice (MSFC presentation with Planned Parenthood)
- Faculty Advisor, Student Writing Group (new, 2015)
- Student Advisor, fourth-year research elective: Prevalence of depression in Mexico
- Student Advisor, second-year research study: ACA effectiveness
- Student Advisor, Making the Invisible Visible (MIV), project on wellness

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

- Mentor, Public Health master's candidate
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• **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

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

- Supervisor, medical students, Dayton Children's Lipid Clinic

Mark E. Gebhart, M.D.

- Advisor; Bioterrorism, one student

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

- Developed/coordinated, first formal clinical/elective rotation in the history of the Division of Aerospace Medicine. This rotation consisted of structured didactic classroom presentations and discussions, site visits to local aerospace relevant venues, and clinical exposure in the Division's Flight Medicine Clinic
- Rotation Coordinator/Preceptor/Lecturer: Aerospace Medicine Clinical Elective Rotation for medical students

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

- Aerospace Medicine Clinical Elective Rotation for visiting medical students and residents

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, Ph.D.

- Clerkship: Internal medicine ethics/palliative care and participation in retreat
 - Clerkship: OB/GYN ethics conference (one hour/rotation)
 - Clerkship: Psychiatry ethics conference (one hour/rotation)
 - Clerkship: Surgery: Case conference and disclosing medical errors and OSCEs on end-of-life communication debriefing
 - Course Coordinator: Nutrition in Medicine online course, completed by 25 M1 and M2 students
 - Course Director: Health Care in Developing Countries elective, 26 students
 - Design and facilitation of four sessions: Physician, Patient, and Society, Part II, Ethics
 - Developing an undergraduate minor class in Medical Humanities working with the Department of Religion, Philosophy and Classics
 - Discussion Coordinator and Facilitator: brain death, persistent vegetative state and minimally conscious state for Neuroscience course/Mark Rich
 - Discussion Coordinator and Facilitator: ICM II: WIT, for year-two students
 - Guest speaker: STREAMS – Research Ethics
 - Instructor: CMH 806: Fourth-year elective on Literature and Medicine
 - Instructor: Clinical and Translational Research Elective
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• **Graduate Medical Education** [Residents, Fellows]

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

- Pediatric Residents on Adolescent Medicine Rotation in Lipid Clinic

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, Boonshoft School of Medicine, Wright State University, April 21, 2015

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
- Managed: New Innovations Residency Management Suite (RMS)
- Moderator: ASM Journal Club

- Preceptor: Clinical Instruction – Flight Medicine Clinic
- Resident Tracks and Rotation:
 - Critical Care Air Transport Track: created a new track focused on critical care patient transport
 - United States Navy Aircraft Carrier: established a 2-3 week rotation program for ASM residents

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

- WSU-BSoM #18 Aerospace Medicine Residents, Health Admin Course Summer
- WSU-BSoM #15 Family Medicine residents
- WSU-BSoM #1 Internal Medicine Resident (use to have many??)

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

- Mentor R2, NIDA Family Medicine grant
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• **Continuing Medical Education** [Grand Rounds, Seminars]

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.C.

- Wright State University BSoM Faculty Leadership Academy

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

- Aerospace Medical Association (AsMA) Annual Meeting, Orlando, Florida
- Aerospace Medicine Updates: Annual live online CME event sponsored by Headquarters, Air National Guard. Washington D.C.
- CME Conference: 2nd 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

Ramzi Nahhas, Ph.D.

- Grand Rounds, "Don't Let Your Mind be Fooled by the Numbers." Wright State University BSoM, Department of Psychiatry. October 13, 2015

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

- Aerospace Medical Association (AsMA) Annual Meeting, Orlando, Florida
- CME Conference: 2nd Annual Stanley R. Mohler Aerospace Medicine Lecture Series: EAA AirVenture Fly-In. Oshkosh, Wisconsin
- Grand Rounds: Dr. Chris Lienesch: Mild Traumatic Brain Injury in an airman
- Hosted: Wright State University, Aerospace Medicine Grand Rounds: CME series

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

- Montgomery County Medical Society Panel: (July & August) Affordable Care Act Provider/Patient Impact
- The Ohio State University: com, three 4th year students: Healthcare Administration annual class
- University of Dayton: Anthropology Course collaboration with Jefferson Township
- University of Dayton: Physician's Assistant 30 students, #2 classes Chronic Care Management & Health Policy/Economics 1st class
- 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)

Stefan Czerwinski, Ph.D.

- Program Director, PREP Scholars
- Program 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, SARDI

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, "Aviation Accidents, a physician's perspective" at Midwest division of Flying Physicians organization.

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

- Accomplished: building expansion project with Premier Community Assessment for Jefferson Township Trustees, program development on West Side of Dayton, Ohio
- Administration of a Nonprofit including management of 12 employees, 565 volunteers, facility management, staff development HR, financials, safety/risk management, IT, annual reporting to the state, taxes, grant submission and grant reporting and general 24hr responsibility for on-call critical patient care findings, 1st year with VISTA employee, 1st year with University of Dayton-Federal Assistance employees, added Affordable Care Act navigator to Friday Clinics
- Clinical Supervision and direct mentoring for 200 Medical Students
- Continues to build collaborative projects in an intra-university approach such as program/grant sharing with University of Dayton/PT departments, Wright State University FM coalition
- Educating 70+ pre-med students on health systems
- Partnership development with University of Dayton Department Pre-Med program
- University of Dayton Pre Med #5 classes per semester with clinical weekly

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

- Presentation: “Prevention and Evaluation: Evaluation 101.” Montgomery County Prevention Learning Collaborative
- Presentation: “Risky Business” Gambling Prevention Seminar. Southwest Ohio Regional Task Force
- Presentation: “Selecting and Using Evidence-based Practices in Research”. Dr. Mary Huber’s graduate seminar on Evidence-Based Practices
- Presentation: “The Nature of Addiction”. Care Source Conference
- Presentation: “Woman and Alcohol: Gender Differences in Addiction.” Think for Two FASD Workshop
- Respondent: “KT Solutions for Overcoming Barriers to Research Use”. KTDRR’s Knowledge Translation Conference

5. Scholarly Activity

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

Total Number of Projects: 39

Total 2015 Expenditures: \$5,634,654.33

Aerospace Medicine

Aerospace Medicine Residency Program

The National Aeronautics and Space Administration (NASA)

PI: Dean Olson

2015 expenditures: \$534,274.54

Center for Global Health

Dress your Dog Here: The Impact of Pairing Vegetables with Popular Entrée Items

Cornell University

PI: Marietta Orłowski

2015 expenditures: \$14,837.66

Epidemiology Services Contract
Public Health – Dayton & Montgomery Counties
PI: Sara Paton
2015 expenditures: \$292,085.06

Smarter Lunchroom
Ohio Department of Education
PI: Marietta Orłowski
2015 expenditures: \$11,305.72

Center for Healthy Communities

Consult Services
PI: Kate Cauley
2015 expenditures: \$4,581.25

Kinship Navigator Consortium CY2014 & CY2015
Montgomery County Children Services
PI: Kate Cauley
2015 expenditures: \$128,769.39

MEDTAPP Healthcare Access Initiative-Community Health Workers First
The Ohio State University
PI: Kate Cauley
2015 expenditures: \$235,415.67

Ohio Area Health Education Centers Program for Region IV (AHEC)
Ohio Board of Regents
PI: Kate Cauley
2015 expenditures \$135,265.49

Sinclair Community College Matching Funds CY2014 & CY2015
Sinclair Community College
PI: Kate Cauley
2015 expenditures: \$31,526.52

Center for Interventions, Treatment & Addictions Research

Comparing Interventions for Opioid Dependent Patients presenting in Medicals EDs
University of New Mexico
PI: Richard C. Rapp
2015 expenditures: \$28,412.71

Consumer Advocacy Model (CAM)
Various state and local agencies
PI: Kristen Dunn
2015 expenditures: \$211,498.03

Continuing Sustaining and Advancing the Work of the Montgomery County Prevention Coalition
Montgomery County ADAMH Services Board

PI: Josephine Wilson

2015 expenditures: \$22,401.05

Disability and Rehabilitation Research Program

Administration for Community Living

PI: Josephine Wilson

2015 expenditures: \$304,651.85

eCAM A Virtual Health Info One Stop

Substance Abuse & Mental Health Services Admin (SAMHSA)

PI: Josephine Wilson

2015 expenditures: \$19,403.78

Evaluating the Effectiveness of Online Portal-Based Vocational Rehabilitation Services

U.S. Department of Education

PI: Josephine Wilson

2015 expenditures: \$10,999.67

Field Initiated Program

Administration for Community Living

PI: Josephine Wilson

2015 expenditures: \$139,970.54

Fifty Plus Prevention project F3P

Substance Abuse & Mental Health Services Admin. (SAMHSA)

PI: Carlton Williams

2015 expenditures: \$258,748.86

Integrated Continuum-of-Care Services (ICS) Project

Substance Abuse & Mental Health Services Admin. (SAMHSA)

PI: Jo Ann Ford

2015 expenditures: \$382,454.41

Mental Health First Aid

Interact for Health

PI: Nicole Kinzeler

2015 expenditures: \$48,710.51

Mental Health/Medical Integration Project

Interact for Health

PI: Nicole Kinzeler

2015 expenditures: \$54,723.88

Montgomery County Offender Reentry Program
Substance Abuse & Mental Services Administration (SAMHSA)
PI: Jo Ann Ford
2015 expenditures: \$45,137.14

Montgomery County Poisoning Death Review 2014 & 2015
Public Health Dayton and Montgomery County
PI: Robert Carlson
2015 expenditures: \$7,131.75

NIDA National Early Warning System Network iN3 An Innovative Approach
National Institute on Drug Abuse (NIDA)
PI: Robert Carlson
2015 expenditures: \$233,269.13

Ohio SBIRT
Ohio Department of Mental Health and Addiction Services
PI: Josephine Wilson
2015 expenditures: \$87,162.89

Online VR Assessment and Service Protocol to Enhance Employment of Individuals who are Deaf
U.S. Department of Education
PI: Josephine Wilson
2015 expenditures: \$60,916.67

Outpatient Substance Abuse Mental Health Treatment in Montgomery County
U.S. Probation Office
PI: Jo Ann Ford
2015 expenditures: \$13,083.01

Prevention Problem Gambling
Ohio Department of Mental Health and Addiction Services
PI: Josephine Wilson
2015 expenditures: \$114,066.29

Risky Business Program
Montgomery County ADAMH Services Board
Ohio Department of Mental Health and Addiction Services
PI: Josephine Wilson
2015 expenditures: \$26,124.68

Second Chance Initiative
Montgomery County ADAMH Services Board
PI: Josephine Wilson
2015 expenditures: \$80,177.08

Substance Testing and Education Program Using Prevention STEP UP
Substance Abuse & Mental Health Services Admin. (SAMHSA)
PI: Carlton Williams
2015 expenditures: \$244,205.07

Trending Social media analysis to monitor cannabis and synthetic cannabinoid use
National Institute on Drug Abuse (NIDA)
PI: Raminta Daniulaityte
2015 expenditures: \$280,283.02

Lifespan Health Research Center

Adiposity Disease Risk Factors and Lifetime Health
National Institute of Child Health & Human Development (NICHD)
PI: Stefan Czerwinski
2015 expenditures: \$726,691.44

Craniofacial Growth Trajectories
National Institute of Dental Research (NIDR)
PI: Ramzi Nahhas
2015 expenditures: \$243,490.20

Genetic Epidemiology of Ocular Health and Disease
Texas Biomedical Research Institute
PI: Bradford Towne
2015 expenditures: \$37,001.81

Improved Head-Neck Finite Element Model for Dynamic Head Impact Simulation
Johns Hopkins University
Army
PI: Richard Sherwood
2015 expenditures: \$34,289.08

Prep Scholars
National Institute of General Medical Sciences (NIGMS)
PI: Stefan Czerwinski
2015 expenditures: \$38,480.81

Quantifying Health Birth Growth and Development Knowledge Integration
Bill & Melinda Gates Foundation
PI: Stefan Czerwinski
2015 expenditures: \$59,774.08

Short-Term Health Research Training to Increase Diversity
National Heart Lung and Blood Institute (NHLBI)
PI: Stefan Czerwinski
2015 expenditures: \$82,622.76

Skeletal Maturity/Radiograph Consulting

Financial Manager: Dana Duren

2015 expenditures: \$26,514.77

Updating Skeletal Maturity Methods for U.S. Children

National Institute of Arthritis & Musculoskeletal & Skin Diseases (NIAMSD)

PI: Dana Duren

2015 expenditures: \$324,246.06

• **Papers in Refereed Journals**

Adhikari SB, Massatti RR, **Wilson JF, Ford J & Embree JA**. "Efficacy of E-Therapy for Treating Substance Use Disorders in Persons who are Deaf or have a Disability." *Journal of Family Medicine & Community Health* (2015) 2(3):1036.

Carlson RG, Nahhas RW, Martins SS & Daniulaityte R. "Predictors of transition to heroin use among initially non-opioid dependent illicit pharmaceutical opioid users: A natural history study." *Drug and Alcohol Dependence*. (Published online 2015).

Daniulaityte R, Carlson R, Brighan G, Cameron D & Sheth A. "Sub is a weird drug: A Web-based study of lay attitudes about use of buprenorphine to self-treat opioid withdrawal symptoms." *The American Journal on Addictions* (2015) 24(5):403-409.

Daniulaityte R, Nahhas RW, Wijeratne S, **Carlson RG, Lamy FR**, Martins SS, Boyer EW, Smith GA & Sheth A. "Time for dabs": Analyzing Twitter data on marijuana concentrates across the U.S. *Drug and Alcohol Dependence* (2015) 155:307-311.

Duren DL, **Nahhas RW & Sherwood RJ**. "Do secular trends in skeletal maturity occur equally in both sexes?" *Clinical Orthopaedics and Related Research* (2015) 473(8): 2559-2567. DOI 10.1007/s11999-015-4213-1. PMID 25716212.

Guina J, Rossetter SR, DeRhodes BJ, **Nahhas RW & Welton RS**. "Benzodiazepines for PTSD: A systematic review and meta-analysis." *Journal of Psychiatric Practice* (2015) 21(4):281-303. PMID 26164054. DOI: 10.1097/PRA.000000000000091.

Hill NT, Zhang J, Leonard MK, **Lee M**, Shamma N & Kadakia M. "1 α , 25-dihydroxyvitamin D3 and the Vitamin D receptor regulate Δ Np63 α levels and keratinocyte proliferation." *Cell Death & Disease* (2015) 6:doi10.1038/cddis.2015.148. PMC4669830.

Johnson W, **Choh AC, Lee M, Towne B, Czerwinski SA & Demerath EW**. "Is infant body mass index associated with adulthood body composition trajectories? And exploratory analysis." *Pediatr Obes*. 2015:(in press). ePub.

Kamil RJ, Betz J, Pratt BB, Kritchevsky S, Ayonayon H, Harris TB, Helzner E, Deal J, Martin K, **Peterson MJ**, Satterfield S, Simonsick EM & Lin FR. "Association of hearing impairment with incident frailty and falls in older adults." *J Aging Health* (2015) ePub PMID 26438083.

Khalil N, Chen A, **Lee M**, **Czerwinski SA**, **Ebert JR**, Dewitt J & Kannan K. "Association of perfluoroalkyl substances, bone mineral density, and osteoporosis in the U.S. population in NHANES 2009-2010." *Environ Health Perspect* (2015) ePub PMID 26058082.

Lamy FR, Bossomaier T & Perez P. "An ontologic agent-based model of recreational polydrug use: SimUse." *International Journal of Simulation and Process Modelling* (2015) 10(3): 207-222.

Lehrer DS, Pato MT, **Nahhas 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* (2015) ePub ahead of print. PMID 26183902. DOI 10.1002/ajmg.b.32334.

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**, **Czerwinski SA**, **Towne B**, et al. "New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk." *Nat Commun*. 2015, 7:(in press). ePub

Malina RM, **Choh AC**, **Czerwinski SA** & **Chumlea WC**. Validation of maturity offset in the Fels Longitudinal Study. *Pediatr Exerc Sci*. 2015:(in press). ePub

Oswald G, Huber MJ, **Wilson J** & **Embree JA**. "The status of technology-enhanced education and service delivery in rehabilitation counselor education." *Rehabilitation Research, Policy, and Education* (2015) 29(3): 194-207.

Perry D, Sturm V, **Peterson MJ**, Peiper CF, Bullock T, Boeve BF, Miller BL, Guskiewicz KM, Berger MS, Kramer JH & Welsch-Bohmer KA. "Association of traumatic brain injury with subsequent neurologic and psychiatric disease: a meta-analysis." *J Neurosurg* (2015) ePub PMID 26315003.

Peterson MJ, Pieper CF, Sloane RS, Crowley GM, Cowper PA, E.S. M, Bosworth HB, Ekelund CC, Pearson MP, Hall KS & Morey MC. "Differences between completely physically inactive and low active older men and their response to an exercise intervention: the Veterans LIFE study." *Healthy Aging Res* (2015) 4(36): 1-8.

Redko C, **Rogers N**, Bule L, Siad H & **Choh A**. "Development and validation of the Somali WHOQOL-BREF among refugees living in the USA." *Quality of Life Research* (2015) 24(6): 1503-1513. PMID 25429823.

Tyler MM, **Khalil N & Paton S**. “Increasing Knowledge with Food Safety Training at Public Health.” *Dayton & Montgomery County Food Protection Trends* (2015) 35(4): 262-269.

von Hippel PT, **Nahas RW & Czerwinski SA**. “How much do children’s body mass indices change over intervals of 6-12 months? Statistics from before and during the obesity epidemic.” *Pediatric Obesity* (2015) 10(6): 468-475. PMID 25704952. DOI:10.1111/ijpo.12008.

Williams KD, Blangero J, Mahaney M, Subedi J, Jha B, Williams-Blangero S & **Towne B**. “Axial quantitative ultrasound assessment of pediatric bone quality in eastern Nepal.” *Osteoporosis Int* (2015) 26(9): 2319-2328. PMID 25862355.

Williams KD, Subedi J, Jha B, Blangero J, Williams-Blangero S & **Towne B**. “Quantitative physical activity assessment of children and adolescents in a rural population from Eastern Nepal. *Am J Hum Biol.* (2015) ePub PMID 26179444.

Wilson JF. “Enhancing employment outcomes: Online job services for the disabled.” *Scientia* (September 2015 issue) 74-76.

Wilson JF, Guthmann D, **Embree J** & Fraker S. “Comparing Outcomes from an Online Substance Abuse Treatment Program and Residential Treatment Programs for Consumers who are Deaf: A Pilot Study.” *JADARA* (2015) 49(3): 172-184.

• **Books, Chapters, Reviews**

Gebhart ME. (2015) "Disaster and Emergency Management Programs." Cittone's Disaster Medicine 2nd Ed.

Gebhart ME. (2015) "Hurricane's, Typhon's and Cyclones." Cittone's Disaster Medicine 2nd Ed.

Gebhart ME. (2015) "Patient Surge." Cittone's Disaster Medicine 2nd Ed.

Khalil N. (2015) “EPA’s Approach for Estimating Exposures and Incremental Health Effects from Lead due to Renovation, Repair, and Painting Activities in Public and Commercial Buildings. Task Order 39” Post-Meeting Peer Review Summary Report. <https://peerreview.versar.com/epa/lead/pdf/TO39%20FINAL%20PostMeeting%20Peer%20Review%20Report%20022715.pdf>

Khalil N, Lee M & Steeland K. (2015) “Epidemiological Findings.” In: DeWitt J (eds). Toxicological Effects of Perfluoroalkyl and Polyfluoroalkyl Substances. Humana Press. Springer International Publishing Switzerland. (pp. 305-335). ISBN-13 978-3319155173.

Orlowski M. (2015) “OHIO Smarter Lunchrooms.” A resource to promote strategies and successes in improving fruit and vegetable consumption as part of the school meal.

The blog is now linked to four State departments of education websites and listed as a resource by USDA Team Nutrition on their national website:

<http://healthymeals.nal.usda.gov/healthierus-school-challenge-resources/smarter-lunchrooms>

• Abstracts/Poster Presentations

Alsamawi A, Holton NE, Yokley TR, **Froehle AW** & Southard TE. "Ontogenetic scaling of nasal shape in males and females." 2015 IADR/AADR/CADR General Session. Boston, Massachusetts. March 11-14, 2015.

Bowling NA, **Choh AC**, Blackmore CE, **Wurzbacher KA**, **Lee M** & **Czerwinski SA**. "The relationship between objective job autonomy and objective health." Presentation: Society for Industrial and Organizational Psychiatry 30th annual meeting. (2015):35.

Carlson R, **Nahhas RW**, Martins S & **Daniulaityte R**. "Predictors of Transition to Opioid Dependence among Illicit Pharmaceutical Opioid Users." Presentation: College on Problems of Drug Dependence 77th annual meeting. Phoenix, AZ. June 13-18, 2015.

Chu AY, Allison M, Borecki I, **Choh AC**, Cupples LA, Demerath E, Deng X, Feitosa M, Fisher V, Fox CS, Harris T, Harris T, Heard-Costa N, Kacprowski T, Langefeld C, Lindgren CM, Lu L, Liu Y, Mahajan A, Stafford J, Smith A, Völzke H, Wallaschofski H & Yao J. "Meta-Analysis of up to 14,262 Individuals Identifies Loci Associated with Measures of Subcutaneous Fat Volume and Attenuation." *Circulation* (2015) 131(Suppl 1):AP360.

Chumlea WC, Van Kan GA & **Czerwinski SA**. "Sarcopenia in the elderly: causes and consequences." *9th Amino Acid Assessment Workshop*. (2015).

Daniulaityte R, **Carlson R**, Golroo F, Wijeratne S, Boyer E, Martins S, **Nahhas RW** & Sheth A. "Time for dabs": Analyzing Twitter data on butane hash oil use. Presentation: *College on Problems of Drug Dependence 77th annual meeting*. Phoenix, Arizona. June 13-18, 2015.

Descartin KS, **Redko C** & **Khalil N**. "3rd position (oral) 'Global burden of disease: Impact of diabetes and physical inactivity in low- to middle-income southeast Asia.'" *Ohio Public Health Association Combined Conference*. Columbus, Ohio. (2015).

Dorsey T, **Choh AC**, **Lee M**, **Peterson MJ** & **Czerwinski SA**. "Sex-specific influence of grip strength on future diabetes risk." Poster. (2015).

Froehle AW, May JH, Cox JT, Grannis KA, **Nahhas RW**, Lawless MW & Duren DL. "Age at menarche affects ACL injury incidence but not knee laxity in female athletes." *Med Sci Sports Exerc* 47(5 Supplement) S207. Thematic Poster Session B-62: ACL. Presentation: 2015 ACSM (American College of Sports Medicine) annual meeting, May 26-30, 2015, San Diego, CA. (Medicine and Science in Sports and Exercise).

Johnson C & **Khalil N**. "Uranium Exposure or Risky Business: A Descriptive Analysis of the Sexual Risk Behaviors of Native American Adolescents." *Second Florida Health Disparities Summit, Moffitt Cancer Center*. Tampa, Florida. (2015)

Johnson MP, Thapa SS, Anderson KL, Laston S, Shrestha MK, **Towne B**, Subedi J, Blangero J & Williams-Blangero S. "Genetic epidemiology of ocular health and disease in the Jirel ethnic group of eastern Nepal: the Jiri Eye Study (JES)." *American Society of Human Genetics*. (2015).

Johnson MP, Thapa SS, Anderson KL, **Towne B**, Subedi J, Blangero J & Williams-Blangero S. "Genetic epidemiology of ocular health and disease in eastern Nepal: The Jiri Eye Study (JES)." *The Association for Research in Vision and Ophthalmology (ARVO)* 2015;56(7).

Khalil N, Dahms K, Rogers NL, Redko C, Roberts CE, & Galway LP. "Flipped Classroom Model in Master of Public Health Instruction: Enhancing Students' Engagement." *Center for Teaching and Learning WSU*. (2015).

Lee M, Pascoe J & Walusimbi F. "Parents' perspective: How often do pediatricians discuss weight status when their children are overweight/obese?" Poster Presentation: *2015 Pediatric Academy Societies (PAS) Annual Meeting Abstract Book*. 2015:4177.595. San Diego, California.

Lehrer DS, Pato MT, **Nahhas RW**, Miller BJ, Malaspina D, Sobell JL, Buckley PF & Pato CN. "Risk factors for schizophrenia and the continuum of psychosis: advanced paternal age (APA) is also associated with psychosis in bipolar disorder." Presentation: *15th International Congress on Schizophrenia Research*. Colorado Springs, Colorado. March 28-April 1, 2015.

Marlatt K, MacLehose R, **Choh AC, Czerwinski SA** & Demerath EW. "Visceral adipose tissue accumulates rapidly when percent body fat exceeds 30% in women and 16% in men aged 18-59 years." *The Obesity Society Annual Meeting Abstracts*:2015:T-P-3251.

Miracle T, Kinzeler N, Firesheets K & **Wilson JF**. "Positive outcomes for SPMI patients receiving integrated care in a multi-state study." Oral presentation: *American Public Health Association (APHA)* annual meeting. Chicago, Illinois. (2015).

Mosimah C, **Rogers N**, Smith L & **Redko C**. "Impact of the global strategy for infant and young child feeding on nutrition and child survival indicators in Cameroon as illustrated by the Worlds Breastfeeding Trends Initiative (WBTi) Tool." *APHA 143rd annual meeting*. Chicago, Illinois. October 31-November 4, 2015 (Abstract 338047).

Mosimah C, **Spears B, Khalil N** & **Dohn M**. "Effectiveness of Provider Initiated Counseling of HIV and Testing in Children in Cameroon." *Consortium of Universities for*

Global Health 6th annual conference. Abstract won first position and a \$500 award in infectious disease category. Boston, Massachusetts. (2015).

Okeke R, **Khalil N & Paton S**. “Association of Maternal Demographics with Breastfeeding of Low Birth Weight Infants in Ohio in 2012.” Abstract published for CityMatCH conference. Salt Lake City, Utah. (2015).

Peterson MJ, Lee M, Choh A & Czerwinski SA. “Serial Grip Strength in Mid-Life and Body Composition in Later-Life: The Fels Longitudinal Study.” *The Gerontologist* 2015:55(Suppl 2):27.

Smith T, **Redko C & Rogers N**. “Female genital mutilation: current practices and perceptions in Somaliland.” *APHA* 143rd annual meeting. Chicago, Illinois. October 31-November 4, 2015 (Abstract 337964).

Somerville AD, **Froehle AW & Schoeninger MJ**. “Leporids, landscapes, and the paleoenvironment: stable isotope ratios of rabbit and hare bones monitor local environmental conditions at modern and archaeological sites.” *Am J Phys Anthropol* S60:293. (2015).

Wiggins PR, **Lee M, Choh AC, Peterson MJ, Li L & Czerwinski SA**. “Grip strength across the menopausal transition.” Poster. (2015).

Williams C, Kissell K, Kinzeler N, Hardin L, Brown K & Wilson JF. “Substance use and HIV prevention efforts in a 50+ African American population.” Oral presentation: *American Public Health Association (APHA)* annual meeting. Chicago, Illinois. (2015).

Zeola MP, Guina J & **Nahhas RW**. “Mental health referrals reduce recidivism in juvenile offenders... but how do we decide who gets referred?” Presentation: *American Academy of Psychiatry and the Law* 46th annual meeting. Ft. Lauderdale, Florida. October 22-25, 2015.

• Significant Presentations

Robert Carlson, Ph.D.

“A Pilot Study on Illicit Buprenorphine Use.” Ohio’s 2015 Conference: Opiates and Other Drugs. Hyatt Regency. Columbus, Ohio. March 30-31, 2015. (Daniulaityte, Lane)

“Accidental Drug Overdose Deaths in Montgomery County, Ohio, 2010-2014.” Meeting: Ohio Association of County Behavioral Health Authorities, Addressing Ohio’s Opiate Epidemic. Columbus, Ohio. November 20, 2015.

“Predictors of Transition to Heroin Use among Non-Opioid Dependent Illicit Pharmaceutical Opioid Users.” Oral paper presentation: Ohio’s 2015 Conference on Opiates and Other Drugs. Columbus, Ohio. March 31, 2015. (Nahhas, Martins, Daniulaityte).

“Predictors of transition to opioid dependence among illicit pharmaceutical opioid users.”
Poster presentation: College on Problems of Drug Dependence Meetings. Phoenix,
Arizona. June 15, 2015. (Nahas, Martins, Daniulaityte)

“Think for Two: Critical Issues Facing Women and Children in our Community.” Invited
Discussant: Public Health Dayton and Montgomery County. Montgomery County
ADAMHS Board. Dayton, Ohio. September 11, 2015.

““Time for dabs”: Analyzing data on butane hash oil extraction.” Poster presentation:
College on Problems of Drug Dependence. Phoenix, Arizona. June 15, 2015.
(Daniulaityte, Golroo, Wijeratne, Boyer, Martins, Nahhas, Sheth).

Raminta Daniulaityte, Ph.D.

“A Pilot Study on Illicit Buprenorphine Use.” Ohio's 2015 Conference: Opiates and Other
Drugs. Hyatt Regency. Columbus, Ohio. March 30-31, 2015. (Carlson, Lane).

“Predictors of Transition to Heroin Use among Non-Opioid Dependent Illicit
Pharmaceutical Opioid Users.” Oral paper: Ohio’s 2015 Conference on Opiates and
Other Drugs. Hyatt Regency in Columbus, Ohio. March 31, 2015. (Carlson, Nahhas,
Martins).

“Predictors of transition to opioid dependence among illicit pharmaceutical opioid users.”
Poster presentation: College on Problems of Drug Dependence Meetings. Phoenix,
Arizona. June 15, 2015. (Carlson, Nahhas, Martins).

“Time for dabs”: Analyzing data on butane hash oil extraction. Poster presentation:
College on Problems of Drug Dependence Meetings. Phoenix, Arizona. June 15, 2015.
(Carlson, Wijeratne, Boyer, Martins, Nahhas, Sheth).

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

“Challenges to Implementing Progesterone Therapy for Prematurity Prevention.” March of
Dimes Prematurity Prevention Conference. Crystal City, Virginia. 2015. (McKenna,
Lazar, Paton).

“Institute for Equity in Birth Outcomes, Montgomery County Infant Mortality Coalition,
Progesterone Therapy and Centering Pregnancy®.” Equity Institutes National
Gathering. New Orleans, Louisiana. 2015.

“Ohio First Steps for Healthy Babies.” Webinar: National Collaborative for Advancing the
Ten Steps (NCATS). 2015. (Haviland)

“Ohio Institute for Equity in Birth Outcomes, Dayton, & Montgomery County Experience.”
Perinatal Nurse Managers Association. Cincinnati, Ohio. 2015.

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

“Aerospace Medicine Education 2015.” CME Conference: Flying Physicians Association, Great Lakes/Dixie Chapter. Dayton, Ohio. April 2015.

“AME Evaluation of Pilot Mental Health.” CME Lecture Series: 2nd Annual Stanley R. Mohler Aerospace Medicine, EAA AirVenture. Oshkosh, Wisconsin. 2015.

“AME Evaluation of Pilot Mental Health.” CME Lecture Series: Boonshoft School of Medicine Aerospace Medicine Grand Rounds. September 2015.

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

“Aviation Accidents – A Physician’s Perspective.” CME Conference: Flying Physicians Association, Great Lakes/Dixie Chapter. Dayton, Ohio. April 2015.

Marietta Orlowski, Ph.D., MCHES

“Make your lunchroom smarter.” School Nutrition Association Annual National Conference. Salt Lake City, Utah. July 2015. (Byker-Shanks, Bark).

“National School Lunch Program: How Public Health Can Partner for Better Child Nutrition.” 2015 Ohio Public Health Combined Conference. Ohio Public Health Association. Columbus, Ohio. May 2015. (Patton).

“OHIO Smarter Lunchrooms.” School Nutrition Association of Ohio. Mason, Ohio. June 2015. (Patton).

“OHIO Smarter Lunchrooms.” Smarter Lunchrooms Symposium. Cornell University BEN Center. Ithaca, New York. May 2015.

“Public health and program evaluations.” Ohio Society for Public Health Education. Deercreek State Park, Ohio. October 2015. (Cauley).

“Smarter Lunchrooms: How Collective Impact Results in a National Movement!” Childhood Obesity, 8th Biennial Conference. San Diego, California. June 2015. (Hoy, Reed, Ginsburg, Young, Headrick).

Sara Paton, Ph.D.

“Association of Maternal Demographics with Breastfeeding of Low Birth Weight Infants in Ohio in 2012.” Poster presentation: CityMatCH Conference, Salt Lake City, Utah. 2015. (Okeke, Khalil).

“Montgomery County Infant Mortality Coalition, Centering Pregnancy and Progesterone Therapy.” City Match Equity Institute Summit, New Orleans Louisiana. June 2015. (Ellison, McFadgen, McKenna).

Cristina Redko, Ph.D.

“A new foundation for sexual social justice: the World Health Organization’s report on sexual health, human rights, and the law.” Breaking Silences, Demanding Crip Justice: Sex, Sexuality, and Disability Conference. Wright State University, Dayton, Ohio. November 4-6, 2015. (Rogers).

“Creating, collaborating, and sharing with the world: the power of visual story-telling.” Lilly National Conference on College and University Teaching and Learning. Oxford, Ohio. November 19-22, 2015 (Surico).

“Exploring global health through collaboration, learning communities, and distance education.” Poster presentation: Delta Omega Poster Session II. APHA 143rd Annual Meeting and Exposition. Chicago, Illinois. October 31-November 4, 2015. (Schroeder, Zemmer, Flowers, Smith).

“Exploring global health through collaboration, learning communities, and distance education.” Poster presentation: Teaching for Student Success Symposium, Wright State University, Dayton, Ohio. August 25, 2015. (Schroeder, Zemmer, Flowers, Smith)

“Flipped classroom model in Master of Public Health Instruction: Enhancing students’ engagement.” Poster presentation: Teaching for Student Success Symposium, Wright State University, Dayton, Ohio. August 25, 2015. (Khalil, Dahms, Rogers, Roberts, Galway).

“Global Burden of Disease: Impact of Diabetes and Physical Inactivity in Low- to Middle-Income Southeast Asia.” Oral Presentation: Ohio Public Health Association (OPHA) Combined Conference. Columbus, Ohio. May 19, 2015. (Descartins, Khalil, Rogers). Third place, MPH student oral presentation.

Nikki Rogers, Ph.D.

“A new foundation for sexual social justice: the World Health Organization’s report on sexual health, human rights, and the law.” Breaking Silences, Demanding Crip Justice: Sex, Sexuality, and Disability Conference. Wright State University, Dayton, Ohio. November 4-6, 2015. (Redko).

“Breaking Silences: Conference on sex and disability.” An interview with Julie Williams and Nikki Rogers, conference organizers. WWSU 106.9 FM Wright State University Radio Active Minds radio show. October 28, 2015. (Ralicki, Rose).

“Breaking Silences: Conference on sex and disability.” An interview with Julie Williams and Nikki Rogers, conference organizers. The Guardian Wright State University Newspaper. Pages 1, 3. October 26, 2015. (Lohr).

“Out of your comfort zone: Allyship as a self-inventory and constant improvement process.” Poster presentation: Breaking Silences, Demanding Crip Justice: Sex, Sexuality and Disability. Wright State University, November 5, 2015. (Colvin).

Mary T. White, Ph.D.

“End of Life discussion.” Panelist with Cleanne Cass D.O. and Scott Kellogg M.D. Yellow Springs, Ohio. January 12, 2015.

“Maintaining Empathic Resilience: New Insights From Perspectives of Neuroscience and Human Services.” Center for Innovation and Leadership in Education conference. Georgetown University, Washington, DC. October 19-21, 2015. (LeLacheur).

“Physicians’ Ethical Obligations to Non-Adherent Patients” Invited by Providence Medical Group. Dayton, Ohio. April 23, 2015.

“The Neuroscience of Empathy: New Insights and Opportunities for Medical Educators” American Society for Bioethics and Humanities. Houston, Texas. October 23, 2015.

“What is Empathy, How does it Work, and What does this mean for Medical Education?” Academy for Professionalism in Health Care 4th annual conference. Louisville, Kentucky. May 7-9, 2015.

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

“Comparing Outcomes from an Online Substance Abuse Treatment Program and Residential Treatment Programs for Consumers who are Deaf: A Pilot Study.” APHA annual meeting and exposition. Chicago, Illinois. November 3, 2015. (Guthmann, Embree, Fraker, Rose).

“Could Motivational Interviewing Unlock the Potential of Cellular Texting? An Evidence Review of Text Messages Influencing Behavior Change.” Poster Presentation: Master of Public Health Program, Boonshoft School of Medicine. Dayton, Ohio. June 4, 2015. (Bozung, Embree).

“Development of an Online Suite of Occupational, Substance Abuse and Mental Health Assessment Tools to Enhance Employment of Individuals who are Deaf.” NARRTC 37th annual conference. Alexandria, Virginia. April 29-May 1, 2015. (Guthmann, Embree).

“Development of an Online Suite of VR Assessments to Enhance Employment of Individuals who are Deaf.” Going for the Gold ADARA conference. Rochester, New York. April 21-25, 2015. (Guthmann D, Sligar S, & Embree JA).

“eCAM: Using Technology to Create Culturally Appropriate and Accessible Treatment for Recovery From Substance Use Disorders.” APHA Annual Meeting and Exposition. Chicago, Illinois. 1 November 2015. (Huber, Embree).

“Positive outcomes for SPMI patients receiving integrated care in a multi-state study.” Oral presentation: American Public Health Association annual meeting. Chicago, Illinois. November 2, 2015. (Miracle, Kinzeler, Firesheets).

“Substance Use and HIV Prevention Efforts in a 50+ African American Population.” Oral presentation: APHA annual meeting. Chicago, Illinois. November 3, 2015. (Williams, Kissell, Kinzeler, Hardin, Brown).

• **Consultantships**

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.

- FAA Center of Excellence for Commercial Spaceflight Medical Standards, University Affiliate Member
- University of Texas Medical Branch Aerospace Medicine Program. Galveston, Texas, Commercial Spaceflight Passenger Training Methods Research Study

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
-

• **Other Recognition**

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, Drug and Alcohol Dependence
- Reviewer, manuscript, International Journal of Drug Policy
- Reviewer, manuscript, Journal of Addictive Diseases
- Reviewer, manuscript, Journal of Drug Issues
- Reviewer, manuscript, Psychology of Addictive Behaviors
- Reviewer, manuscript, Substance Abuse

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

- Editorial Board, Frontiers in Genetics Journal
- Reviewer, Journal of Human Hypertension

- Reviewer, Obesity Research & Clinical Practice

Stefan Czerwinski, Ph.D.

- Associate Editor, Frontiers in Applied Genetic Epidemiology

Raminta Daniulaityte, Ph.D.

- Reviewer, manuscript, British Medical Journal
- Reviewer, manuscript, Drug and Alcohol Dependence
- Reviewer, manuscript, Journal of Psychoactive Drugs

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

- Board of Director, American Journal of Preventive Medicine
- Item writer for examination, National Board of Public Health Examiners
- Reviewer, Journal of Adolescent Health
- Reviewer, Journal of Pediatrics

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

- Aerospace Medicine, Board Certified, American Board of Preventive Medicine, Aerospace Medicine, January 2012
- Family Medicine, Board Eligible, American Board of Family Medicine, 2006
- Occupational Medicine, Board Eligible, American Board of Preventive Medicine, Occupational Medicine, April 2012

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

- Reviewer, Journal: Environment International
- Reviewer, Journal: International Journal of Women's Health
- Reviewer, Journal: Environmental Research
- Reviewer, Journal: Environmental Science and Health, Part A, Toxic/Hazardous Substance & Environmental Engineering, www.tandfonline.com/LESA
- Reviewer, Journal: Pediatrics
- Reviewer, Journal: Rejuvenation Research
- Reviewer, Manuscript: Public Library of Science (PLOS) ONE Journal

Francois Lamy, Ph.D.

- Reviewer, Manuscript, International Journal of Drug Policy
- Reviewer, Manuscript, Public Library of Science (PLOS) ONE Journal

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

- Editorial Board, Journal: Frontiers in Genetics
- Peer Reviewer, Journal: American Journal of Hypertension
- Peer Reviewer, Journal: BioMed Central Public Health
- Peer Reviewer, Journal: British Journal of Nutrition
- Peer Reviewer, Journal: Pediatrics
- Peer Reviewer, Journal: Quality of Life Research

John McAlearney, Ph.D.

- “What is the Return on Investment for Crew Resource Management?” American Journal of Medical Quality 2016 (currently in-press). (Moffatt-Bruce, Hefner, Mekhjian, Bournique, Latimer, Ellison)
- Paper of the Month for the Swiss Patient Safety Foundation, November 2016

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

Matthew Peterson, Ph.D.

- Reviewer, Gerontological Society Annual Scientific Meeting
- Reviewer, Journal of Aging & Physical Activity
- Reviewer, Journal of the International Neuropsychological Society

Nikki Rogers, Ph.D.

- Member of the Year: Ohio Lactation Consultant Association. March 2015
- WSU Graduate Council Scholarship Sponsor: MPH Graduate student selected based on academic excellence and nomination letter submitted by Nikki Rogers
- WSU Graduate School Wright Fellow Sponsor: MPH Graduate student selected based on academic excellence and nomination letter submitted by Nikki Rogers

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

- WSU-BSoM Junior Faculty Award

Bradford Towne, Ph.D.

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

Mary T. White, Ph.D.

- Abstract Reviewer: American Society for Bioethics and Humanities annual meeting, ethics section
- Manuscript Reviewer: El Mednifico Journal, Journal of Empirical Research on Human Research Ethics (2), and Journal of Genetic Counseling (2)
- Professional Development: BSoM representative: Sex and Gender-Based Medical Education Summit - A Roadmap for Curricular Innovation, Mayo Clinic, Rochester, MN, October 18-19, 2015

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

- Editorial Board, Journal of Family Medicine & Community Health
- Reviewer, American Public Health Association, abstracts for 2015 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, PhD

- Chair, Appointment, Promotions and Continuances Committee, Department of Community Health
- Chair, Opioid Working Group, Boonshoft School of Medicine
- Faculty Promotion and Advancement Committee, BSoM (elected)

Stefan Czerwinski, Ph.D.

- Chair, Lifespan Health Research Center, Data Sharing Committee

Raminta Daniulaityte, Ph.D.

- Member, Opioid Working Group, Boonshoft School of Medicine

Michael Dohn, M.D., MSc

- Chair, Public Health Grand Rounds Planning Committee
- Member, MPH Curriculum Committee

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

- Board of Directors, Wright State Physicians – second three-year term
- Management Committee, 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: Appointed 1 February 2014 to Clinical and Faculty Affairs CME Committee representing the Department of Community Health

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, Boonshoft School of Medicine (elected)

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.

- 4 post-baccalaureate student committees
- 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

Nikki Rogers, Ph.D.

- Collaborate – STREAMS
- Curriculum Committee – Center for Global Health
- Organizer – Center for Global Health, Research Retreat

Mary T. White, 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 Community Health

• **Wright State University**

Raminta Daniulaityte, Ph.D.

- Faculty Budget Priority Committee

Michael Dohn, M.D., MSc

- Member, Breaking Silences, Demanding Crip Justice: Sex, Sexuality, and Disability Planning Committee

Andrew Froehle, Ph.D.

- Alternate, Faculty Senate ad hoc Committee, Information Technology Integration and Effectiveness
- Faculty Representative, Graduate School Council, Boonshoft School of Medicine; Student Affairs Subcommittee
- Fully Affiliated Faculty, Biomedical Sciences Program PhD Program
- Regular Member, Graduate School Faculty

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

- Faculty Senate Committee: Building and Grounds Subcommittee – Parking Services & Traffic Appeals

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

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

Sara Paton, Ph.D.

- Biostatistics Group
- Chair, MPH Admissions Committee
- Chair, MPH Advisory Board

Cristina Redko, Ph.D.

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

Mary T. White, Ph.D.

- Multicultural Competency Committee
- Parking and Transportation

- 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**

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

- Division Head, Adolescent Medicine, beginning July 2015 – two-year term

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

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

Marietta Orlowski, PhD, MCHES

- Board of Trustees, Premier Community Health

Mary T. White, PhD

- Member: Dayton Area Ethics Consortium
 - Member: Dayton Children's IRB (alternate)
 - Member: Hospice of Dayton, Ethics Committee
 - Member: Kettering Hospital Ethics Committee
-

• **State/Local**

Robert Carlson, Ph.D.

- Member (invited), Montgomery County Opiate Task Force. Alcohol, Drug Addiction and Mental Health Services (ADAMHS) Board for Montgomery County
- Member (invited), Prescription Drug Abuse Action Group. Ohio Department of Health.
- Participant (invited), Centers for Disease Control Prevention (CDC) Fentanyl Emergency Response Meeting with Community Members. Alcohol, Drug Addiction and Mental Health Services (ADAMHS) Board. November 6, 2015
- 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

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

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, DDS, PhD

- 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
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• **National**

Robert Carlson, Ph.D.

- Member (invited), National Drug Early Warning System’s Scientific Advisory Group. Cooperative Agreement with the National Institute on Drug Abuse. University of Maryland; Eric Wish, PI

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
- 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 Medicine Education and Training Committee
- Aerospace Medicine Safety Committee
- Commercial Space Flight Center of Excellence (COE) Research
- International Aerospace Medicine Education Committee
- 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.

- American Public Health Association (APHA)
- Consortium of Universities for Global Health (CUGH)

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

- Member, National Association of Free Clinics
-

• **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.

- Chair, Data Sharing Committee, Lifespan Health Research Center, Boonshoft School of Medicine
- Chair, Search Committee, Department of Community Health, Collaborative Biostatistician faculty position
- 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. February 7, 2015

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)

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
 - Over one thousand hands-on patient encounters
 - Supervisor, advanced practice nurses and registered dieticians
 - Collaborator, three other physicians in caring for this referred population
 - Over 250 observation unit admissions for testing
 - 24/7 on-call for lipid clinic population
- Inpatient Team Attending – Dayton Children's – one week July, one week December
 - Supervisor, six residents
 - Supervisor, seven medical students

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
- 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
- Senior FAA Aerospace Medical Examiner for pilots and student pilots

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

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

- Abstract reviewer for 27th Annual International Society for Environmental Epidemiology conference, Sao Paulo, Brazil
- Mentored student Christen Johnson (third year medical student at BSoM) awarded David E. Satcher MD Research Fellowship program 2015-2016 by Student National Medical Association -\$5,000

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, 2015

Sara Paton, Ph.D.

- Certified in Public Health (CPH) Received certification in Public Health, October 2015.

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

Division of Aerospace Medicine

- Alumni Reception, Aerospace Medical Association, Sunday, May 10, 2015
- Monthly Grand Rounds CME, September through December, 2015
- Stanley R. Mohler CME event at EAA Airventure, Oshkosh, WI, July 21-23, 2015
- Medical Student/Resident Aerospace Medicine Rotation

10. Appendix

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.

Our mission is to become the global leader of aerospace medicine education by setting new standards for aerospace education. During 2015, these efforts have continued with a strong focus on the quality of residents and students who enter our program, the educational products of the division, as well as a continued effort to provide community education and outreach. Our goal continues to provide a fully accredited Accreditation Council for Graduate Medical Education (ACGME) environment conducive to promoting clinical and scientific inquiry while providing the skills, knowledge, and competencies necessary to become a successful practitioner of aerospace medicine.

The residency and Masters 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, Gastroenterology, Cardiology, Psychiatry, Neurosurgery, and Obstetrics/Gynecology. Through 2015, we have trained 164 physicians. This includes 84 residents as well as Masters Students consisting of United States military residents and physicians from other nations. Over the course of our history, the program has graduated more than 65 physicians from other nations around the world (Australia, Brazil, Canada, China, Colombia, Ethiopia, Germany, 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 U.S. citizens engage in active careers with National Aeronautics and Space Administration (NASA), the Federal Aviation Administration (FAA), the United States Air Force (USAF), the Air National Guard (ANG), 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 as well as contributing to nation building.

To date we have graduated a total of 164 students; 84 residents and 80 MS students. Our overall graduation rate is 164/186 or 88.2%. Our overall graduation rate for MS students is 80/85 or 94.1%; and for residents is 84/101 or 83.1%. During this period 95 graduates (83 residents plus 12 MS students who were U.S. military residents) were identified as being Board eligible. Overall, 72/96 (>75%) Board eligible graduates have been certified by the American Board of Preventive Medicine (ABPM) or the American Osteopathic Board of Preventive Medicine (AOBPM).

During the 2015 calendar year, the program graduated three MS students. One new resident was recruited, along with an additional ten MS students.

Aerospace Medicine Residency Program

- This year the division launched 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, The Ohio State University Emergency Medicine Services, and the Civil Aeromedical Center at Bangkok Hospital, Bangkok, Thailand. The resident's E.D. activities provides a self-funding stream for the new track. This year, Dr. Arpan Kothari (see below) is the first resident to participate in this new track.
- Our in-house rotation for visiting residents and medical students has begun to pay

dividends. This year we recruited two well qualified residents, both of whom participated in the in-house rotation during 2014. Both residents come directly from a prior medical residency. Dr. Eric Fine graduated from Geisinger Family Practice Residency, Wyoming Valley Medical Center, Wilkes-Barre, Pennsylvania and Dr. Arpan Kothari graduated from Emergency Medicine Residency, Oakwood Southshore Medical Center, Trenton, Michigan after completing a fourth year as a Chief Resident. As well, several prospective candidates from the 2014 rotation have continued to maintain communications with our division, one spending additional time in our division.

- An elective rotation, for residents who are Air National Guardsman (ANG), has been added. The rotation is focused on national management of the ANG personnel and involves residents spending time at ANG headquarters in Washington, D.C.
- Resident flight training has continued with new experiences in tail wheeled aircraft and open cockpit aircraft. Both Dr. Fine and Dr. Kothari participated in flying activities at Red Stewart Airport in Waynesville, Ohio, where both experienced flying in a 1932 Steerman biplane. This is again in line with our goal of being a leader in aerospace medicine education.

Aerospace Medicine Master's Degree Program

- The new curriculum implemented in 2014, has generated excellent results as well as positive feedback from participating students. It has become apparent in the aerospace medicine community that students who graduate from our program come out with an excellent education. This feedback has been conveyed to us through multiple channels, including the USAF RAMs. Recent graduates who have sat for the Preventive Medicine board exam have scored in the top 25% of all takers.
- The curriculum's modular format was well appreciated by many of our international students, who desire two years plus in education duration as it translates into increased qualifications when returning to their home countries. This has allowed for two didactic tracks to be offered to incoming students, a one year track, and a two year track.
- The requirement for a Master's Project completion for graduation has undergone further growth. Students now have the additional option of preparing a research proposal according to National Institutes of Health (NIH) guidelines. This is felt to prepare future researchers with ample experience for potential future research grant submissions.
- Students continued to receive instruction for preparation of the FAA Fundamentals of Instruction (FOI) test. Upon test completion, the student is designated as an FAA ground instructor. This year, six students passed the FOI exam and received their ground instructor certificate.
- The division, for the second year, participated in a NASA/USN/WSU ASM educational video teleconference focused on space related medical issues as presented by space medicine specialists. The topics covered included: Bone loss in microgravity, the Longitudinal Study of Astronaut Health, Cardiovascular Effects of Space Flight, Operational Space Medicine Overview, and Nutritional Biochemistry for Space Flight.
- The division has continued tracking the application process for residents and students who are interested in entering our program. The simple Microsoft Excel spreadsheet process begun in 2014 has advanced to an established database using File Maker Pro

developed by Kevin Dunajski from the Boonshoft School of Medicine.

- In 2015, the application review process for residents and MS students was revised and went from a qualitative dictatorial process to a quantitative democratic process. In our overall efforts to improve the quality of residents and students entering our program, we needed to know where each applicant ranked. Grading sheets were developed (one for residents on a 100 point scale, one for M.S. students on a 70 point scale) for application review. Each applicant is now reviewed by three faculty with a final averaged grade being assigned. By doing this, we are able to track where we have been in regard to applicant strength so that we may determine focus areas for future improvement. The process has also transitioned from a dictatorial process involving the PD to a democratic process involving the faculty.

Flight Medicine Clinic

- Our visit numbers have increased by 56% from 2014 to 2015. This year we have seen 187 pilots and air traffic controllers for physicals and visits.
- The Optec 900 was added to our clinic for additional testing options of color vision deficient pilots. This is in line with our division goal of making our clinic a 'full service' flight medicine clinic. In conjunction with Cog screening and the ability to care for pilots who have substance dependence issues, our clinic is nearly a full service clinic for pilots and Air Traffic Control specialists.
- Dr. Olson and Dr. Jarnot were designated by the FAA as Employee AMEs meaning they are now authorized to perform FAA employee physicals (i.e. for air traffic controllers).
- Both residents and M.S. students have been involved with flight medicine clinic helping to enhance the student's educational experience.

Scholarly Activities

- WSU ASM sponsored the second 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 six credits of CME for attending physicians and health care providers.
- A certificate course focused on basic aerospace medicine was established in 2015. The course is six months in duration and is scheduled to be launched in 2016. It provides an additional option for students who may not be able to afford full one or two year tuition through our traditional MS program.

Collaborative Efforts

- Dr. Christopher Lienesch, who graduated in 2015, was involved in a collaborative research project with the Oregon Air National Guard and the USAF regarding cervical strain/injury in fighter pilots. The work is scheduled to be published in 2016.
- We have continued in a cooperative agreement with SpecPro Technical Services to provide medical personnel for the 711th Human Performance Wing on a contract basis.

- We have become an affiliate member under the University of Texas Medical Branch for collaborative research efforts concerning commercial space flight.
- The division has entered into a collaborative effort along with 16 member universities and 13 affiliate universities to submit an application for a solicitation focused on Air Traffic Controller education and research through the FAA. The application is scheduled to be submitted in 2016.
- The division has been working with the WSU MPH program to provide core curriculum classes for USAF RAM students who are working toward their MPH degree.
- The division continues to provide the MS degree for USAF residents of aerospace medicine. This year we have four RAMs who entered into our program.

Community Support

- Our division has continued to send job advertisements to interested alumni in an effort to maintain alumni relations and provide continued support.
 - We have added an online alumni update form to our website in order to collect contact information so as to maintain communications with our alumni.
 - Both Drs. Jarrot and Olson attended and presented aerospace medicine lectures to the Flying Physicians Midwest chapter.
-

Center for Global Health (CGH) 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.

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. In 2011, the CHC merged with the Center for Global Health (CGH) and is now a division within the Center for Global Health.

Center for Interventions, Treatment, and Addictions Research (CITAR) represents the focal point for substance abuse related services, academic research, and services research. Two other programs and projects operate within CITAR, Substance Abuse Resources & Disability Issues (SARDI), and Weekend Intervention Program (WIP).

- 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). 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 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*. 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. Resubmission of an R01 extending the study is in preparation.
- In 2008, the National Institute on Drug Abuse funded a five-year natural history study to be conducted by CITAR researchers: *Opioid Use Trajectories and HIV Risk among Young Adults in Ohio*, (Grant # R01DA023577). The overall aim of this study is to describe trajectories of non-prescribed pharmaceutical opioid use and identify the factors associated with the development of DSM-IV abuse or dependence (and transition to heroin use) among young adult users as well as HIV risk behaviors. A final sample consisting of 383 people was recruited. All follow-up interviews through 36 months were completed in 2013. This past year we completed several longitudinal analyses and presented one paper during the Year 2 no-cost extension. Publication of longitudinal studies is on-going.
- *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. The study has been funded entirely by CITAR. 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. We are in the process of re-administering the DADS in 2016.
- In 2015, Public Health Dayton & Montgomery County funded CITAR to continue producing the *Montgomery County Poisoning Death Review*. The goal of the study is to collect and analyze reports of unintentional drug overdoses provided by the Montgomery County Coroner's Office. Quarterly reports summarizing the findings are produced and presented to the Montgomery County Opiate Task Force. We hope to renew this study in 2016.

Substance Abuse Resources and Disability Issues (SARDI) Program seeks to improve the quality of life for persons with disabilities, including those who are concurrently affected by behavioral health issues. The SARDI Program achieves its objective by conducting collaborative and participatory research, developing intervention approaches and training, and disseminating related information.

New Grants Awarded to SARDI in 2015

- 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 Substance Use Disorder 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 Screening, Brief Intervention, and Referral to Treatment (SBIRT) grant for \$600,000 awarded October 2015. 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. 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. 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, \$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 received an extension (3/1/2015 – 12/31/2015) for \$108,627 for their Second Chance grant from the ADAMHS Board of Montgomery County. The goal of the Second Chance initiative is to improve employment outcomes at the Montgomery County Job Center for those at risk of alcohol and other drug abuse.
- SARDI also received a small grant of \$41,705 (9/1/2015 – 6/30/2016) from the ADAMHS Board to develop and pilot test of gambling prevention intervention for at-risk youth in Montgomery County.

Ongoing Grants

- 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 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 June 30, 2016, for an additional \$38,078.
- 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.
- With the Department of Family Medicine, SARDI co-authored an NIDA grant proposal to develop text messaging services for patients at risk for AOD abuse at Five Rivers Health Center. They were awarded \$22,000 in June 2014. SARDI continued to assist with technology and evaluation for this project, which ended in May 2015.
- 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.
- A three-year (2012-2015) Health Foundation of Greater Cincinnati grant, “SARDI Evaluation Services for the Health Foundation of Greater Cincinnati Mental Health/Medical Integration Project”, for \$392,008, was ongoing in 2015. SARDI will be upgrading the evaluation services for the grantees in the Health Foundation’s Mental Health/Medical Integration Project.
- The e-CAM project augmented traditional face-to-face SUD treatment by providing personal web pages for CAM consumers that permit consumer access to their personal health records and other web-based health information. A three-year (2011 – 2014) SAMHSA/ Center for Substance Abuse Treatment (CSAT) grant for \$839,937 supports this project, which was extended until February 28, 2015.
- The “Fifty-Plus Prevention Project” was funded by a five-year (2010 – 2015) SAMHSA/ CSAP grant for \$1,087,281, and includes group and environmental-level interventions to reduce substance abuse and HIV risk among African Americans age 50 and older in Montgomery County. In the final report submitted December 2015, we reported that 389 received the *Shield HIV* intervention, 2,037 received HIV testing and counseling, and 1,520 received the *Community Promise* environmental intervention.
- Another 5-year (2010 – 2015) SAMHSA/CSAP- funded project (for \$1,149,208) called “Substance, Testing and Education Program Using Prevention (Step-Up)” provided prevention interventions to reduce substance abuse and HIV risk among at-risk college students in Greene County, specifically at Wright State, Central State, and Wilberforce Universities. In the final report submitted in December 2015, we reported that the Step-Up project served 368 students with a group-level intervention at these universities to date and conducted HIV testing and counseling for 2,379 and environmental prevention strategies for 3,732 students.

- In 2015, 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.
- The SARDI Consumer Advocacy Model (CAM), which offered mental health and SUD treatment services at the downtown Dayton office as well as its satellite office in Urbana (Champaign County), was transferred from SARDI to Samaritan Behavioral Health, Inc., in February 2015.

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. WIP continues to provide opportunities for medical student, graduate student, and undergraduate student education.

- In 2015, 1,189 clients completed the Weekend Intervention Program, compared to 1,173 in 2014. The referrals include individuals from 70 different courts in at least 20 different counties throughout Ohio.
 - 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. In 2015, 237 individuals completed the YEP!, compared to 268 in 2014.
 - 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. 16 individuals completed the STEP in 2015.
 - In 2015, 27 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.
 - Four doctoral-level students from the School of Professional Psychology participated in the *Weekend Intervention Program* as a component of their coursework in 2015. In addition, 31 undergraduate students participated in WIP while completing the Drug and Alcohol Intervention Workshop sociology course offering, and 68 undergraduate students participated in the YEP! while completing the Intensive Alcohol Education sociology course offering.
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Lifespan Health Research Center (LHRC) conducts ongoing research projects, and is home to the Fels Longitudinal Study. The Fels Longitudinal Study which began in 1929 is the world's longest running study of human development, growth, body composition, and aging.

Research in the Lifespan Health Research Center 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.

Division of Medical Humanities, is comprised of one full-time faculty member, Mary White, PhD, assisted by numerous voluntary faculty from the Boonshoft School of Medicine, the Center for Global Health, and the Dayton medical community. In 2015, ethics curricula was offered in three B1 courses: *Physician, Patient, and Society* (8 hours), ICM (2 hours) and Neuroscience (2 hours). In addition, Dr. White teaches the first year global health elective: *Health Care in Developing Countries* and coordinates the online course *Nutrition in Medicine*. In B2, Dr. White leads ethics conferences in four third-year clerkships (1-4 hours each), and debriefs two simulated patient encounters involving difficult conversations. She also offers electives for fourth-years: *Future Directions in Global Health* and *Literature and Medicine*, participates in a new elective on translational research, and regularly advises three to four fourth-year student initiated electives. In addition to her medical school teaching, she teaches *Public Health Ethics and Policy* in the MPH program, and has been working with the Departments of Religion, Philosophy, and Classics to develop a Medical Humanities minor for undergraduates.

Dr. White's research activities in 2015 included one publication on teaching end-of-life communication, co-authored with faculty from the Department of Surgery, and one article in press on "Musical activity as it contributes to quality of life," (International Journal of Community Music). She developed a proposal (accepted) to teach ethics to the Public Health Department of Dayton and Montgomery County (to be implemented in 2016). She presented at meetings of the Academy for Professionalism in Health Care in Louisville, Kentucky; The International Conference to Promote Resilience, Empathy, and Well-Being in the Health Professions, and the American Society of Bioethics and Humanities. Her community service includes serving on the Children's Medical Center Institutional Review Board, the Kettering Health Network Ethics Committee, Hospice of Dayton's Ethics Committee, the Dayton Area Ethics Consortium, and projects with Welcome Dayton and Catholic Social Services on immigrant services. She is currently Board President of the American Fund for Charities.

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. In 2015, Reach Out gained more insight on how the Affordable Care Act is impacting those with insurance as well as those uninsured and ineligible for Medicaid insurance. The cost of care has risen and with it came alterations to insurance plans such as limited medication formularies and higher deductibles. We have seen access issues, cost issues, transportation and translation issues on the rise. Reach Out will continue to serve those who find the Affordable Care Act market plans unaffordable, those not qualified for health plans and those in transition due to various reasons such as moving from county to county or state to state. Our building is expanding to accommodate training for patients as well as volunteers. Decision making in the new healthcare environment now requires a team, a solid communication system (Electronic Medical Record) and continuous learning to stay within a balance of best practices and cost of care. We have a busy year ahead of us as we collaborate on several new projects, community paramedic, case management, and collaborations with grants to stimulate this regions innovation approaches to care. Our partnerships remains strong with local hospitals and corporations and we hope our charity contributions will grow as the public becomes more aware of the barriers in our current healthcare system. Our CORE mission continues to focus on access issues as we face challenges with medical professional shortages. Medical Students are invaluable on the frontline assisting this vulnerable population in Dayton, Ohio bringing institutions and faculty together to work for the common good. This mission brings about cooperation and collaboration among business competitors. On a small budget Reach Out has made great strides in providing access to care for those who otherwise may be without.

2015-2016 FY

- 10,441 Case management encounters
 - 3,070 Clinic visits
 - 19,700 Prescriptions dispensed
 - 565 Volunteers
 - 12,045 Volunteer hours
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The Department of Community Health 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