Department of Community Health

Annual Report

2014

James R. Ebert, MD, MBA, MPH
Chair

For the period including
January 1, 2014 — December 31, 2014
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, Clinical Trials Research Alliance, Medical Humanities, and Reach Out of Montgomery County.

2014 was a productive and successful year for the Department of Community Health. Our research and educational programs remain strong. Formal linkages between the Department of Community Health and the Departments of Orthopedics and Psychiatry were continued, with key faculty members continuing leadership roles in promoting research activities in these two clinical departments (Dana Duren in Orthopedics; Ramzi Nahhas in Psychiatry). We are very proud of our Center for Global Health, where new collaborative service contracts have been forged in partnership with Public Health Dayton and Montgomery County (PHDMC). Sylvia Ellison joined Sara Paton in performing consultative epidemiology work for PHDMC, and new contracts were formalized that give Nikki Rogers and Michael Dohn responsibilities in health assessment and promotion at PHDMC beginning early 2015. Marietta Orlowski published a textbook that is already attracting interest nationally. Reach Out of Montgomery County celebrated its twentieth year of operations in serving the needs of the uninsured and underinsured of the region under the creative and capable leadership of Sharon Sherlock.

Details of the activities of each Center and Division can be found in the Appendix to this report.

Programs/Divisions

<table>
<thead>
<tr>
<th>Name of Division or Program</th>
<th>Director</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace Medicine Residency Training Program and Master’s Program</td>
<td>Dean Olson, M.D., Assistant Professor</td>
<td>January 1, 2014 — January 4, 2015</td>
</tr>
<tr>
<td>Richard Garrison, M.D., M.S. – Associate Professor, Aerospace Medicine Residency Training Program and Master’s Program</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thomas Jamot, M.D., M.S. – Assistant Professor &amp; Associate Director, Aerospace Medicine Residency Training Program and Master’s Program</td>
<td></td>
<td></td>
</tr>
<tr>
<td>James McEachen II, M.D., M.P.H., M.E.E.E. – Associate Professor, Aerospace Medicine Residency Training Program and Master’s Program</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Michele Battle-Fisher, M.P.H. – Instructor &amp; Assistant Program Director, Master of Public Health Program</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name of Division or Program</td>
<td>Director</td>
<td>Dates</td>
</tr>
<tr>
<td>----------------------------</td>
<td>----------</td>
<td>-------</td>
</tr>
<tr>
<td>Michael Dohn, M.D., MSc – Associate Professor, Center for Global Health</td>
<td>April 1, 2014 – December 31, 2014</td>
<td></td>
</tr>
<tr>
<td>Sylvia Ellison, M.P.H., M.A. – Research Instructor, Center for Global Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mark Gebhart, M.D. – Associate Professor, Center for Global Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Naila Khalil, Ph.D., M.B.B.S., M.P.H. – Assistant Professor, Center for Global Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>John McAlearney, Ph.D. – Assistant Professor, Center for Global Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sabrina Neeley, Ph.D. – Assistant Professor, Center for Global Health</td>
<td>January 1, 2014 – June 30, 2014</td>
<td></td>
</tr>
<tr>
<td>Marietta Orlowski, Ph.D., M.C.H.E.S., Associate Professor, Center for Global Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sara Paton, Ph.D. – Associate Professor, Center for Global Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cristina Redko, Ph.D. – Assistant Professor, Center for Global Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nikki Rogers, Ph.D. – Assistant Professor, Center for Global Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>William Spears, Ph.D. – Associate Professor, Center for Global Health</td>
<td>January 1, 2014 – September 30, 2014</td>
<td></td>
</tr>
<tr>
<td><strong>Center for Healthy Communities</strong></td>
<td>Katherine Cauley, Ph.D., Professor</td>
<td></td>
</tr>
<tr>
<td><strong>Center for Interventions, Treatment &amp; Addictions Research</strong></td>
<td>Robert G. Carlson, Ph.D., Professor</td>
<td></td>
</tr>
<tr>
<td>Raminta Daniulaityte, Ph.D. – Associate Professor &amp; Associate Director, Center for Interventions, Treatment &amp; Addictions Research</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consumer Advocacy Model</td>
<td>Melissa R. Jones, BS, MRC, Clinical Director</td>
<td>January 1, 2014 – February 21, 2015</td>
</tr>
<tr>
<td>Substance Abuse Resources &amp; Disability Issues</td>
<td>Josephine Wilson, D.D.S., Ph.D., Professor</td>
<td></td>
</tr>
<tr>
<td>Jo Ann Ford, M.R.C. – Instructor &amp; Associate Director, Substance Abuse Resources &amp; Disability Issues</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nicole Kinzeler, Ph.D. – Assistant Professor, Substance Abuse Resources &amp; Disability Issues</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carlton Williams, D.Min. – Research Assistant Professor, Substance Abuse Resources &amp; Disability Issues</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weekend Intervention Program</td>
<td>Phyllis Cole, M.A., Assistant Professor</td>
<td></td>
</tr>
<tr>
<td><strong>Clinical Trials Research Alliance</strong></td>
<td>Arthur S. Pickoff, M.D. Director</td>
<td></td>
</tr>
<tr>
<td><strong>Wright State University and Premier Health Partners</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loren Friedman, M.S., Associate Professor Director of Clinical Trials</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mark Wysong, M.B.A., Assistant Professor Director of Operations</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lifespan Health Research Center</strong></td>
<td>Cameron Chumlea, Ph.D., Fels Professor, Brage Golding Distinguished</td>
<td>January 1, 2014 – June 30, 2014</td>
</tr>
</tbody>
</table>
### Name of Division or Program | Director | Dates
---|---|---
**Division of Epidemiology** | Stefan Czerwinski, Ph.D., Professor, Director | **Audrey Choh, Ph.D. – Research Assistant Professor, Division of Epidemiology**
| | | **Miryung Lee, Ph.D. – Associate Professor, Division of Epidemiology**
| | | **Matthew Peterson, Ph.D. – Associate Professor** October 1, 2014 – December 31, 2014
| | | **Bradford Towne, Ph.D. – Professor, Division of Epidemiology**

**Division of Morphological Sciences and Biostatistics** | Richard Sherwood, Ph.D., Professor |
| Dana Duren, Ph.D. – Associate Professor, Division of Morphological Sciences and Biostatistics |
| Andrew Froehle, Ph.D. – Assistant Professor, Division of Morphological Sciences and Biostatistics |
| Ramzi Nahhas, Ph.D. – Assistant Professor, Division of Morphological Sciences and Biostatistics |

**Medical Humanities** | Mary T. White, Ph.D., Professor |
| Ashley Fernandes, M.D., Ph.D. – Associate Professor, Medical Humanities January 1, 2014 – July 31, 2014 |

**Reach Out of Montgomery County** | Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N., Assistant Professor |

### Fully Affiliated Faculty

| Name and Academic Position | Clinical Interests | Research Interests |
---|---|---
**Aerospace Medicine Residency Training Program and Master’s Program** |
Dean Olson, M.D., Assistant Professor, Director, Aerospace Medicine Residency Training Program and Master’s Program General aviation and space related medical issues. 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 Garrison, M.D., M.S., Associate Professor, Aerospace Medicine Residency Training Program and Master’s Program |
Thomas Jarnot, M.D., M.S., Assistant Professor & Associate Director, Aerospace Medicine Residency Training Program and Master’s Program |
James McEachen II, M.D., M.P.H., M.E.E.E., Associate Professor, Aerospace Medicine Aerospace medicine, preventive medicine, The application of emerging technology toward addressing clinical and preventive care
<table>
<thead>
<tr>
<th>Name</th>
<th>Academic Position</th>
<th>Clinical Interests</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Dohn, M.D., MSc – Associate Professor, Center for Global Health</td>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>Sylvia Ellison, M.P.H., M.A., Research Instructor, Center for Global Health</td>
<td></td>
<td></td>
<td>Sustainability of community-based health promotion activities; gender-based violence; gender in health promotion; HIV/AIDS.</td>
</tr>
<tr>
<td>Naila Khalil, Ph.D., Assistant Professor, Center for Global Health</td>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>John McAlearney, Ph.D., Assistant Professor, Center for Global Health</td>
<td></td>
<td></td>
<td>Environmental epidemiology research, specifically human health effects such as bone density changes and metabolic effects related to environmental exposures including lead and endocrine disruptors.</td>
</tr>
<tr>
<td>Marietta Orfowski, Ph.D., M.C.H.E.S., Associate Professor, Center for Global Health</td>
<td></td>
<td></td>
<td>Adolescent health behaviors, health behavior measurement, &amp; program evaluation.</td>
</tr>
<tr>
<td>Sara Paton, Ph.D., Associate Professor, Center for Global Health</td>
<td></td>
<td></td>
<td>Maternal and child health issues, food safety, health assessment, HIV, population health, Fetal Alcohol Spectrum Disorders.</td>
</tr>
<tr>
<td>Cristina Redko, Ph.D., Assistant Professor, Center for Global Health</td>
<td></td>
<td></td>
<td>Immigrant health, as well as developing strategies for global health education.</td>
</tr>
<tr>
<td>Name and Academic Position</td>
<td>Clinical Interests</td>
<td>Research Interests</td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td>--------------------</td>
<td>--------------------</td>
<td></td>
</tr>
<tr>
<td>Nikki Rogers, Ph.D., Assistant Professor, Center for Global Health</td>
<td>Maternal and child health, sociocultural health factors, and African/African-American population health.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Center for Healthy Communities**

<table>
<thead>
<tr>
<th>Name and Academic Position</th>
<th>Clinical Interests</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Katherine Cauley, Ph.D., Center for Healthy Communities</td>
<td>International education, community based multi-professional clinical education, service learning, and community academic partnerships.</td>
<td></td>
</tr>
</tbody>
</table>

**Center for Interventions, Treatment & Addictions Research**

<table>
<thead>
<tr>
<th>Name and Academic Position</th>
<th>Clinical Interests</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert G. Carlson, Ph.D., Director, Center for Interventions, Treatment &amp; Addictions Research</td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name and Academic Position</th>
<th>Clinical Interests</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phyllis Cole, M.A., Assistant Professor, Director, Weekend Intervention Program</td>
<td>Substance abuse, problem drinking, and OVI issues.</td>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name and Academic Position</th>
<th>Clinical Interests</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raminta Daniulaityte, Ph.D., Associate Professor &amp; Associate Director, Center for Interventions, Treatment &amp; Addictions Research</td>
<td>Epidemiology of drug abuse, social media research, natural history studies, and mixed methods research.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name and Academic Position</th>
<th>Clinical Interests</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jo Ann Ford, M.R.C., Instructor &amp; Associate Director, Substance Abuse Resources &amp; Disability Issues</td>
<td>Substance abuse treatment and prevention, disability issues, and behavioral health treatment for people with co-existing disabilities.</td>
<td>Women with disabilities including substance abuse, violence issues, and advocacy.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name and Academic Position</th>
<th>Clinical Interests</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nicole Kinzeler, Ph.D. – Assistant Professor, Substance Abuse Resources &amp; Disability Issues</td>
<td>Improve the quality of life for individuals with behavioral health issues, including substance abuse disorders and mental illness. Since I have joined the faculty in the Department of Community Health, I have coordinated and led two evaluation projects examining the impact of integrating behavioral health and medical care in Ohio and surrounding areas. Both of these projects aim to improve healthcare for patients most at-risk for chronic medical conditions and substance use disorders (SUDs), including the severely and persistently mentally ill (SPMI). Because of my previous training in the field of neuroscience, I am also interested in expanding my research at SARDI to include</td>
<td></td>
</tr>
<tr>
<td>Name and Academic Position</td>
<td>Clinical Interests</td>
<td>Research Interests</td>
</tr>
<tr>
<td>----------------------------</td>
<td>-------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>Josephine Wilson, D.D.S., Ph.D., Professor, Director, Substance Abuse Resources &amp; Disability Issues</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>Lifespan Health Research Center- Division of Epidemiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stefan Czerwinski, Ph.D., Professor, Director, Division of Epidemiology Lifespan Health Research Center</td>
<td></td>
<td>Genetic epidemiology, epidemiology of growth, aging, and chronic disease risk (e.g., CVD, obesity, and osteoporosis).</td>
</tr>
<tr>
<td>Audrey Choh, Ph.D., Research Assistant Professor, Division of Epidemiology Lifespan Health Research Center</td>
<td></td>
<td>Genetic epidemiologist interested in risk factors related to obesity and cardio- and cerebro-vascular 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: 1) the influence of childhood, adulthood and lifetime adiposity and blood pressure history on adulthood cognition using serial data from the Fels Longitudinal Study. 2) how job demands influence physical activity and health in collaboration with Dr. Nathan Bowling.</td>
</tr>
<tr>
<td>Miryoung Lee, Ph.D., Associate Professor, Division of Epidemiology Lifespan Health Research Center</td>
<td></td>
<td>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: 1) vitamin D levels in blood and its relationship to obesity and cardiometabolic risk in children and adults, and 2) the effects of obesity on metabolic and genetic pathways linked to telomere length and telomerase activity.</td>
</tr>
<tr>
<td>Matthew Peterson, Ph.D., Associate Professor, Geriatrics Research</td>
<td></td>
<td>Geriatrics Research and the role of physical activity in attenuating</td>
</tr>
<tr>
<td>Name and Academic Position</td>
<td>Clinical Interests</td>
<td>Research Interests</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Division of Epidemiology Lifespan Health Research Center</td>
<td>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.</td>
<td>Bradford Towne, Ph.D. – Professor, Division of Epidemiology Lifespan Health Research Center</td>
</tr>
<tr>
<td>Name and Academic Position</td>
<td>Clinical Interests</td>
<td>Research Interests</td>
</tr>
<tr>
<td>----------------------------</td>
<td>-------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Richard Sherwood, Ph.D., Director, Professor Division of Morphological Sciences and Biostatistics Lifespan Health Research Center</td>
<td>Improvements in treatment timing for orthodontists and prosthodontists.</td>
<td>Craniofacial and skeletal biology, comparative and evolutionary craniofacial morphology, craniofacial genetics, and craniofacial growth. Prosthodontists.</td>
</tr>
<tr>
<td>Dana Duren, Ph.D., Associate Professor, Division of Morphological Sciences and Biostatistics Lifespan Health Research Center</td>
<td>(see Research)</td>
<td>Bone and joint health throughout the life span. Funded projects include examination of bone accrual during childhood (genetic, somatic, and environmental aspects) National Institutes of Health (NIH), updating the Fels method for assessing skeletal maturity in children (NIH), and creating a semi-automated software program for skeletal maturity assessment (BSOM). I work closely with clinicians in several departments, and in 2015 will be submitting an NIH proposal on the musculoskeletal health effects of bariatric weight loss surgery.</td>
</tr>
<tr>
<td>Andrew Froehle, Ph.D., Assistant Professor, Division of Morphological Sciences and Biostatistics Lifespan Health Research Center</td>
<td>My work treats abnormal physical function and changes in performance as potential indicators of underlying disease or disorder. My research also examines physical performance profiles as risk factors for subsequent injury or development of disease. Much of this work involves collaboration with practitioners in orthopaedic surgery, sports medicine, physical therapy, and athletic training. 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.</td>
<td></td>
</tr>
<tr>
<td>Ramzi Nahhas, Ph.D., Assistant Professor, Division of Morphological Sciences and Biostatistics Lifespan Health Research Center</td>
<td>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; cardio metabolic 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.</td>
<td></td>
</tr>
<tr>
<td><strong>Medical Humanities</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mary T. White, Ph.D., Director, Medical Humanities</td>
<td>Medical ethics and professionalism, global health education, end-of-life care.</td>
<td></td>
</tr>
<tr>
<td><strong>Reach Out of Montgomery County</strong></td>
<td>Healthcare for</td>
<td>Underserved populations such</td>
</tr>
<tr>
<td>Sharon Sherlock, D.H.A., R.N., B.S.N., M.S.A.,</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Name and Academic Position

<table>
<thead>
<tr>
<th>Name and Academic Position</th>
<th>Clinical Interests</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Professor, Director Reach Out of Montgomery County</td>
<td>uninsured/underinsured populations</td>
<td>as adolescents and disparities in health, how multiculturalism relates to or conflicts with compliance in healthcare behaviors.</td>
</tr>
</tbody>
</table>

### Clinical Trials Research Alliance

<table>
<thead>
<tr>
<th>Name and Academic Position</th>
<th>Clinical Interests</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loren Friedman, M.S., Associate Professor, Director of Clinical Trials</td>
<td>Psychoactive medications, clinical research</td>
<td>Evaluation of psychoactive medications, abuse potential of pharmaceuticals, informed consent in psychiatric clinical research, Institutional Review Board evaluation of multicenter trials.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name and Academic Position</th>
<th>Clinical Interests</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mark Wysong, M.B.A., Assistant Professor, Director of Operations</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## 4 Teaching

**Baccalaureate** [any course for a bachelor's degree]

**Phyllis Cole, M.A.**
- Sociology 3230: 1 credit hour, 63 undergraduate students met the requirements for completion
- Sociology 3240: 2 credit hours, 27 undergraduate students met the requirements for completion

**Cristina Redko, Ph.D.**
- URS3000: Foundations of Urban Affair

**Graduate students, including thesis supervision** [master's, doctor's post-doctoral]

**Audrey Choh, Ph.D.**
- Co-instructor, CMH 8100-2: Critical Thinking in Public Health
- Mentee: PREP scholars program trainees
- Mentor, Grad Prep Biomedical Graduate Degree Preparation Program

**Phyllis Cole, M.A.**
- Weekend Intervention Program: 14 students from the School of Professional Psychology

**Stefan Czerwinski, Ph.D.**
- Co-instructor, CMH 6100: Biostatistics for Health Professionals
- Co-instructor, CMH 8100-2: Critical Thinking in Public Health
- Mentor, Short-Term Training Program to Increase Diversity in Health-Related Research (STREAMS)
- Mentor, Virtual Reality Technologies for Research and Education in Obesity and Diabetes (faculty)

**Michael Dohn, Ph.D.**
- Course direction, CMH 7520: Problems in Public Health (offered Summer B 2015)
- Course direction, CMH 7920: Special Topics in Public Health (development of two separate courses to be offered Spring Semester 2015)
- Instructor, CMH 7710: Global Health
- Instructor, MPH Student Culminating Experience lead/reader- Five students
• Instructor, MPH Student Practice Placement supervision- Three students
• Instructor, Non-MPH Graduate Students- Masters Committee for one student
• Instructor, PAS 505: (University of Dayton Physician Assistant program) taught two of the classes on population health

Dana Duren, Ph.D.
• Invited speaker, CME, American Academy of Orthopaedic Surgeons symposium on Musculoskeletal Sex Differences Throughout the Lifespan
• Lecture Contribution, CME, Craniofacial Research Symposium, Cincinnati Children’s Hospital Medical Center
• Mentor, Orthopaedic Surgery, four residents
• Research mentor, graduate medical student
• Translational Grant funded Computer Science and Engineering, one graduate student

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.
• Certificate Program in Health Care Management
• Dual Degree programs for medical students
• Program Director for WSU Master of Public Health program
• Course Director, CMH 7510 - Strategic Leadership in Health Care
• Course Director, CMH 8110 – Practice Placement

Sylvia Ellison, M.P.H., M.A.
• Course co-developer, instructor CMH 7210: Maternal and Child Health
• Course Director, CMH 7150: Applied Epidemiology
• MPH Culminating Experience (CMH 8210 / 8220)

Andrew Froehle, Ph.D.
• Guest Instructor, BMS 994: Introduction to Research. Human Gait and Clinical Motion Analysis Research.

Richard T. Garrison, M.D., M.S., M.S.
• Director/Instruction, ASM 7571: Aerospace Skills for Healthcare Providers I
• Director/Instruction, ASM 7572: Aerospace Skills for Healthcare Providers II
• Director/Instruction, ASM 7573: Aerospace Skills for Healthcare Providers III A Term
• Director/Instruction, Hyperbaric Medicine rotation

Mark Gebhart, M.D.
• Instructor, CMH 7640: Public Health Emergency Management
• Instructor, CMH 7650: Crisis and Consequence Management
• Instructor, CMH 7660: Public Health Aspects of Terrorism
• Instructor, Independent Study sections

Thomas F. Jarnot, M.D., M.S.
• Director/Instruction, ASM 7210: Operational Aerospace Medicine
• Director/Instruction, ASM 7471: Environmental Medicine
• Director/Instruction, ASM 7777: Space Medicine
• Director/Instruction, ASM 7871: Space Medicine I
• Advisor, ASM 8500: Research Project
Naila Khalil, Ph.D., M.B.B.S., M.P.H.
- CMH 6300: Environmental Health
- Critical Thinking in Public Health, CMH 8100, -Guest speaker for session on environmental health
- Independent Study, 1 credit hour, offered to second year student in Boonshoft School of Medicine
- PTX 8120: Case Studies Chemical Biological Radiological and Nuclear Defense

Miryoung Lee, Ph.D.
- Mentor, MPH program
- Mentor, STREAMS
- Lecturer, CMH 6100: Biostatistics for Health Professionals
- Lecturer, CMH 8100: Critical Thinking in Public Health (GRAD-Prep program)

John McAlearney, Ph.D.
- Course Director, CMH 6500: Health Resource Management and Policy Certificate/MPH/MBA students
- MPH Culminating Experience
- PhD Thesis Committee

James McEachen II, M.D., M.P.H., M.E.E.E.
- Assisted in re-write of the Aerospace Medicine Master Degree program curriculum in over a decade
- Instructor, ASM 6540: Community and Behavioral Health
- Instructor, ASM 7370: Aerospace Toxicology
- Instructor, ASM 7971: Introduction to Aerospace Medical Research I

Dean Olson, M.D.
- Instructor, ASM 7000: Accident Investigation
- Instructor, ASM 7771: Fundamentals of Aerospace Medicine
- Instructor, ASM 7971: Introduction to Aerospace Medicine Research I
- Instructor, ASM 8500: Research Project Supervision
- Assisted in re-write of the Aerospace Medicine Master Degree program curriculum, in over a decade.

Marietta Orlowski, Ph.D., M.C.H.E.S.
- CMH 6400: Social and Behavioral Determinants of Health
- CMH 7420: Health Promotion Planning & Evaluation
- MPH Culminating Experiences

Sara Paton, Ph.D.
- Course Director, CMH 6200: Public Health Epidemiology
- Lecturer, CMH 7420: Health Program Planning & Evaluation
- Lecturer, CMH 8100: What is Epidemiology
- MPH Culminating Experience, CMH 8210 and 8220

Matthew Peterson, Ph.D.
- Applied Statistics, course #N308: Duke School of Nursing Accelerated BSN program

Cristina Redko, Ph.D.
- Course Director, CMH7129: Qualitative Research
- Course Director, CMH7710: Global Health
• 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
• PhD Thesis Committee (SOPP)

Nikki Rogers, Ph.D.
• Instructor, CMH 8100: Critical Thinking
• Instructor, CMH 8210: Public Health Culminating Experience I
• Instructor, CMH 8220: Public Health Culminating Experience II

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
• MPH-WSU program #2 students for research projects from WSU
• MS-UD #2 Human Factor Department/Psychology research projects

Undergraduate medical education [medical school]

Phyllis Cole, M.A.
• CMH 606: Intervention and Treatment in Substance Abuse Elective – 9 students completed
• CMH 610: Weekend Intervention Program Service Learning experience – 12 medical students

Michael Dohn, Ph.D.
• Physician Preceptor, ICM I Physical Diagnosis
• Physician Preceptor, Introduction to Clinical Medicine I

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.
• Supervision of MS III students in Dayton Children’s Lipid Clinic
• Launched partnership with Universities of Georgia and Haifa for MPH study abroad. One MPH student participated in this grant-funded opportunity

Richard T. Garrison, M.D., M.S., M.S.
• Aerospace Medicine Clinical Elective Rotation for medical students
• Developed and coordinated the first formal clinical/elective rotation in Aerospace Medicine in the program’s history. 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

Thomas F. Jarnot, M.D., M.S.
• Aerospace Medicine Clinical Elective Rotation for medical students
• Developed and coordinated the first formal clinical/elective rotation in Aerospace Medicine in the program’s history. 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

James McEachen II, M.D., M.P.H., M.E.E.E.
• Aerospace Medicine Clinical Elective Rotation for medical students
• Developed and coordinated the first formal clinical/elective rotation in Aerospace Medicine in the program’s history. 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

**Dean Olson, M.D.**
- Aerospace Medicine Clinical Elective Rotation for medical students
- Developed and coordinated the first formal clinical/elective rotation in Aerospace Medicine in the program’s history. 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

**Cristina Redko, Ph.D.**
- Advisor, Medical Student Initiated Electives

**Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.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-GVH-DO #3 interns (3/4th year) in the evening clinics

**Mary T. White, Ph.D.**
- Advisor, AMWA
- Advisor, BSOM Chapter Advisor, Humanism Honor Society
- Advisor, Global Health Initiatives (GHI); financial information, symposium support; ad hoc activities; website development, working with International Education Advisory Board; developing research guidelines for Global Health students
- Advisor, Medical Students for Choice, Presentation with Planned Parenthood, 15 students
- Course Director, Health Care in Developing Countries elective, 40 students
- Course Director, Nutrition in Medicine online course, completed by about 50 M1 and M2 students
- Course Director, development of and participation in 2-hour module on brain death, Persistent Vegetative State and minimally conscious state for Neuroscience course/Mark Rich
- Co-instructor, CMH 714: Public Health Ethics and Policy, 6 students
- Discussion Coordinator and Facilitator, ICM II: WIT, for year-two students
- Facilitated Debriefing, ICM III: Delivering Bad News - simulated patient experience
- Guest speaker, Women and Medicine, first year elective directed by Sheela Barhan
- Instructor, CMH 806: Fourth-year elective on Literature and Medicine, 2 students
- Presentation, Research Ethics: Grad-Prep, Bio-STAR, STREAMS Programs, (2 hours)
- Re-designed Saudi curriculum: Dr. Fernandes’ first-year ethics modules for the new course, Physician, Patient, and Society-Sabrina Neeley, Course Director; adapting these materials for the Unaizah Medical School in Saudi Arabia. Includes developing lecture notes, PowerPoints, and Multiple Choice Questions test questions
- Third Year Clerkships (ongoing):
  - Case conference and disclosing medical errors (90 min/rotation)
  - Internal medicine ethics/palliative care (one hour/rotation/difficult patients); participation in retreat (4 hours/rotation)
  - OB/GYN ethics conference (one hour/rotation)
  - OSCEs on end-of-life communication debriefing (3 hours/rotation)
  - Psychiatry ethics conference (one hour/rotation)
  - Surgery: (5 hours/rotation)
Graduate medical education [residents, fellows] - aerospace

Michael Dohn, Ph.D.
- Resident lecture: HIV/AIDS Retrospective

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.
- Pediatric Residents on Adolescent Medicine Rotation in Lipid Clinic

Richard T. Garrison, M.D., M.S., M.S.
- Instructor, Aerospace Medicine Elective Rotation
- Instructor, Simulator Based Flight Instruction: (ACGME/RRC) required ASM resident Flight Instruction
- Instructor, Wright State University Division of Aerospace Medicine Flight Medicine Clinic

Thomas F. Jarnot, M.D., M.S.
- ASM Journal Club.
- Clinical Didactic Sessions, ASM residents and graduate students.
- Guest Lectures coordination.
- In-Service Examinations: Development and implementation of ASM in-service examinations.
- Instructor, Aerospace Medicine Elective Rotation
- Instructor, Simulator Based Flight Instruction: (ACGME/RRC) required ASM resident Flight Instruction
- Instructor, Wright State University Division of Aerospace Medicine Flight Medicine Clinic

James McEachen II, M.D., M.P.H., M.E.E.E.
- Instructed residents & medical students on Aerospace Physiology during April 2014 and October 2014
  ‘Introduction to Aerospace Medicine’ rotations

John McAlearney, Ph.D.
- Lecturer, SMD 524 - Medical Ethics and Professionalism.

Dean Olson, M.D.
- Aerospace Medicine Elective Rotation
- ASM Journal Club: moderator
- Clinical Instruction – Flight Medicine Clinic: Preceptor
- Guest Lecturers
- Implementation of NewInnovations Residency Management Suite (RMS)
- NASA/USN/WSU Space Medicine Teleconference: Coordinated and attended
- Resident Tracks and Rotation:
  - Critical Care Air Transport Track: creating a new track focused on critical care patient transport
  - United States Navy Aircraft Carrier: establish a 2-3 week rotation program for ASM residents

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
- WSU-BSOM #15 Family Medicine residents,
- WSU-BSOM #18 Aerospace Medicine Residents, Health Admin Course Summer
- WSU-BSOM #1 Internal Medicine Resident (use to have many??)
Josephine Wilson, D.D.S. Ph.D.
• Mentor to Dr. Lara Ilyas, R2, on NIDA Family Medicine grant

**Continuing medical education** [grand rounds, seminars] –

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.
• Department of Pediatrics Grand Rounds, Prevention and Intervention in Childhood Obesity – March 12\(^{th}\), 2014
• WSU BSOM Faculty Leadership Academy

Andrew Froehle, Ph.D.
• Guest Lecturer, CME Course: Normal Human Gait. Regional Prosthetics and Orthotics, Miami Valley Hospital

Richard T. Garrison, M.D., M.S., M.S.
• Aerospace Medical Association: Annual meeting, San Diego, California. Attended scientific meeting and presentations, including the Civil Aviation Medical Association, Space Medicine Association, and NASA Flight Surgeon Luncheons. Completed the hyperbaric medicine certification course
• Aviation Medical Examiner Seminar: Required CME for FAA Aviation Medical examiners. Bethesda, Maryland
• Grand Rounds
• HIMS Certification Course: FAA required education leading to the designation as a HIMS aviation medical examiner. This program concerns the identification and evaluation of pilots with alcohol and substance abuse. The AME is responsible for the evaluation and monitoring of these pilots. Other psychiatric conditions such as depression and ADHD are included in this program. Denver, Colorado
• Initiated and Co-Chaired, CME Conference: 1\(^{st}\) Annual Stanley R. Mohler Aerospace Medicine Lecture Series: EAA AirVenture Fly-In. Oshkosh, Wisconsin

Thomas F. Jarnot, M.D., M.S.
• Attended, CME Conference: 1\(^{st}\) Annual Stanley R. Mohler Aerospace Medicine Lecture Series: EAA AirVenture Fly-In. Oshkosh, Wisconsin
• Aerospace Medical Association (AsMA) Annual Meeting. San Diego, California
• Aerospace Medicine Updates: Annual live online CME event provided by Headquarters, Air National Guard. Washington D.C.
• Grand Rounds

Dean Olson, M.D.
• Attended, CME Conference: 1\(^{st}\) Annual Stanley R. Mohler Aerospace Medicine Lecture Series: EAA AirVenture Fly-In. Oshkosh, Wisconsin
• Aerospace Medical Association (AsMA) Annual Meeting. San Diego, California
• Aerospace Medicine Updates: Annual live online CME event provided by Headquarters, Air National Guard. Washington D.C.
• Grand Rounds

Sara Paton, Ph.D.
• Planned and Presented, Health Link Seminar (Center for Healthy Communities). 1 hour presentation and panel at half-day seminar on health disparities. Approximately 50 people.
• Presentation to Dayton Public School Nurse's at an In-service Day, Infant Mortality and Birth Outcomes in Montgomery County, Ohio
Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
- Montgomery County Medical Society Panel: ACA Provider/Patient Impact
- OU-com 3/4th year students: annual class on Healthcare Administration
- PA-UD 30 students #2 classes Chronic Care Mgmt & Health Policy/Economics 1st class

Richard Sherwood, Ph.D.
- Presentation: 3rd Annual Craniofacial Research Symposium, Cincinnati Children’s Hospital Medical Center. Cincinnati, Ohio

Josephine Wilson, D.D.S., Ph.D.
- Grand Rounds presentation: Ethanol and the Developing Brain: Biological & Behavioral Impacts. Kettering Medical Center
- Grand Rounds presentation: Women and Alcohol. Grand View Hospital
- Grand Rounds presentation: Women and Alcohol. Kettering Medical Center
- Presentation: Current Trends of Drugs of Abuse: Their Effects on Brain and Behavior. District Training, U.S. Probation Court, Southern District of Ohio. Indianapolis, Indiana
- Presentation: Holistic Mental Health. Miami Valley Hospital
- Presentation: The Neurophysiology and Addiction Potential of Synthetic Drugs. Montgomery County ADAMHS Synthetics Symposium

Other

Phyllis Cole, M.A.
- Through a collaborative effort with Sinclair Community College the Weekend Intervention Program is a practicum site for students completing the MHT Associates Degree. I supervised 2 students in this program as they completed a semester long practicum at WIP

Richard T. Garrison, M.D., M.S., M.S.
- Flight Instructor Recertification: Achieved recertification of Federal Aviation Administration Airplane, Glider, and Instrument Flight Instructor Certificates. This certificate is required to provide FAA approved Flight and or Simulator instruction to students
- USAF Reserve Officer training: Maxwell AFB, Montgomery Alabama

Thomas F. Jarnot, M.D., M.S.
- FAA Approved Ground Instruction

Nicole Kinzeler, Ph.D.
- Director of Evaluation, SARDI

Dean Olson, M.D.
- American Board of Family Medicine, board eligible
- American Board of Preventive Medicine, board certified
- Community Outreach, presented the topic of Aerospace Medicine to Middle School children going through the WSU Summer Space Camp Week

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
- Pre Med=#73, 5 classes per semester Nursing preceptor MSN’s OSU, BSN’s=#9 from WSU Nursing program
Josephine Wilson, D.D.S., Ph.D.

- Presentation, Grant Government Workshop. University of Dayton
- Presentation, Grant Writing Workshop. Wright State Graduate Student Association

Scholarly Activity

**Funded grants** [List PI(s), grant title, funding source, amount of award, and dates of award. Please list each grant only once. Identify student & resident authors, i.e., *=student author **=resident/fellow]

**Department of Community Health**

2014 – Active Grants and Contracts

**does not include grants with less than $1,000 in 2014 expenditures**

Total Number of Projects: 47
Total 2014 Expenditures: $7,077,713.16

**Aerospace Medicine**

* Aerospace Medicine Residency Program
  The National Aeronautics and Space Administration (NASA)
  PI: Dean Olson
  2014 expenditures: $548,885.94

* Hypoxia and Cognitive Function Services
  Mayo Clinic
  PI: James McEachen II
  2014 expenditures: $3,320.56

* Optimizing Oxygen Delivery Schedule for Enhanced Pilot Performance
  Wyle Laboratories
  Co PI: James McEachen II
  2014 expenditures: $42,525.35

* Transient Hypoxia Impact on Aircrew Cognitive and Physiologic Performance
  Wyle Laboratories
  PI: James McEachen II
  2014 expenditures: $19,903.45

**Center for Global Health**

* Dress your Dog Here: The Impact of Pairing Vegetables with Popular Entrée Items
  Cornell University
  PI: Marietta Orlowski
  2014 expenditures: $21,219.34

* Epidemiology Services Contract
  Public Health – Dayton & Montgomery Counties
  PI: Sara Paton
  2014 expenditures: $2,000
2014 expenditures: $90,520.49

Lesbian Gay Bisexual Transgender Health Disparities Fostering Inclusion in the Medical Student Curriculum
Central Group on Educational Affairs
PI: Sabrina Neeley
2014 expenditures: $4,600

Smarter Lunchroom
Ohio Department of Education
PI: Marietta Orlowski
2014 expenditures: $16,737.39

Center for Healthy Communities
Consult Services
PI: Kate Cauley
2014 expenditures: $8,886.97

Kinship Navigator Consortium CY2013 & CY2014
Montgomery County Children Services
PI: Kate Cauley
2014 expenditures: $127,859.33

MEDTAPP Healthcare Access Initiative-Community Health Workers First
The Ohio State University
PI: Kate Cauley
2014 expenditures: $42,066.11

Ohio Area Health Education Centers Program for Region IV (AHEC)
Ohio Board of Regents
PI: Kate Cauley
2014 expenditures: $137,942.35

Sinclair Community College Matching Funds CY2013 & CY2014
Sinclair Community College
PI: Kate Cauley
2014 expenditures: $30,426.03

Center for Interventions, Treatment & Addictions Research
Accidental Drug Overdose Trends in 23 Ohio Counties
Ohio Department of Mental Health
PI: Robert G. Carlson
2014 expenditures: $9,722.29

Comparing Interventions for Opioid Dependent Patients presenting in Medicals EDs
University of New Mexico
PI: Richard C. Rapp
2014 expenditures: $34,466.61

Consumer Advocacy Model (CAM)
Various state and local agencies
PI: Kristen Dunn
2014 expenditures: $1,381,206.64
Deaf Off Drugs and Alcohol Evaluating a Technology-Assisted E-Therapy Program for SUD Treatment
U.S. Department of Education
PI: Josephine Wilson
2014 expenditures: $81,340.98

eCAM A Virtual Health Info One Stop
Substance Abuse & Mental Health Services Admin (SAMHSA)
PI: Josephine Wilson
2014 expenditures: $170,381.07

Evaluating the Effectiveness of Online Portal-Based Vocational Rehabilitation Services
U.S. Department of Education
PI: Josephine Wilson
2014 expenditures: 24,341.49

Fifty Plus Prevention project F3P
Substance Abuse & Mental Health Services Admin. (SAMHSA)
PI: Carlton Williams
2014 expenditures: $306,951.01

Healthy Brothers - Healthy Sisters
Substance Abuse & Mental Health Services Admin (SAMHSA)
PI: Jo Ann Ford
2014 expenditures: $141,827.38

Integrated Continuum-of-Care Services (ICS) Project
Substance Abuse & Mental Health Services Admin. (SAMHSA)
PI: Jo Ann Ford
2014 expenditures: $66,067.15

MEDTAPP Pediatric Telepsychiatry Pilot Study
The Ohio State University
PI: Josephine Wilson
2014 expenditures: $12,116.88

Mental Health/Medical Integration Project
Health Foundation of Greater Cincinnati
PI: Nicole Kinzeler
2014 expenditures: $64,104.45

Montgomery County Poisoning Death Review 2014
Public Health Dayton and Montgomery County
PI: Robert Carlson
2014 expenditures: $16,640.69

NIDA National Early Warning System Network iN3 An Innovative Approach
National Institute on Drug Abuse (NIDA)
PI: Robert Carlson
2014 expenditures: $23,222.89
Ohio SBIRT
Ohio Department of Mental Health and Addiction Services
PI: Josephine Wilson
2014 expenditures: $100,473.33

One Stop to Wellness
Substance Abuse & Mental Health Services Admin. (SAMHSA)
PI: Jo Ann Ford
2014 expenditures: $163,257.04

Online VR Assessment and Service Protocol to Enhance Employment of Individuals who are Deaf
U.S. Department of Education
PI: Josephine Wilson
2014 expenditures: 61,270.88

Our Women's Health Promotion Project
Substance Abuse & Mental Health Services Admin (SAMHSA)
PI: Jo Ann Ford
2014 expenditures: $412,009.62

Outpatient Substance Abuse Mental Health Treatment in Montgomery County
U.S. Probation Office
PI: Jo Ann Ford
2014 expenditures: $3,642.47

Prevention Problem Gambling
Ohio Department of Mental Health and Addiction Services
PI: Josephine Wilson
2014 expenditures: 16,038.49

Second Chance Initiative
Montgomery County ADAMH Services Board
PI: Josephine Wilson
2014 expenditures: $108,588.33

Social Web Data on Buprenorphine
National Institute on Drug Abuse (NIDA)
PI: Raminta Daniulaityte
2014 expenditures: $4,223.70

Substance Testing and Education Program Using Prevention STEP UP
Substance Abuse & Mental Health Services Admin. (SAMHSA)
PI: Carlton Williams
2014 expenditures: $311,585.05

Telemedicine Project
Ohio Department of Developmental Disabilities
PI: Kristen Dunn
2014 expenditures: $161,146.18
Trajectories of Illicit Pharmaceutical Opioid Use Among Young Adults in Ohio
National Institute on Drug Abuse (NIDA)
PI: Robert Carlson
2014 expenditures: $134,931.07

Trending Social media analysis to monitor cannabis and synthetic cannabinoid use
National Institute on Drug Abuse (NIDA)
PI: Raminta Daniulaityte
2014 expenditures: $37,012.56

Lifespan Health Research Center
Adiposity Disease Risk Factors and Lifetime Health
National Institute of Child Health & Human Development (NICHD)
PI: Stefan Czerwinski
2014 expenditures: $1,411,622.25

Craniofacial Growth Trajectories
National Institute of Dental Research (NIDR)
PI: Ramzi Nahhas
2014 expenditures: $19,611.81

Genetic Architecture of the Human Dentognathic Complex
National Institute of Dental & Craniofacial Research (NIDCR)
PI: Richard Sherwood
2014 expenditures: $231,706.46

Genetic Epidemiology of Ocular Health and Disease
Texas Biomedical Research Institute
PI: Bradford Towne
2014 expenditures: $18,673.54

Genetics of Bone Structure Metabolism
Texas Biomedical Research Institute
PI: Bradford Towne
2014 expenditures: $35,791.55

Prep Scholars
National Institute of General Medical Sciences (NIGMS)
PI: Stefan Czerwinski
2014 expenditures: $179,320.66

Short-Term Health Research Training to Increase Diversity
National Heart Lung and Blood Institute (NHLBI)
PI: Stefan Czerwinski
2014 expenditures: $104,635.52

Skeletal Maturity /Radiograph Consulting
Financial Manager: Dana Duren
2014 expenditures: $30,051.33
Updating Skeletal Maturity Methods for U.S. Children
National Institute of Arthritis & Musculoskeletal & Skin Diseases (NIAMSD)
PI: Dana Duren
2014 expenditures: $104,838.48

Publications [List each publication only once; do not list manuscripts in press. List only publications from the year covered by this report.]


Gebhart ME. “Hurricanes, Typhoons and Tropical Cyclones.” Cittione’s Disaster Medicine, 2nd Edition.


**Abstract/Poster presentations**


Castillo Rivera NG, **Lee M**, **Choh AC**, Wurzbacher KA, Chumlea WC, and Czerwinski SA. “Physical functioning and grip strength influences on bone health.” 3rd Annual Research and Education Forum MSC, University of Puerto Rico. 9-11 Apr 2014.


**Duren DL.** “Sex differences in bone development and bone mass during puberty.” Invited presentation: AAOS/CORR/ORS/CMH-UCD/SWHR Musculoskeletal Sex Differences throughout the Lifespan Research Symposium.


**Froehle AW,** Grannis KA, **Nahhas RW,** Sherwood RJ, and **Duren DL.** “Age at menarche and gait base of support provide indicators of risk for ACL rupture in young females.” AAOS/CORR/ORS/CMH-UCD/SWHR Musculoskeletal Sex Differences throughout the Lifespan Research Symposium.


Sherwood RJ and Duren DL. “Genetic architecture of the craniofacial complex: The Fels Longitudinal Study and the Jiri Dental Study.” (Presented: 3rd Annual Craniofacial Research Symposium, Cincinnati Children’s Hospital Medical Center. Cincinnati, OH. 23 January 2014).


Books, chapters, reviews


Significant presentations [e.g., to academic societies, medical schools and national professional societies.]

Robert Carlson, Ph.D.
Predictors of Transition to Heroin Use among Non-Opioid Dependent Illicit Pharmaceutical Opioid Users.


Raminta Daniulaityte, Ph.D.
Predictors of Transition to Heroin Use among Non-Opioid Dependent Illicit Pharmaceutical Opioid Users.


Jo Ann Ford, MRC


Andrew Froehle, Ph.D.
Age at menarche and gait base of support provide indicators of risk for ACL rupture in young females. Presented at the AAOS/CORR/ORS/CMH-UCD/SWHO Musculoskeletal Sex Differences Throughout the Lifespan Research Symposium. Rosemont, IL. July 30-Aug 1, 2014. (Gannis, Nahhas, Sherwood, Duren).


Richard T. Garrison, M.D., M.S., M.S.
“United States Sport Aviation Accident Statistics 2013.” FAI CIMP annual meeting. 21 June 2014. Lausanne Switzerland.

Nicole Kinzeler, Ph.D.
Mirnyoung Lee

John McAlearney, Ph.D.
“What is the Return on Investment for Changing a Medical Center Culture?” This scientific research was accepted and presented by a co-author at the American College of Surgeons 2014 Clinical Congress (San Francisco) and at the 2014 AAMC Integrating Quality: Improving Value through Clinical Transformation, Education and Science Meeting (Chicago).

James McEachen II, M.D., M.P.H., M.E.E.E.


Dean Olson, M.D.


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


“Conducting a plate waste study in your school.” Ohio Society for Public Health Education. Toledo, OH. October 2014. (Krafka, Claiborne, Grigley).


Sara Paton, Ph.D.


“The Implementation of Alcohol Screening and Brief Intervention at WIC to PAIcohol-Exposed Pregnancies in Dayton, Ohio.” Poster presentation at the Ohio Infant Mortality Summit. Columbus, Ohio. December 2014. (Waller, Hoff, Harris).


Cristina Redko, Ph.D.
Panel “Quality of Life – Dealing with Mental Health, Substance Abuse and Domestic Violence in the Latino Community”. 2014 Ohio Latino Health Summit. Columbus, Ohio. 8 August 2014.


Nikki Rogers, Ph.D.
“Body composition of Reserve Officers Training Corps (ROTC) Cadets: Analytical study of physical fitness & techniques of measurement.” Ohio Public Health Association Combined Conference (Student Poster Competition). 19 May 2014. Columbus, Ohio. (Dave, Gupta, Shook).

“Breastfeeding as a Frugal Technology.” Boonshoft School of Medicine Central Research Forum. 16 October 2014. Dayton, OH. (Redko Smith, Carlson).


“Sleepiness/sleep habit questionnaires for use in college student populations.” Ohio Public Health Association Combined Conference (Student Poster Competition). 19 May 2014. Columbus, Ohio. (Collins, Gupta, Shook).

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
Mary T. White, Ph.D.
“Creating a Culture of Wellness.” Academy for Professionalism in Health Care. Chicago, Illinois. 8-10 May 2014. (Mendola)


“Humanitarian Assistance in the 21st Century: Calling for Ethical Expertise.” European Association of Centres of Medical Ethics (EACME) conference. Lille, France. 2-4 October 2014.


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


“Gender-based prevention.” Annual meeting of the Alcohol and Drug Abuse Prevention Association of Ohio (ADAPAO). Columbus, OH. April 2014.

“Integrated healthcare has a positive impact on the physical and mental health of Severe Mental Health (SMD) clients in Ohio.” Annual meeting of the American Public Health Association (APHA). New Orleans, LA. November 2014. (Kinzel, Miracle, Stricklin, Firesheets).


“The brain and prevention.” Keynote presentation at the annual meeting of the Alcohol and Drug Abuse Prevention Association of Ohio (ADAPAO). Columbus, OH. April 2014.
**Consultantships [sponsor activity]**

**Robert Carlson, Ph.D.**
- Consultant: Researching the Social Dynamics of a Local Methamphetamine Market. Lee Hoffer, PI. Case Western Reserve University.
- Consultant: RCT to Test Payer/Treatment Agency Intervention to Increase Use of Buprenorphine. Todd Molfentor, PI. University of Wisconsin.

**Sylvia Ellison, M.A., M.P.H.**
- Consultant: Baby Friendly USA on policy matters pertaining to the Ten Steps to Successful Breastfeeding.

**Richard T. Garrison, M.D., M.S., M.S.**
- Aerospace Medicine: Board Certified, American Board of Preventive Medicine, Aerospace Medicine, 1/1/2013.
- Emergency Medicine: Board Certified, American Board of Emergency Medicine, 1/1/2015.
- Health Commissioner: City of Oakwood, Ohio.
- Medical Director: Dayton International Airport Crash Fire Rescue Department.
- Undersea and Hyperbaric Medicine: Board Certified, American Board of Emergency Medicine, 1/1/2015.

**Thomas Jarnot, M.D., M.S.**
- FAA Center of Excellence for Commercial Spaceflight Medical Standards. September 2014.
- University of Texas Medical Branch Aerospace Medicine Program. Galveston, Texas. 2014.

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

**Dean Olson, M.D.**
- FAA Center of Excellence for Commercial Spaceflight Medical Standards. September 2014.
- University of Texas Medical Branch Aerospace Medicine Program. Galveston, Texas. 2014.

**Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.**
- Muslim Clinics of Ohio, Xenia Free Clinic.

**Bradford Towne, Ph.D.**
- National Scientific Advisory Board, Southwest National Primate Research Center, San Antonio, TX.

**Josephine Wilson, D.D.S., Ph.D.**
- Montgomery County Prostitution Intervention Project – evaluation consultant
- Samaritan Behavioral Health/United Against Violence – evaluation consultant for Second Step

**Other recognition [e.g. editorships, reviewer awards]**

**Robert Carlson, Ph.D.**
- Reviewer, manuscript, American Journal of Drug and Alcohol Abuse
- Reviewer, manuscript, American Journal of Public Health
• Reviewer, manuscript, Drug and Alcohol Dependence
• Reviewer, manuscript, International Journal of Drug Policy
• Reviewer, manuscript, Journal of Psychoactive Drugs
• Reviewer, manuscript, Patient Preference and Adherence

Audrey Choh, Ph.D.
• Editorial Board, Frontiers in Genetics Journal

Stefan Czerwinski, Ph.D.
• Associate Editor, Frontiers in Applied Genetic Epidemiology

Raminta Daniulaityte, Ph.D.
• Reviewer manuscript, Addiction
• Reviewer manuscript, Drug and Alcohol Dependence
• Reviewer manuscript, JAMA Psychiatry
• Reviewer manuscript, Journal of Psychoactive Drugs

Michael Dohn, Ph.D.
• Reviewer, Annals of Internal Medicine
• Reviewer, Christian Journal for Global Health

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.
• Reviewer, American Journal of Preventive Medicine
• Reviewer, Journal of Adolescent Health – reviewed three manuscripts
• Reviewer, Journal of Pediatrics

Andrew Froehle, Ph.D.
• Ad hoc Reviewer, American Journal of Human Biology
• Ad hoc Reviewer, American Journal of Physical Anthropology
• Ad hoc Reviewer, Journal of Archaeological Science
• Ad hoc Reviewer, Journal of Human Evolution
• Ad hoc Reviewer, Quaternary Research

Thomas 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.
• Editor, International Journal of Case Reports and Images (IJCRI)
• Editorial Board, Journal of Family Medicine & Community Health
• Editorial Board Member Annals of Community Medicine and Practice
• Editorial Board Member Journal of Family Medicine
Miryoung Lee, Ph.D.
- Editorial Board, Frontier in Genetics
- Peer Reviewer, American Journal of the Medical Sciences
- Peer Reviewer, Journal of Psychosomatic Research
- Peer Reviewer, Journal of the American Aging Association (AGE)
- Peer Reviewer, Osteoporosis International

James McEachen II, M.D., M.P.H., M.E.E.E.
- CRADA (Cooperative Research & Development Agreement) established between Wright State, AFRL, USAFSAM and the 173d FW (ANG) to support research concerning cervical neck pain in F-15 pilots

Dean Olson, M.D.
- Reviewer, Institute of Medicine (IOM), IOM report concerning the 2014 NASA Evidence Report on Human Health Risks associated with space flight

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

Sara Paton, Ph.D.
- Association of State and Territorial Health Officials Tracking Fellowship. Co-wrote an application for this fellowship which was awarded to Public Health Dayton, Montgomery County to establish an infant mortality public tracking network

Matthew Peterson, Ph.D.
- Reviewer, editorial board of the Journal of Aging & Physical Activity (eight papers)
- Reviewer, manuscript (two) reviews for Journal of the American Geriatrics Society
- Reviewer, manuscript (one) review for Journal of Physical Activity & Health

Cristina Redko, Ph.D.
- Peer Reviewer, two manuscripts for Qualitative Health Research

Nikki Rogers, Ph.D.
- Mentored Student Researcher awarded 2nd Place, Poster Competition: Namrata Dave, MPH student. 2nd Place, Ohio Public Health Association Combined Conference Student Poster Competition. 19 May 2014. Columbus, Ohio. Body composition of Reserve Officers Training Corps (ROTC) Cadets: Analytical study of physical fitness & techniques of measurement. Committee Chairs: (Gupta)

Richard Sherwood, Ph.D.

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.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, APHA national conference, Ethics Section
- Abstract Reviewer, ASBH Environmental Ethics
- Abstract Reviewer, CGEA
- Reviewer, Developing World Bioethics
- Reviewer, IRB
- Reviewer, Journal of Genetic Counseling
- Reviewer, Palliative Care: Research and Treatment

Josephine Wilson, D.D.S., Ph.D.
- Editorial Board, Journal of Family Medicine & Community Health
- Reviewer, American Public Health Association, abstracts for 2014 annual meeting, ATOD section
- Reviewer, Educational Psychology: An International Journal of Experimental Educational Psychology
- Reviewer, Psychological Reports
- Reviewer and Scientific Panel, National Science Foundation, Graduate Research Fellowship Program

Summary of Service Activities

Student advising

Robert G. Carlson, Ph.D.
- Coordinator, BSOM medical student (conduct substance abuse related research)

Raminta Daniulaityte, Ph.D.
- Coordinator, BSOM medical student (conduct substance abuse related research)

Michael Dohn, Ph.D.
- Informal advising such as review of students’ concepts for course papers, abstracts, etc.

Dana Duren, Ph.D.
- Advisor, Biology and Biomedical Engineering graduate students

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.
- Advisor, all MPH students

Andrew Froehle, Ph.D.
- Advisor, Stephanie Field for Master’s Thesis, Master of Science in Anatomy

Richard T. Garrison, MD. MS.
- Advisor, Master’s Program, ASM Residency and Students
- Flight Medicine Clinic Preceptor

Thomas F. Jarnot, M.D., M.S.
- Advisor, Master’s Program, ASM Residency and Students
- Flight Medicine Clinic Preceptor
Mark Gebhart, M.D.
• Advisor, MPH and Medical Students

Naila Khalil, Ph.D., M.B.B.S., M.P.H.
• Committee member, advisor, MPH culminating experience

Miryoung Lee, Ph.D.
• Advisor, MPH students
• Mentor, STREAMS program

John McAlearney, Ph.D.
• Director, MPH Public Health Management Concentration

Dean Olson, M.D.
• Advisor, Master’s Program, ASM Residency and Students
• Flight Medicine Clinic Preceptor

Sara Paton, Ph.D.
• 2 practice placement students
• 9 post-baccalaureate student committees
• Mentor, MPH students

Nikki Rogers, Ph.D.
• Chair, Culminating Experience MPH Project
• MPH Student Writing Support through Social Writing
• Reader, Culminating Experience MPH Project
• Training: Ohio Campus Compact: International Service-Learning

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
• Informal career development

Committee membership/officer [indicate if committee chair]
*Wright State University Boonshoft School of Medicine [or college name]

Robert Carlson, Ph.D.
• Chair, Appointment, Promotions and Continuances Committee, Department of Community Health, BSOM
• Chair, Opioid Working Group, Boonshoft School of Medicine

Stefan Czerwinski, Ph.D.
• Chair, Lifespan Health Research Center (Epidemiology), Assistant/Associate Professor Search Committee, Wright State University, December 2013-September 2014 (Matthew Peterson, Ph.D. hired)

Raminta Daniulaitye, Ph.D.
• Member, Opioid Working Group, Boonshoft School of Medicine

Michael Dohn, Ph.D.
• BSOM, Center for Global Health
  • Chair, Public Health Grand Rounds Planning Committee
• Chair, Semester Course Review Committee
• Committee on Committees
• BSOM, Internal Medicine
  • Ad hoc group, develop additional international medicine exposure for Internal Medicine residents

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, WSP

Sylvia Ellison, M.P.H., M.A.
• Chair, Faculty Search Committee, MPH Program, Position: Assistant/Associate Professor, Health Care Management (Public Health Management concentration)

Loren Friedman, M.S.
• Chair Committee, Department of Pharmacology
• Interviewed candidates, Department Chairs of both Psychiatry and Neurology

Mark Gebhart, M.D.
• Represented the BSOM in the development of the master of science in emergency management and disaster preparedness working group
  • monthly meetings
  • one of the core organizing faculty through the College of Graduate Studies

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.
• Member, Graduate Council
• Member, Pharmacology/Toxicology Chair Search Committee
• 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
• MPH Core Faculty Committee
• MPH Accreditation Committee
• MPH Curriculum Committee
• MPH Admissions Committee
• Member, Graduate School Curriculum Committee A
• Program Director, Health Care Management Certificate

Ramzi Nahhas, Ph.D.
• Chair, Data Sharing Committee (Division of Morphological Sciences and Biostatistics)
Marietta Orlowski, Ph.D., M.C.H.E.S.
• Chapter President & Chairperson, Delta Omega-Gamma Alpha Chapter
• Faculty Member, MPH Curriculum Committee
• HPE Concentration Director, MPH Admissions Committee

Sara Paton, Ph.D.
• Member, Graduate Faculty
• Vice President, Delta Omega-Gamma Alpha Chapter

Cristina Redko, Ph.D.
• MPH Admissions Committee
• MPH Curriculum Committee
• MPH Faculty Committee

Nikki Rogers, Ph.D.
• Committee chair, Therese M. Zink, M.D.
• International Education Advisory Board
• Search Committee Member, Department of Psychiatry, Faculty Chair

Richard Sherwood, Ph.D.
• Orthopedic Research Committee, Dept. of Orthopedics and Sports Medicine

Mary T. White, Ph.D.
• Nominations Committee, BSOM
• Women's Liaison officer/GWIMS AAMC
• Chapter Coordinator: Gold Foundation Humanism Honor Society, BSOM
• Assessment of fourth-year curriculum, with Brenda Roman and Colleen Hayden, BSOM
• Working with RSP to develop IRB guidelines for international research, BSOM

Josephine Wilson, D.D.S., Ph.D.
• Promotion Committee, Department of Community Health

*Wright State University

Michael Dohn, Ph.D.
• Sexuality and Disability Conference Planning Committee

Dana Duren, Ph.D.
• Academic Policies Committee, School of Biomedical Sciences
• BSOM Representative, WSU Information Technology Committee
• BSOM Researchers in Clinical Departments Dean’s Group
• Chair, Admissions Committee, School of Biomedical Sciences
• Director of Orthopaedic Research, Orthopedic Surgery Research Committee
• LEADER Consortium: Mentoring Initiative for STEM and SBS Faculty, member, pilot mentoring initiative for peer support and informal mentoring network
• Member, Biology Women Faculty Group, informal mentoring of peers in STEM fields
Loren Friedman, M.S.
- CTRA Executive Committee - Establish policy and direction for the development of clinical trials through the Wright State Premier Health Clinical Trial Alliance
- Governor’s Committee for Pharmaceutical Industry in Ohio - Identify, Develop and Implement a strategic plan to enhance the presence of Pharmaceutical Industry in the State of Ohio
- State of Ohio Clinical Trials Collaborative Research Committee - Developing Clinical Research capabilities and collaboration across the State of Ohio.
- Member, Department of Neurology Clinical Research Committee
- Member, Department of Psychiatry Clinical Research Committee
- Member, Department of Surgery Clinical Research 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

Mark Gebhart, M.D.
- Concentration director, emergency preparedness
- Represent WSU as a founding member of the One Health Coalition - along with The Ohio State University SOM, College of Veterinary Medicine, and College of Public Health

Naila Khalil, Ph.D., M.B.B.S., M.P.H.
- Associate Graduate Faculty Membership, WSU School of Graduate Studies
- WSU Faculty Senate

Miyoung Lee, Ph.D.
- Member, Faculty Senate/Academic Policies Review Committee
- Member, University Information Technology (IT) committee

Ramzi Nahhas, Ph.D.
- Co-Leader, Biostatistics Group
- Consultant, Statistical Consulting Center (SCC)

Sara Paton, Ph.D.
- Biostatistics Group

Cristina Redko, Ph.D.
- Commencement Committee
- Faculty Advisory Board, Center for Teaching and Learning

Nikki Rogers, Ph.D.
- CEPH Certification Committee (with Dr. Naila Khalil, Ms. Sylvia Ellison), Center for Global Health
- Curriculum Committee, Center for Global Health
- Research Initiative (with Dr. Naila Khalil), Center for Global Health

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
- Wright State University Research Council
Mary T. White, Ph.D.
- WSU Buildings and Grounds
- WSU Multicultural Competency Committee
- WSU Parking
- WSU UCIE Advisory Committee on Internationalizing the Curriculum
- WSU Woods Committee

Josephine Wilson, D.D.S., Ph.D.
- Faculty Representative, Federal Demonstration Partnership
- Member, Opioid Working Group
- Member, WSU Research Council

*Wright State Physicians*

*Hospital or affiliated institution [name]*

Michael Dohn, Ph.D.
- WSU representative to SW Ohio Division of the Association of Ohio Health Commissioners
- WSU representative to SW Ohio Public Health Accreditation Working Group

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.
- Division Head, Adolescent Medicine, beginning July 2013 – two-year term

Dean Olson, M.D.
- Dayton Area Graduate Medical Education Committee: Participated as a WSU Aerospace Medicine member of DAGMEC meetings
- Residency Advisory Committee Member USAF ASM: Participated in the USAF Aerospace Medicine Residency Advisory Committee meeting

Marietta Orlowski, Ph.D., M.C.H.E.S.
- Board of Trustees, Premier Community Health

Matthew Peterson, Ph.D.
- Research and Development Committee, Durham VA Medical Center, Durham, North Carolina

Mary T. White, Ph.D.
- Chair, Ethics Committee, Hospice of Dayton
- Children’s Medical Center Ethics Committee (alternate)
- Dayton Area Ethics Consortium
- Dayton Children’s IRB (alternate)
- Kettering Hospital Ethics Committee

Josephine Wilson, D.D.S., Ph.D.
- Five Rivers Health Center – developed CareText program for patients at risk for SUD

*State/Local*

Robert Carlson, Ph.D.
Invited Member, Montgomery County Opiate Task Force. ADAMHS Board for Montgomery County

Phyllis Cole, M.A.
- Office of Criminal Justice Services, Ohio Department of Public Safety 5-year rule review committee for Ohio Administrative Rule 4501-21
- Ohio Department of Mental Health and Addiction Services; Rules and Policy Committee

Michael Dohn, Ph.D.
- 2015 Ohio Public Health Combined Conference Planning Committee
- WSU representative to Ohio RAPHI

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.P.H., M.A.
- 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

Mark Gebhart, M.D.
- Director of Emergency Medical Services, City of Franklin

Thomas F. Jarnot, M.D., M.S.
- 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, 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., M.C.H.E.S.
- Member, Ohio Chapter, Society for Public Health Education
- Project Evaluator, Smarter Lunchrooms- Ohio

Sara Paton, Ph.D.
- Ohio Department of Health Cancer Group
- Ohio Equity Institute for Birth Outcomes
- Ohio Infant Mortality Collaborative
- Ohio Public Health Association

Cristina Redko, Ph.D.
- Ohio Public Health Association (OPHA)
Nikki Rogers, Ph.D.
• Chair, Indigent Care Council, Montgomery County
• Registrar and Planning committee, Ohio Lactation Consultant’s Association (OLCA)
• Stakeholder, Ohio Chronic Disease Collaborative (OCDC)

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
• State Ohio Association of Free Clinics Conference Co-Director

Josephine Wilson, D.D.S., Ph.D.
• Chair, Finance Committee, Glen Helen Association, board member, Treasurer for the organization
• Member, Board, Dental Access Now Ohio, board member
• Member, Board, FASD Coalition of Montgomery County
• Member, Executive Committee, Montgomery County Reentry Policy Board
• Member, Executive Committee, Montgomery County Women in Reentry
• Member, Planning Committee, Mental Health First Aid Tri-State
• Member, Subcommittee, Montgomery County FCFC "Technical Needs"

National

Robert Carlson, Ph.D.
• Grant Reviewer, NIDA/NIH, Special Emphasis Panel/Scientific Review Group ZRG1-AARR-F (55). Increased Knowledge and Innovative Strategies to Reduce HIV Incidence. April 7, 2014
• Grant Reviewer, NIDA/NIH, Special Emphasis Panel/Scientific Review Group ZRG1 AARR-F (91). Clinical Trial Planning Grant for Interventions and Services to Improve Treatment and Prevention of HIV/AIDS. November 19, 2014
• Invited member, National Drug Early Warning System’s Scientific Advisory Group. Cooperative Agreement with the National Institute on Drug Abuse. University of Maryland; Eric Wish, PI

Audrey Choh, Ph.D.
• Chair, Mentoring Subcommittee, The Obesity Society (TOS): Epidemiology Interest Section Leadership Group: ~1 conference call / month

Raminta Daniulaityte, Ph.D.
• Grant Reviewer, Review Panel, NIDA/NIH, R21 applications related to “Substance Abuse and Social Media” submitted in response to RFA-CA-14-009. June 24, 2014

Stefan Czerwinski, Ph.D.
• Progress Reviewer, King Abdulaziz City for Science and Technology (KACST), Saudi Arabia. American Association for the Advancement of Science (AAAS). August 2014

Michael Dohn, Ph.D.
• Planning committee for start-up Dominican NGO to address social determinants of health for people living with HIV/AIDS
• Trustee, Doña Nora Charitable Trust

Dana Duren, Ph.D.
• Grant Reviewer, LSB Leakey Foundation
• NIH Study Section Grant Review:
• Neurological, Aging, Musculoskeletal Epidemiology (NAME) – June 2014
• Neurological, Aging, Musculoskeletal Epidemiology (NAME) – October 2014
• Reviewer for scholarly journals:
  • Annals of Human Biology
  • Journal of Applied Gerontology
  • Journal of Anatomy

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 (APTR)
• Member, Board of Directors, National Board of Public Health Examiners
• Secretary/Treasurer, Association of MD/MBA Programs (AMMP)

Sylvia Ellison, M.P.H., M.A.
• National Collaborative to Advance the Ten Steps Ohio representative - UNC Gillings School of Global Public Health

Richard Garrison, M.D., M.S., M.S.
• Associate Fellow, Aerospace Medical Association (AsMA)
• Fellow, American Academy of Emergency Medicine
• Member: Aeromedical Council, Experimental Aviation Association: Advise the organization and laisse with government officials on aerospace medicine issues effecting pilots
• Member, Aircraft Owners and Pilots Association (AOPA)
• Member, Experimental Aircraft Association (EAA)
• Member, Civil Aviation Medical Association (CAMA)
• Member, Ohio Air National Guard; Occupational and Environmental Health Working Group (OEHWG): 180th Wing, 180th Medical Group, Ohio Air National Guard, Swanton, Ohio
• Member, Undersea and Hyperbaric Medicine Association
• Secretary, Federation Aeronautique International; Committee of Medicine and Physiology; Lausanne, Switzerland

Naila Khalil, Ph.D., M.B.B.S., M.P.H.
• Member, American Society of Bone and Mineral Research

John McAlearney, Ph.D.
• Advisory Panel Member, Robert Wood Johnson “Accountable Care Organizations: Testing Their Impact”

Dean Olson, M.D.
• Aerospace Medicine Education and Training Committee: Aerospace Medicine Annual Conference, San Diego, CA, May 2014 focused on general aerospace medicine education and training offered through the AsMA organization
• Committee Member, Commercial Space Flight Center of Excellence (COE) Research Meeting: COE meeting in Houston, TX to discuss future research in the field of commercial space flight and space tourism
• Committee Member, International Aerospace Medicine Education Committee: 2014 Aerospace Medicine Annual Conference focused on the definition and requirements of a degree in aerospace medicine
• Jeffery R. Davis Scholarship Committee: Reviewed and rated applicants for the Aerospace Medicine scholarship as listed
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
- Health Resources and Services Administration, Social Security Disability Insurance workgroup meeting
- Maternal Child Health Epidemiology Association
- National Association of County and City Health Officials
- National Center for Medical Readiness

Cristina Redko, Ph.D.
- American Anthropological Association (AAA)
- American Public Health Association (APHA)
- Society for Medical Anthropology
- Society for Psychological Anthropology

Nikki Rogers, Ph.D.
- 142nd American Public Health Association Annual Meeting and Exposition
  - Abstract Reviewer: Community-Based Public Health Caucus program
  - Abstract Reviewer: Section on Disability
- Board Member; The Kossoye Development Program (US and Ethiopia)
- Extension Faculty, University of Gondar, Ethiopia

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
- Member, National Association of Free Clinics

Richard Sherwood, Ph.D.
- Grant Reviewer, National Institute of Dental and Craniofacial Research/NIH
- Program Committee, American Association of Physical Anthropologists
- Reviewer, journal articles for American Journal of Physical Anthropology, Orthodontics and Craniofacial Research, American Journal of Human Biology, Indian Journal of Dental Research

Mary T. White, Ph.D.
- Conference Co-Chair, Academy for Professionalism in Health Care, Third Annual Conference, Chicago

Other

Robert G. Carlson, Ph.D.
- College on Problems of Drug Dependence
- Fellow, Society for Applied Anthropology
- Promotion review, Stephen Lankenau, PhD, to Professor. Department of Public Health. Drexel University
Raminta Daniulaityte, Ph.D.
• College on Problems of Drug Dependence

Dana Duren, Ph.D.
• Faculty Member, College of Engineering and Computer Science
• Primary Contact, BMS Ph.D. Program for the Epidemiology and Morphology Area of Concentration
• Principal Investigator, WSU Human Subjects Protocol #2718 (Jiri Osteoarthritis Study), HSP #3122 (Musculoskeletal Outcomes Following Bariatric Surgery), and SC#5233 (Updating Skeletal Maturity Methods). I prepare all renewals and revisions necessary for these protocols
• Scientific Manager, LHRC Motion Analysis Laboratory
• Supervisor, two research assistants (Kimberly Lever, Carol Cottom)

Sylvia Ellison, M.P.H., M.A.
• 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, Yellow Springs Exempted Village School District, Board of Education

Loren Friedman, M.S.
• Increased the number of healthcare personnel capable of conducting trials by training and educating current Wright State University Boonshoft School of Medicine faculty, medical students, residents, Premier Health healthcare professionals, and community physicians, nurses, and clinical research coordinators in Good Clinical Practices. Supported this through communication efforts specifically designed for community physicians and nurses not affiliated with WSU or Premier
• Developed and launched the Clinical Trials Research Alliance Website Site which is targeted toward four audiences: http://clinicaltrialsresearchalliance.com/
  1. Patients in the Community
  2. Clinicians interested in finding novel treatments for their patients
  3. Sponsors interested in placing research projects
  4. Investigators or clinicians interested in becoming investigators
• Organized and executed Clinical Research / Good Clinical Practice training events
• Update “for Researchers” and “For Healthcare Providers” sections of website as needed
• Provided education and support to clinicians on how their patients can participate in clinical trials
  • Create multiple communication avenues to clinicians through Wright State University and Premier and other channels to reach community physicians not associated with either institution both to promote CTRA and specific trials
  • Initiated Wright State’s membership into the Vanderbilts ResearchMatch interactive website. The first non-CTSA member allowed to utilize the site.
• Began the development of a Community Advisory Board composed of disease-specific organizations and other community groups to develop protocols and better understand the needs of these populations
• Continue this work to add to the two organizations already committed to this board (American Heart and Stroke Association and Alzheimer’s Association)
• Initial meetings to educate the various committees within the organization about the CTRA and see where CTRA overlaps in their mission
• Begin quarterly meetings to include all organizations
• Determine how CTRA can create two-way communication with the organization’s patients and families through attendance at organization’s events, speaker series, booth at events, and other means
• Increase awareness of clinical trials by communicating their availability and benefits to the Greater Dayton region’s residents
  • Work with Premier to utilize its communication methods already in place to promote CTRA
  • Alert local media to all new trials through press releases
  • Promoted new trials on CTRA website and announce on CTRA Facebook page
  • Promote to WSU community through its communication channels already in place including magazines, alumni communications, websites and events such as Celebration of Research
  • Promoted registration on both CTRA Facebook page and ResearchMatch

• Developed communication with the local medical community in the greater Dayton region to work towards effecting patients overall health by bringing the end results of clinical trials to the medical and patient communities
  • Promoted Phase IV trials to clinicians who are new to clinical trials as a way to begin integrating clinical trials into their practices
  • Increased the number of trials CTRA conducts by building relationships with a variety of customer segments. See list of trials below currently being evaluated
  • Developed CTRA’s Centerwatch web listing which further promotes clinical research at Wright to the national and international community
  • Worked with Dana Duren to provide support for her recent grant submission titled: “Body composition change, muscle quality and bone health after sleeve gastrectomy”

Andrew Froehle, Ph.D.
  • Continuing Education: Connecticut Children’s Medical Center Clinical Gait Analysis Course

Marietta Orlowski, Ph.D., M.C.H.E.S.
  • Chair, ad-hoc committee, to update the second year course offerings, targeting Community Health Assessment and a second collaborative epidemiology/research methods course
  • Using Ohio Department of Education funding provided a graduate research assistantship with full tuition waiver and monthly stipend beginning January 2013 through December 2014

Sara Paton, Ph.D.
  • Breastfeeding Coalition of Montgomery County, Ohio
  • Children’s Medical Center Health Assessment Data Advisory Group
  • 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
  • Regional Medical Response System steering committee
  • Research Review Panel, Public Health--Dayton & Montgomery County
  • Sexually Transmitted Disease advisory committee, Public Health – Dayton & Montgomery County

Cristina Redko, Ph.D.
  • Communications Chair, APHA Caucus on Refugee & Immigrant Health
  • Moderator, 142nd APHA Annual Meeting
  • Peer Reviewer, 142nd APHA Annual Meeting

Richard Sherwood, Ph.D.
  • Reviewer, Tenure application for the Department of Neurobiology and Anatomy at Drexel University College of Medicine
• Reviewer, Tenure application for University of Texas Health Science Center San Antonio

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
• Montgomery County Safety-Net Task Force
• Rotary Club of Dayton, various committees

Mary T. White, Ph.D.
• Founding Member, Immigrant Community Leadership Institute (ICLI) – an offshoot of Welcome Dayton
• Trustee, Reach Out of Montgomery County
• Trustee, the Kossoye Project
• Trustee and current President, American Fund for Charities

Josephine Wilson, D.D.S., Ph.D.
• “Peacemaking Circles 2013 Outcomes.” Presentation to Family and Children First Council, 7/17/2014

Patient Care Summary

[If applicable. Include number of ambulatory visits, hospitalizations, surgeries, new techniques or programs developed; new collaborations.]

Phyllis Cole, M.A.
• Short Term Education Program, 25 clients
• Weekend Intervention Program, 1173 clients
• Youth Education Program, 268 clients

James Ebert, M.D., M.B.A., M.P.H., F.A.A.P., C.P.H.
• Lead physician for Lipid Clinic, Dayton Children’s Hospital
  • Over one thousand hands-on patient encounters
  • Supervision of two advanced practice nurses
  • Collaboration with 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
  • Supervised, seven residents
  • Supervised, six medical students

Richard Garrison, M.D., M.S.
• Cognitive Screening, 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: Commissioned O4
• Senior Federal Aviation Administration (FAA) Aviation Medical Examiner
Thomas F. Jarnot, M.D., M.S.
- Cognitive Screening, 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: 178<sup>th</sup> Medical Group, 178<sup>th</sup> Fighter Wing, Ohio Air National Guard, Springfield, Ohio
- Senior Medical Examiner, Federal Aviation Administration (FAA) Aviation

James McEachen II, M.D., M.P.H., M.E.E.E.
- FAA Aviation Medical Examiner (AME) certification
- Flight Surgeon and Chief, Aerospace Medicine, Iowa Air National Guard

Dean Olson, M.D.
- Cognitive Screening, 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
- Senior Medical Examiner, Federal Aviation Administration (FAA) Aviation

Matthew Peterson, Ph.D.
- Program Manager, Durham Virginia Gerofit Program, which is an outpatient clinical exercise and health promotion program for older veterans

Sharon Sherlock, D.H.A., M.S.A., R.N., B.S.N.
- Clinic Visits, Reach Out Montgomery County, over 3,079
- Record #11,000 Volunteer Hours for Reach Out Clinics/Community involvement
- Additional Partners: Good-Will Easter Seals Adult Day Care Center, DayBreak

8 Honors and awards [Faculty or staff]

Naila Khalil, Ph.D., M.B.B.S., M.P.H.
- Abstract reviewer, 26th Annual International Society for Environmental Epidemiology conference, Seattle, Washington

Sara Paton, Ph.D.
- Public Health-Dayton & Montgomery County’s Minority Health Knowledge Award

Nikki Rogers, Ph.D.
- Award: Outstanding MPH Faculty Member. Student-selected
Our mission is to become the global leader of aerospace medicine education by setting new standards for aerospace education. By recruiting highly motivated and qualified medical providers, our program will enable them to develop their careers and practice as world-class specialists in aerospace medicine. Our goal is 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.

Outcomes:
The residency and Master’s programs have attracted and trained physicians with a wide variety of prior clinical experiences; Internal Medicine, Family Practice, Emergency Medicine, General Surgery, Pathology, Radiation Oncology, Nuclear Medicine, Infectious Diseases, Gastroenterology, Cardiology, Psychiatry, Neurosurgery, and Obstetrics/Gynecology. Through 2014, we have trained 160 physicians. This includes 83 residents as well as Masters Students consisting of US 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, Germany, Greece, India, Israel, Japan, Jordan, Kuwait, Mexico, Pakistan, Portugal, Qatar, South Africa, South Korea, Saudi Arabia, Singapore, Taiwan, Thailand, the People’s Republic of Congo, and the United Arab Emirates).

Trained physicians who are US citizens engage in active careers with National Aeronautics and Space Administration (NASA), the Federal Aviation Administration (FAA), 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.

To date we have graduated a total of 160 students; 83 residents and 77 Master of Science (M.S.) students. Our overall graduation rate is 160/182 or 87.9%. Our overall graduation rate for M.S. students is 77/82 or
93.9%; and for residents is 83/100 or 83%. During this period 95 graduates (83 residents plus 12 M.S. students who were U.S. military residents) were identified as being Board eligible. Overall, 72/95 (>76%) 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 2014 calendar year, the program graduated 13 M.S. students. Two new residents were recruited, along with additional 5 M.S. students.

2014 Key points:

Aerospace Medicine Residency Program
- The desired qualifications of incoming residents was increased and posted on the division’s website. These include prior completion of a residency, board certification, and a pilot’s license.
- In April, we began our in-house rotation for visiting residents and medical students. The rotation is one month in length and provides a survey of aerospace medicine for the visitors. It additionally allows the division faculty and staff to experience the work habits of potential residency candidates.
- First time to run our Residency Advisory Committee (RAC) meeting online. Multiple attendees were able to log-in and join the meeting remotely.

Aerospace Medicine Master’s Degree Program
- In August, the new curriculum was implemented. Prior to this the curriculum had been restructured with an emphasis on improving relevant topic coverage. As a result, the credit hour requirement for graduation increased from 36 to 42 credit hours.
- The curriculum was formatted to be modular. 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 Masters Project completion for graduation has been increased from a literature review to performing a study involving statistical evaluation, the general goal of adding new information to the current fund of aerospace medicine knowledge.
- Students are now given instruction for preparation of the FAA Fundamentals of Instruction (FOI) test. Upon test completion, the student is designated as an FAA ground instructor.
- We have allowed a student this year to enter our program with the requirement of LEAP participation prior to beginning classes within our division. Currently, the student is in LEAP level 4. This is a trial period for our division to observe how a LEAP student performs within our program after completing LEAP as our curriculum is an intensive an immersive program.
- For the first time in January, we participated in a NASA/USN/WSU ASM educational video teleconference focused on space related medical issues. I was well received by the students and will be an activity we are planning to continue each year.
- We began tracking the application process for residents and students who are interested in entering our program. This has consisted of mapping the application process of the students/residents as well as tracking activity on our website.

Flight Medicine Clinic
Flight medicine clinic has seen several improvements:
- Cog screening has been introduced into our clinic to facilitate FAA required cognitive evaluation of pilots who have experienced head trauma, substance addiction, or who are taking neurocognitive medications.
- Our pilot visit numbers have increased by 22% from 2013 to 2014. This year we have seen 116 pilots for physicals and visits.
- Dr. Olson was designated by the FAA as a Senior AME, bringing our number of senior AMEs to three.
- Dr. Garrison has attended training for and been designated as a Human Intervention Motivation Study.
Aviation Medical Examiner (HIMS AME) by the FAA allowing him to manage pilots who have substance abuse issues.

- 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 first annual Stanley R. Mohler Lecture Series presented at the Experimental Aircraft Association AirVenture in Oshkosh, Wisconsin. Some of the topics that were covered include accident investigation, sleep apnea and pilot certification, hypoxia, and neurologic issues in airman certification. The lecture series provides 6 credits of CME for attending physicians and health care providers.
- Research studies published in peer reviewed journals for the division faculty include:
  - Control Pattern Injuries in Fatal General Aviation Accidents.
- A certificate course was introduced to the local pilot community for instrument flight training on our simulator.

Collaborative Efforts
- We have entered a cooperative agreement with SpecPro Technical Services to provide medical personnel for the 711th Human Performance Wing.
- We have had initial discussion with the USAF AMMIMO officers to create a complementary certificate course for foreign flight surgeons participating in the AMMIMO program.
- We have participated in meetings with the University of Texas Medical Branch for collaborative research efforts concerning commercial space flight. We have started a project focused on the vibratory and acoustic effects during flight of the Virgin Galactic Space Ship Two, the SpaceX Dragon Capsule, and the Orion space capsule.
- The division has been working with the WSU MPH program to provide core curriculum classes for USAF RAM students.
- A project was begun in collaboration with Green County Combined Health District focused aviation and the transmission of infectious disease.

Community Support
- Our division has begun sending job advertisements to interested alumni in an effort to maintain alumni relations and provide continued support.

∞ ∞ ∞ ∞

The mission of the Center for Global Health (CGH) 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, the Certificate in Health Care Management (HCM), 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
Individual Faculty Member
Annual Report 2014

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. Program directors of the WSU MPH program and the University of Cincinnati MPH program serve on each other’s MPH Advisory Boards, strategically linking the two regional programs. 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 four concentrations; Health Promotion and Education, Public Health Management, Emergency Preparedness, and Global Health. As of December 31, 2014, there were 59 students enrolled in the MPH program, including 4 MD/MPH dual degree students. The MPH program is proud of its 228 alumni as of December 2014, including 27 MD/MPH alumni and 14 MD/MBA alumni. The Center matriculated its fifth cohort, and graduated its fourth cohort of Air Force MPH students selected for the Air Force Residency in Aerospace Medicine (RAM) program now located at WPAFB.

The Certificate 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. The Certificate program was developed as a joint venture involving the Center and the 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. Twelve Premier Health physicians were fully sponsored for the Certificate and completed the program as a cohort. This was the second such Premier-sponsored cohort in a program that is expected to continue into the future. Premier will sponsor another cohort of 12 physicians in 2015. As of December 31, 2014, there were 23 students pursuing a HCM concentration in the MBA and/or enrolled in the Certificate program, 65 alumni of the Certificate program, and 39 alumni of the HCM concentration of the MBA.

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. The program was begun in 2004, and as of December 31, 2014, has 16 medical students enrolled (6 MD/MBA, 10 MD/MPH) and 41 alumni (14 MD/MBA, 27 MD/MPH).

Public Health Grand Rounds (PHGR) entered its fourth year in 2014. Its purpose is to provide public health-related continuing education for the regional public health and clinical community.

Center faculty members presented lectures in the areas of population medicine, quantitative analysis, professionalism, and clinical prevention for medical students in the Boonshoft School of Medicine (SOM), and have been innovators in medical education in this area. Faculty made presentations at national, regional, and local meetings. MPH students presented at regional meetings (one oral and two posters). 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.

The WSU Gamma Alpha Chapter of the Delta Omega Honorary Society in Public Health held its annual induction ceremony on May 2, 2014, when 8 new members were inducted. The chapter has a total of 63 members. The annual Delta Omega lecturer was James Gross MPH, retiring Health Commissioner, Public Health Dayton, and Montgomery County.

Michael Dohn joined the faculty of the Center, and Bill Spears retired, but will return on a part-time basis. Marietta Orlowski published the textbook “Introduction to Health Behaviors”. There were several faculty publications in peer-reviewed journals. By the end of 2014, four faculty members had contracts with PHDMC for consultative services.

The 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.

- The **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.

The **Center for Interventions, Treatment and Addictions Research (CITAR)** represents the focal point for substance abuse related services, academic research, and services research. A number of different programs and projects operate within CITAR.

- The **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 2014, 1,173 clients completed the Weekend Intervention Program, compared to 1,168 in 2013. 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 2014, 268 individuals completed the YEP!, compared to 272 in 2013.
• 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. 25 individuals completed the STEP in 2014.

• In 2014, 21 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.

• Fourteen doctoral-level students from the School of Professional Psychology participated in the *Weekend Intervention Program* as a component of their coursework in 2014. In addition, 28 undergraduate students participated in WIP while completing the Drug and Alcohol Intervention Workshop sociology course offering, and 63 undergraduate students participated in the YEP! while completing the Intensive Alcohol Education sociology course offering.

- 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, 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.

- 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 390 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.

- *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. The DADS was re-administered in 2014, and results will be released early in 2015.

- In 2014, 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.

- The National Institute on Drug Abuse funded a two-year study (2011 – 2014) to be conducted by the researchers at CITAR and Kno.e.sis (Department of Computer Science and Engineering): *A Study of Social Web Data on Buprenorphine Abuse Using Semantic Web Technology* (Grant # R21DA030571). The goal of this collaborative study is to apply cutting-edge Semantic Web and information extraction techniques to qualitative and quantitative content analysis of web-based data (User Generated Content) on knowledge, attitudes, and behaviors related to the non-medical use of buprenorphine. Three papers have been published.

- *Accidental Drug Overdose Trends in 23 Ohio Counties, 2010-2013*. In September, 2013, CITAR initiated a study to collect and analyze accidental poisoning death data from 23 Ohio Counties. The Ohio Department of Mental Health and Addiction Services provided funding for the study, and the Montgomery County Coroner’s Office agreed to partner with CITAR to provide the overdose data. The main objective is to gain insight into whether the epidemiological trends observed in Montgomery County accidental overdose deaths, such as heroin mentions recently surpassing pharmaceutical opioid mentions in decedents’ toxicology reports, are occurring in other parts of the state. Subsequent to its start, the study was expanded to include four additional counties for which the Montgomery County Coroner analyzes toxicological data. A Final Report was completed in May, 2014.

- *The 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 2014**

- SARDI received a one-year (1/1/2014 – 12/31/2014) grant for $120,000 from the ADAMHS Board of Montgomery County as part of their Second Chance initiative to improve employment outcomes at the Montgomery County Job Center for those at risk of alcohol and other drug abuse. This grant has been given a no-cost extension until February 28, 2105.

- SARDI also received a small grant of $16,610 from the ADAMHS Board to develop and pilot test a gambling prevention intervention for juvenile justice-involved youth (1/14/2014 - 5/30/2014), which is now being implemented in Montgomery County.
• 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).

• 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 addition, 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.

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

• SARDI was awarded $125,000 in one-year Ohio MHAS grants (7/1/2014 – 6/30/2014) to train staff to teach, provide technical assistance for, and evaluate the effectiveness of its gambling prevention intervention, called Risky Business, for juvenile justice-involved youth in Montgomery, Clinton, Warren, Cuyahoga, Franklin, and Mahoning Counties.

• With the Department of Family Medicine, SARDI co-authored a 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 will assist in recruiting minority participants and will conduct project evaluation.

• SARDI received a contract in December 2014 for $3,000 from Montgomery County to provide evaluation services for their Peacemaking Circles intervention for women in reentry.

**Ongoing Grants**

• 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. Ohio MHAS also earmarked an additional $1,001,500 for CAM to provide clinical services to patients referred for SUD treatment in this project.

• 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 2014. SARDI will be upgrading the evaluation services for the grantees in the Health Foundation’s Mental Health/Medical Integration Project.
• SARDI continued its evaluation of the “Deaf Off Drugs and Alcohol” (“DODA”) program, the CAM-based treatment program for deaf adults who are in treatment for substance abuse. This evaluation is funded by a three-year (2011 – 2014) NIDRR grant for $199,998. A final report was submitted December 29, 2014.

• The e-CAM project is augmenting 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 has been extended until 2/28/2015.

• Awarded a no-cost extension until 9/29/2014, the Healthy Brothers/Healthy Sisters project, funded by SAMHSA/CSAT for $1,896,020, provided SUD/HIV education and HIV testing to high risk African Americans between 18-24 years of age. The project served 398 individuals in over the course of the grant, and 2,603 participants have received AOD, HIV, and Hep C risk screens. A final report for this grant was submitted in December 2014.

• The Sisterline project, funded by SAMHSA/CSAP (2008 – 2013) for $1,301,894, provides SUD/HIV education and HIV testing to African American women living in four specific housing areas. A no-cost extension was awarded for 2014. Over the entire grant, the project served 436 women, and over 1280 women received HIV testing and education. A final report was submitted in December 2014.

• The “One Stop to Wellness” project, funded by a three-year (2010 – 2013) SAMHSA/ CSAT grant for $1,190,062, is a Recovery Oriented System of Care (ROSC) project that provides on-site treatment services for primarily African American adults who need substance abuse and/or mental health treatment. The grant was given a no-cost extension for 2014, with 288 individuals served over the course of the grant. A final report submitted in November 2014.

• The “Fifty-Plus Prevention Project” is 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. To date, 350 have received the Shield HIV intervention, 1573 received HIV testing and counseling, and 1520 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)” provides 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. This project has served 367 students with a group-level intervention at these universities to date and conducted HIV testing and counseling for 2,199 and environmental prevention strategies for 3,049 students to date.

• CAM received a grant of $160,000 from the Ohio Department of Developmental Disabilities (ODDDD) in 2014 to conduct a statewide Telemedicine (Telepsychiatry) project for patients with developmental disabilities.
• In 2014, SARDI received $5,000 from the Dayton Tennis Association and $1,000 from the Midwest Tennis Association to develop a summer tennis program for youth that will incorporate an adapted version of SARDI’s PALS drug prevention program.

• The SARDI Consumer Advocacy Model (CAM) offered its mental health and SUD treatment services at the downtown Dayton office as well as at its satellite office in Urbana (Champaign County) in 2014. CAM staff is providing services to children with autism and children and adults with developmental disabilities as well as to a more traditional mental health and SUD population.

• In addition, CAM provides clinical services to the residents of New Hope Villa, a transitional housing facility operated by Miami Valley Housing Opportunities and to women referred from the Montgomery County Children’s Services Board. CAM also provides services monthly to children and their families at a satellite site in Madison County. The CAM program provided outpatient mental health and substance abuse services to over 700 consumers in 2014.

• CAM also received an exclusive, three-year fee-for-service contract from the U.S. Federal Probation Department in 2013 to provide telecounseling services offenders on probation in Montgomery County and continued to offer these services in 2014.

• Total grants awarded to SARDI in 2014-2015: $13,975,655.

Clinical Trials and Clinical Research

Continued the process of developing Wright State University as a Contract Research Organization (ex: Quintiles, Paraxel, PPD, etc.) Preferred Site CTRA is working with an array of contract research organizations to establish certain Wright State University (WSU) departments as preferred sites to conduct their clinical trials. As a preferred site we would be the first to be offered the opportunity to participate in studies managed by the Contract Research Organization’s (CRO). This is viewed as an important strategic element in industry’s efforts to develop alliances with academic medical centers. It would also improve the interface between WSU and sponsors by streamlining the clinical trial process. An example, Quintiles, is one of the largest CRO’s in the world and their clinical trial portfolio is heavily weighted in both the oncology and Central Nervous System (CNS) arena. Following meetings with Quintiles a 5 year evaluation of performance by WSU Premier Investigators was performed. Current trials with Quintiles continue to be evaluated for site qualification. This project is ongoing in conjunction with investigators and staff in WSU departments and a new method of analyzing metrics developed by Mark Wysong, Director of Operations.

Translational Research Working with Boonshoft Clinical Departments and Pharmacology Department to develop existing Phase I capabilities in order to explore T1 Translational opportunities with WSU basic scientists. Worked with Basic Science departments at the School of Medicine to build relationships with clinicians at affiliated hospitals and clinics. Continue to add basic science and clinical researcher’s biographical information to CTRA website to foster relationships between faculty members in the same research areas. Loren Friedman, Director of Clinical Trials worked with Dr. Arthur Pickoff, Medical Director to host informal gatherings to encourage collaboration.
Clinical Trials Networks Following one of the stated objectives of Premier Health, CTRA is fostering the formation of clinical trials research networks alongside specialty clinical areas in each of the four Premier hospitals. These networks will employ the CTRA infrastructure to support multi-center research projects. We have developed Cardiology across three of the hospitals in the Premier system and have started working with OB/GYN.

DCOP / Dayton Oncology Network Outreach to develop collaborations with local clinical Oncology research network for both clinical and translational research initiatives.

Midwest CNS Clinical Trial Consortium / Michigan and Ohio CMH Network Working with colleagues from the Department of Psychiatry at Michigan State University to expand an established clinical trials network currently across the Michigan state-wide CMH network into Ohio CMH clinics and Psychiatry Investigators. Initially develop sites in the Miami Valley area with expansion proposed across the state.

WSU Intellectual Property Office Brought representatives of WSU IP offices into discussions with WSU Premier clinical investigators to develop IP from proposed investigator initiated proposals.

Community Outreach Working with Miami Valley community physicians to develop collaborations with CTRA based on interest in conducting clinical research and develop relationships through the conduct of multi-center trials. Examples include collaboration on inpatient/outpatient trials with two private pulmonary groups, Middleton Cardiology Associates, and Dayton Physician’s Oncology group.

Industry and Investigator Outreach and Development Developed working relationships with a number of industry sponsors to explore the development of collaborative research projects both industry and investigator initiated. We have marketed WSU and Premier Health’s investigator expertise and experience across departments in all health colleges to industry representatives. Some examples include Novartis, Pfizer, Boehringer Ingelheim, Eli Lilly, Bristol Myers, Janssen, Astra Zeneca, Bayer, Novella, Genentech, UCB Biosciences, Alcon, Bausch and Lomb, and Allergan.

Working with the chairs and faculty members of Boonshoft clinical and basic science departments to establish both departmental clinical trials programs and develop interdepartmental collaborations. Examples by department: Neurology, Ob Gyn, Medicine (Infectious Disease), Dermatology, Family Medicine, Surgery (Ophthalmology) and Psychiatry. Examples of projects that are currently being evaluated are: Addictive Behavior, Aging, Arthritis, Asthma, Brain, Spinal Cord & Nervous System, Cancer, Diabetes & Endocrine System, Heart/Cardiovascular, HIV/AIDS & Infectious Disease, Kidney & Urinary Tract, Lung, Mental Health, Pain Control, Skin/Dermatology, Vision/Eye, and Women’s Health.

The Lifespan Health Research Center (LHRC) is an integral part of the Department of Community Health within the Boonshoft School of Medicine. The mission of the Lifespan Health Research Center is to advance and disseminate knowledge through the pursuit of excellence in research, teaching and professional service. The Lifespan Health Research Center is committed to maintaining and expanding its national and international prominence in health-related biomedical research. The Lifespan Health
Research Center is comprised of two divisions — the Division of Epidemiology and the Division of Morphological Sciences and Biostatistics.

- Research in the Division of Epidemiology 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. Division researchers are interested in examining these questions using an approach that examines health and disease across the lifespan. These studies include investigations of childhood growth and development and studies of aging and chronic disease risk.

- The primary mission of the Division of Morphological Sciences and Biostatistics is to conduct research within the morphological sciences and biostatistics relevant to public health and to educate and train future leaders in the biomedical morphological sciences. Research in the Division of Morphological Sciences and Biostatistics focuses on determinants of craniofacial morphology, genetics of bone and joint health, longitudinal modeling of growth, and assessment of skeletal maturity.

  - The Division of Morphological Sciences and Biostatistics is one of the most productive and well-funded units in the Boonshoft School of Medicine. The DMSB has taken a leading role in enacting the goals of the new BSOM strategic plan. All members of the Division have joint appointments in clinical departments within the BSOM. In addition, Richard Sherwood, Ph.D. has an adjunct appointment in the Department of Orthodontics, Case Western Reserve University. Two of the four DMSB faculty members are now “embedded” in clinical departments and charged with increasing their research productivity and grant funding. The DMSB faculty members have been active in all aspects of the BSOM with a vocal presence during the BSOM strategic planning retreat and Clinical Trials Research Alliance strategic planning retreat. The DMSB faculty members serve on committees and have been instrumental in building programs such as the Biostatistics Group. As Director, Richard Sherwood, Ph.D. has played a role in encouraging faculty members to seek new opportunities, to build bridges between clinical and research faculty members, to ensure that DMSB faculty members are an integral part of the BSOM. This is in addition to the typical role of directing research and encouraging grant applications from the Division.

  - This past year has been a transitional year for the Division of Morphological Sciences and Biostatistics. Two active grants ended in the first half of 2014. It had been foreseen several new NIH proposals were submitted at each deadline in 2013 and 2014. Fortunately, Dana Duren, Ph.D. received a score of 4th percentile for her project to update skeletal maturity methods and that project began in August of 2014. Another proposal submitted by Ramzi Nahhas, Ph.D. to create craniofacial growth prediction methods received a second percentile score and will be funded in early April 2015. Additionally, Dana Duren, Ph.D. received the first BSOM Translational Grant for her interdisciplinary project to develop a semi-automated computer program for assessment of skeletal maturity. The attention of the entire faculty base for the 2014 year has been to produce the highest quality grant proposals. Multiple grant proposals are submitted by Division faculty members at each major NIH deadline. Because of the intense competition to receive federal funding, any proposal produced by the Division is subjected to multiple rounds of intense review and Richard Sherwood, Ph.D. spent a great deal
of time reviewing all documents and assisting Principle Investigators with submission of the proposals. Overall, members of the Division submitted proposals as PI totaling close to $7 million (exclusive of resubmissions submitted in the same year) and served as co-Investigator on another $6 million worth of grants by non-DMSB PIs.

- The Lifespan Health Research Center conducts ongoing research projects, and it is home to the Fels Longitudinal Study. The Fels Longitudinal Study is the world’s largest and longest running study of human development, growth, body composition and aging. The LHRC, through its two divisions, draws on the strength of the Fels Longitudinal Study and other population-based studies past and present.

- The Lifespan Health Research Center also conducts undergraduate and pre-graduate student educational research training. Funded by the National Institutes of Health, our GRAD-PREP Scholars program provides research and academic training in the biomedical sciences for university graduates from underrepresented groups who are interested in pursuing graduate degrees. In addition, the STREAMS (Short-Term Training Program to Increase Diversity in Health-Related Research), funded by the National Heart, Lung, and Blood Institute of the National Institutes of Health, encourages members of underrepresented minority groups and students with disabilities to choose careers in cardiovascular-related research.

The Division of Medical Humanities, until April was comprised of two full-time faculty members, now down to one, and numerous voluntary faculty members from the School of Medicine and area medical community. The Division offers courses and electives in ethics and medical humanities in the first and fourth years of the undergraduate medical curriculum. These include the required first-year course, Medical Ethics and Professionalism, and electives on Health Care in Developing Countries, Global Health Systems, Future Directions in Global Health, Health and the Environment, and Literature and Medicine. Division faculty also participate in several second-year basic science courses, third-year ethics curricula and simulated patient encounters, and teach core ethics case conferences within the Pediatrics residency program and an ethics course in the Psychiatry residency program at the Boonshoft School of Medicine.

- Mary White, PhD, Division Director, continued teaching in areas of global health, public health ethics, and medical ethics and humanities in the B1 and B2 curricula and WSU’s MPH program. Her research activities this year included one publication on end-of-life ethics. She presented at the meetings of the Academy for Professionalism in Health Care in Chicago, and the European Association of Centres for Medical Ethics in Lille, France; had a poster (with Netsanet Worku, from the University of Gondar) at the Consortium of Universities for Global Health meeting in Washington DC, and gave a Public Health Grand Rounds on Ethics of Climate Change. Her community service activities include serving as a member of the Ethics Committee at Hospice of Dayton, serving on the Boards of Reach Out of Montgomery County and working with immigrant services through Welcome Dayton. She also served on the board of the Kossoye Development Project, and is currently Board President of the American Fund for Charities.

- Until his departure in April for a new position at OSU, Ashley Fernandes, MD, PhD continued work on the Wright Curriculum Steering Committee and chaired an ad-hoc committee on Professionalism Assessment. Dr. Fernandes continued his work in bioethics and bioethics medical
education, maintaining two days per week of outpatient clinical practice, eight weeks of inpatient medicine as ward attending at Dayton Children’s Medical Center. He was Chair of the Dayton Children’s Ethics Committee and a member of the Institutional Review Board for Dayton Children’s Hospital. Dr. Fernandes was elected to the Bioethics Network of Ohio Board in 2013, and was a keynote speaker at their spring 2014 conference.

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 2014 Reach Out will have served the community for 20 years. Reach Out has grown from an office to a facility from a closet of medications to a Charitable Licensed Pharmacy, from a small paid staff to a large group of staff and volunteers. Reach Out will continue to serve those who find the ACA 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 physician/provider network has grown into a patient centered team that focuses on improving the coordination of care as well as cultivating change of behaviors for better quality outcomes. Reach Out is recognized locally by the state and nationally as a model that has been duplicated by 5+ other area free clinics who are continuing to sustain the economic challenges and alternations in our healthcare system. Our partnership remains strong with local hospitals and corporations and our charity contributions are expected to grow as the public becomes more aware of the barriers in our current healthcare system. Our mission continues to focus on access issues as we face challenges with medical professional shortages. Students are 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 normal competitors. Reach Out has grown into a comprehensive safety-net medical program open 5 days a week providing care to families of all ages. On a small budget Reach Out makes great strides in providing access to care for those who otherwise may be without.

Reach Out achieved a 20 year milestone this year with WSU-BSOM as a cornerstone supporter along with Miami Valley Hospital and Montgomery County. Its original intent was and still is access to care, however, one of its greatest achievements has been the involvement of learning and living in the healthcare system as a provider. This community “gem” should be preserved as I think it is critical to recruitment and training for medical students, the “boots on the ground” culture of healthcare that assist with critical thinking as well as partnership outcomes.

2014-2015 FY
*3,079 clinic visits *11,000 volunteer hours *607 volunteers
*Additional partners: Goodwill Easter Seals Adult Day Services and DayBreak Dayton

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.