

CURRICULUM VITAE

ROBIN TAYLOR WILSON, MA, PhD

Associate Professor of Epidemiology and Biostatistics
Temple University, College of Public Health

1301 Cecil B. Moore Avenue, Ritter Annex Building, Room 901, Philadelphia, PA 19122

phone: 215-204-6119 email: robin.taylor.wilson@temple.edu

Bio

Dr. Wilson is an environmental cancer epidemiologist by training with experience in trans-disciplinary implementation research. Her research focuses on the intersection between genetic and environmental factors influencing kidney cancer risk, including trace element exposures and vitamin D metabolism. This research has identified cancer and health effects associated with environmental exposure to heavy metals, gene x environment interactions, dietary exposure pathways in mining-impacted areas, and new biomarker assay and assessment techniques. Dr. Wilson has led or contributed to published research conducted among diverse population groups in the United States (American Indian/Alaska Natives, African American, rural Appalachian), Bolivia (Spanish and Quechuan), Central/Eastern Europe, Finland and Sweden. Her work has been funded by the American Institute for Cancer Research (AICR, <https://www.aicr.org/>), United States (US) Centers for Disease Control and Prevention (CDC), US National Institutes of Health (NIH), the US Naval Health Research Center, the US Food and Drug Administration (FDA), Pennsylvania State University (PSU), and Pennsylvania Department of Health (PA DOH).

In professional service, Dr. Wilson currently serves as the Policy Co-Chair of the Epidemiology Section of the American Public Health Association (APHA, <https://www.apha.org/apha-communities/member-sections/epidemiology>) and as a board member of the International Network for Epidemiology in Policy (INEP, <https://epidemiologyinpolicy.org>), a consortium of over 20 epidemiologic professional associations worldwide. Dr. Wilson has served on public health, research, award, and/or career panels for the NIH, US Department of Defense, Worldwide Cancer Research, the PA DOH, PSU, Temple University, and APHA.

In her educational role, Dr. Wilson has had the honor of serving as the founding director of a Council on Education for Public Health (CEPH)-accredited Doctor of Public Health (DrPH) program, and as a mentor for over 60 students and faculty from diverse cultures and racial/ethnic backgrounds. She was named Outstanding College of Medicine Mentor and the Inaugural College of Medicine Dean's Diversity Award Champion by PSU. She developed the NIH-funded Early Preparation and Inspiration for Careers in the Biomedical Sciences (EPIC) program, designed to increase interest and persistence in STEM careers among high school students through university-high school partnerships in epidemiology education. This effort is now being expanded via The Technology-Linked Epidemiology Education Network (TEEN) in an NIH-funded partnership with Wicked Device (<https://wickeddevice.com/>), an innovative computer engineering and environmental monitoring company. Dr. Wilson's mentees have been admitted to academic posts, fellowships, and/or employment with the Food and Drug Administration, Jefferson University, Johns Hopkins, Mayo Clinic, Mount Sinai Hospital, the National Cancer Institute, PA DOH, PSU, Stanford University, University of Pittsburgh, University of Wisconsin, University of Texas, and Yale University. Dr. Wilson joined the Temple University College of Public Health in 2019.

Education and Training

- 1987-1991 Bachelor of Science, Political Science, Mathematics Minor
Drake University, Des Moines, Iowa
- 1993-1995 Master of Arts, Geography, Certificate in Demography
University of Colorado, Boulder, Colorado
- 1995-2000 Doctor of Philosophy, Epidemiology
University of Iowa, Iowa City, Iowa
- 1997-2000 Pre-Doctoral Fellow, National Epidemiology Program,
Indian Health Service, US Department of Health and Human Services,
Albuquerque, New Mexico
- 2000-2002 Post-Doctoral Fellow, National Cancer Institute, Division of Cancer Control and
Population Sciences, Surveillance Research Program, Rockville, Maryland
- 2002-2004 Post-Doctoral Fellow, National Cancer Institute, Division of Cancer
Epidemiology and Genetics, Occupational and Environmental Epidemiology
Branch, Rockville, Maryland

Research Interests

1. Renal Cell Cancer
2. Vitamin D
3. Heavy metals
4. Molecular epidemiology
5. Health disparities
6. Epidemiology education

Professional Experience

- 07.2019 to present Associate Professor of Epidemiology and Biostatistics
Temple University College of Public Health
Philadelphia, Pennsylvania
- 08.2014 to
06.2019 Founding Director, Pennsylvania State University Doctor of Public Health (DrPH)
Program, Accredited by the Council on Education for Public Health (CEPH)
Hershey, Pennsylvania

- 07.2010 to
06.2019 Associate Professor with Tenure
Division of Epidemiology
Department of Public Health Sciences
Pennsylvania State University College of Medicine
Pennsylvania State University Cancer Institute
Hershey, Pennsylvania
- 09.2004 to
06.2010 Assistant Professor
Division of Epidemiology
Department of Public Health Sciences
Pennsylvania State University College of Medicine
Pennsylvania State University Cancer Institute
Hershey, Pennsylvania
- 10.2002 to
08.2004 Post-Doctoral Research Fellow
National Cancer Institute, Division of Cancer Epidemiology and Genetics.
Occupational and Environmental Epidemiology Branch
<http://dceg.cancer.gov/about/organization/programs-ebp/oeeb>
Joseph F. Fraumeni, Jr., MD, Founding Division Director
Aaron Blair, PhD, Branch Chief
Bethesda, Maryland
- 01.2001 to
10.2002 Post-Doctoral Research Fellow
National Cancer Institute, Division of Cancer Control and Population Sciences,
Surveillance Research Program <http://www.seer.cancer.gov>
National Cancer Institute
Brenda K. Edwards, PhD, Associate Director, Surveillance Research Program
Bethesda, Maryland
- 09.1997 to
12.2000 Pre-Doctoral Research Fellow
Indian Health Service, Division of Epidemiology and
Disease Prevention
<http://www.ihs.gov/MedicalPrograms/epi/index.cfm>
Nathaniel Cobb, MD, James Cheek, MD, MPH, Ralph Bryan, MD
Albuquerque, New Mexico
- 10.1997 to
12.2000 Research Assistant
Patterns of Care Among Native American Cancer Patients
University of Iowa College of Public Health
<http://cph.uiowa.edu/>
Charles F. Lynch, MD, PhD
Iowa City, Iowa

- 02.2000 to
06.2000 Research Assistant
Clinical Prevalence of *H. pylori* Infection
Indian Health Service, Whiteriver Service Unit
Whiteriver, Arizona
- 09.1997 to
04.1998 Project Intern
Vaccination Coverage for American Indian Children on Two South Dakota
Reservations
Indian Health Service, Epidemiology Program, Headquarters West
James Cheek, MD, MPH
Albuquerque, New Mexico
- 01.1997 to
09.1997 Research Assistant
Iowa SEER Breast Cancer Data Linkage Project
Department of Internal Medicine, University of Iowa Hospitals and Clinics
Bradley Doebbeling, MD, MSc
Iowa City, Iowa
- 01.1997 to
08.1997 Research Assistant
Human Pathology World Wide Web Project
Department of Pathology, University of Iowa College of Medicine
Gary Baumbach, MD
Iowa City, Iowa
- 08.1996 to
12.1996 Research Assistant
Global Trade in Blood and Blood Products
Department of Preventive Medicine, University of Iowa College of Medicine
James Cerhan, MD, PhD
Iowa City, Iowa
- 08.1995 to
05.1996 Research Assistant
Asset and Health Dynamics of the Oldest Old (AHEAD)
Department of Preventive Medicine, University of Iowa College of Medicine
Robert B. Wallace, MD, MSc
Iowa City, Iowa
- 01.1993 to
06.1994 Research Assistant
Multiregional Projections of US Migration, 1940-1990
University of Colorado Institute of Behavioral and Social Sciences, Population
Program
Andrei Rogers, PhD
Boulder, Colorado

- 08.1993 to 12.1993 Teaching Assistant
 Population Geography
 Department of Geography
 University of Colorado,
 Boulder, Colorado
- 01.1994 to 05.1994 Teaching Assistant
 Urbanization, Migration & Development
 Departments of Geography and Economics
 University of Colorado,
 Boulder, Colorado

Courses Directed and/or Taught

1. *Molecular Epidemiology of Chronic Disease* (PHS 552), Department of Public Health Sciences, Pennsylvania State University College of Medicine. Founding course director, 2006 to 2019.
2. *Principles of Epidemiology* (PHS 550), Department of Public Health Sciences, Pennsylvania State University College of Medicine. Course co-director, 2012 to 2014.
3. *Social Influences on Health*, Department of Family and Community Medicine, Pennsylvania State University College of Medicine. Founding course instructor, 2007 to 2010.
4. *Integrative Seminar in Public Health Policy* (PHS 576), Department of Public Health Sciences, Pennsylvania State University College of Medicine, 2017 to 2019. Founding course director. Cross listed with Penn State Dickinson School of Law.
5. *Applied Tobacco Research* (PHS 863), Department of Public Health Sciences, Pennsylvania State University College of Medicine. Lecturer, 2016.
6. *Public Health Journal Club* (PHS 899), Department of Public Health Sciences, Pennsylvania State University College of Medicine. Founding course developer, 2017.

Publications

Journal Articles

1. **Wilson RT**, Watson E, Kaelin M, Huebner W. Early Preparation and Inspiration for STEM Careers: Description and Interim Report of the Epidemiology Challenge Randomized Intervention. *Public Health Reports*. 2018; 133(1): 64–74 DOI: 10.1177/0033354917746983

2. **Wilson RT**, Masters LD, Barnholtz-Sloan JS, Salzberg AC, Hartman TJ. *Ancestry-Adjusted Vitamin D Metabolite Concentrations in Association with Cytochrome 3A (CYP3A) Polymorphisms*. American Journal of Epidemiology. 2017; doi: 10.1093/aje/kwx187.
3. Garrido AE, Strosnider WHJ, **Wilson RT**, Condori J, Nairn RW. *Metal-contaminated potato crops and potential human health risk in Bolivian mining highlands*. Environmental Geochemistry and Health. 2017; 39(3):681-700.
4. **Wilson RT**, Hasanali SH, Sheikh M, Cramer S, Weinberg G, Firth A, Weiss SH, Soskolne CL. Challenges to the census: international trends and a need to consider public health benefits. Public Health. 2017 Oct;151:87-97. doi: 10.1016/j.puhe.2017.05.015.
5. Farag S, Das R, Strosnider WHJ, **Wilson RT**. *Possible Health Effects of Living in Proximity to Mining Sites near Potosí, Bolivia*. Journal of Occupational and Environmental Medicine. 2015; 57(5):543-51, doi: 10.1097/JOM.0000000000000401.
6. Dai JP, Xu A, Battaglioli EJ, Stanley BA, **Wilson RT**. *A Sensitive and Cost Effective LC/MS/MS Method for Determination of 1 α ,25-Dihydroxyvitamin D₃ in Human Plasma*. LCGC North America (Chromatographyonline.com), March 2015, 13(1).
7. **Wilson RT**, Bortner JD Jr, Roff A, Das A, Battaglioli EJ, Richie JP Jr, Barnholtz-Sloan J, Chinchilli VM, Berg A, Liu G, Anna C, Salzberg AC, and Karam El-Bayoumy K. *Genetic and Environmental Influences on Plasma Vitamin D Binding Protein Concentrations*. Translational Research. 2014; 165(6):667-76, doi: 10.1016/j.trsl.2014.08.003.
8. Tilburt JC, Koller K, Tiesinga JJ, **Wilson RT**, Trinh AC, Hill K, Hall IJ, Smith JL, Ekwueme DU, Petersen WO. *Patterns of clinical response to PSA elevation in American Indian/Alaska Native men: A multi-center pilot study*. Journal of Health Care for the Poor and Underserved. 2013; 24 (4): 1676-1685. PMID: 24185163
9. Southard EB, Roff A, Fortugno TA, Richie JP Jr, Kaag M, Chinchilli VM, Weinstein S, Virtamo J, Albanes D and **Wilson RT**. *Lead, calcium uptake and related genetic variants in association with renal cell carcinoma risk in a cohort of male Finnish smokers*. Cancer Epidemiology, Biomarkers and Prevention. 21(1):191-201, 2012. PMID: 22086884 PMCID: PMC3601826
10. Wenrich TR, Brown JL, **Wilson RT**, Lengerich EJ. Impact of a community-based intervention on serving and intake of vegetables among low-income, rural Appalachian families. *Journal of Nutrition Education and Behavior*. 2012; 44(1):36-45. PMID: 22023910
11. **Wilson RT**, Roff AN, Dai PJ, Fortugno T, Douds J, Chen G, Grove G, Ongeri S, Barnholtz-Sloan J, Frudakis T, Chinchilli VM, Hartman TJ, Demers, LM, Shriver MD, Canfield VA, Cheng KC. Genetic Ancestry, Skin Reflectance and Pigmentation

Genotypes in Association with Serum Vitamin D Metabolite Balance. *Hormone Molecular Biology and Clinical Investigation*. 2011; 7(1): 279–293.
ISSN (Print): 1868-1883, PMID: PMC3606023

12. **Wilson RT**, Giroux J, Kasicky KR, Fatupialto BH, Wood EC, Crichlow R, Sun Rhodes N, Tingley, J, Walling A, Langwell K, Cobb N. Breast and Cervical Cancer Screening Patterns among American Indian Women in Montana and Wyoming. *Public Health Reports*. 2011; 126(6): 806-15.
PMID: 22043096, PMID: PMC3185316
13. **Wilson RT**, Wang J, Chinchilli V, Richie J, Virtamo J, Moore LE, Albanes D. Fish, Vitamin D, and Flavonoids in Relation to Renal Cell Cancer among Smokers. *American Journal of Epidemiology* 2009; 170(6):717-29.
PMID: 19651663, PMID: PMC2768520
14. **Wilson RT**, Richardson LC, Kelly JJ, Lanier AP, Kaur J. Cancers of the Urinary Tract among American Indian and Alaska Natives in the United States, 1999-2004. *Cancer* 2008; 113(5 Suppl):1213-24.
PMID: 18720377, PMID: PMC3587982.
15. Wiggins C, Espey D, Wingo P, Kaur J, **Wilson RT**, Swan J, Miller B, Jim M, Lanier A. Cancer among American Indians and Alaska Natives in the United States, 1999-2004. *Cancer* 2008; 113(5 Suppl):1142-52.
PMID: 1872037, Free Full Text:
16. Roff A, **Wilson RT**. A Novel SNP in a Vitamin D Response Element of the CYP24A1 Promoter Reduces Protein Binding, Transactivation, and Gene Expression. *The Journal of Steroid Biochemistry & Molecular Biology* 2008; 112:47–54.
PMID: 18824104, PMID: PMC2749287
17. Thomas DC, Baurley J, Brown EE, Figueiredo J, Goldstein A, Hazra A, **Wilson RT**, Rothman N. Approaches to Complex Pathways in Molecular Epidemiology: Summary of an AACR Special Conference. *Cancer Research* 2008; 68(24):10028-30.
PMID: 19074865
18. **Wilson RT**, Donahue M, Gridley G, Adami J, El Ghormli L, Dosemeci M. Occupational risks for transitional cell cancer of the bladder and renal pelvis in Sweden. *American Journal of Industrial Medicine* 2008; 51(2):83-99.
PMID: 18067176, PMID: PMC2800169
19. Karami S, Brennan P, Hung RJ, Boffetta P, Toro J, **Wilson RT**, Zaridze D, Navratilova M, Chatterjee N, Mates D, Janout V, Kollarova H, Bencko V, Szeszenia-Dabrowska N, Holcatova I, Moukeria A, Welch R, Chanock S, Rothman N, Chow W-H, Moore LE. Vitamin D Receptor Polymorphisms and Renal Cancer Risk in Central and Eastern Europe. *Journal of Toxicology and Environmental Health, Part A: Current Issues* 2008; 71(6):367-72.
PMID: 18246496, PMID: PMC2799224

20. **Wilson RT**, Adams-Cameron M, Burhansstipanov L, Roubidoux M.A, Cobb N, Lynch CF, Edwards B. Disparities in Breast Cancer Treatment Patterns among American Indian, Hispanic and Non-Hispanic White Women Enrolled in Medicare. *Journal of Health Care for the Poor and Underserved* 2007; 18(3):648-64.
PMID: 17675720
21. **Wilson RT**, Chase GA, Chrischilles E, Wallace RB. Hip Fracture Risk among Community-Dwelling Elders in the US: A Prospective Study of Physical, Cognitive and Socioeconomic Status Indicators. *American Journal of Public Health* 2006; 96(7):1210-8. PMID: 16735617, PMCID: PMC1483878
22. Moore LE, **Wilson RT**, Campleman S. Lifestyle Factors, Exposures, Genetic Susceptibility and Renal Cell Cancer Risk: A Review. *Cancer Investigation* 2005; 23(3):240-55.
PMID: 15945510
23. **Wilson RT**, Dick JF, Cobb N. Accuracy of Administrative Data for Tracking Preventive Services among American Indian Cancer Patients. *IHS Primary Care Provider* 2005; 30(8):205-210.
24. **Wilson RT**, Moore LE, Dosemeci M. Occupational Exposures and Salivary Gland Cancer Mortality among African American and White Workers in the United States. *Journal of Occupational and Environmental Medicine* 2004; 46:287-297.
PMID: 15091292
25. Wiggins CL, Espey DL, Cobb N, Key CR, Darling RR, Davidson AM, Puckett LL, Miller BA, **Wilson RT**. BK Edwards Assessing and improving the quality of cancer surveillance data for American Indians in the Surveillance, Epidemiology, and End Results (SEER) Program. [Abstract] *Annals of Epidemiology* 2002; 23(7):531.
26. Doebbeling BN, Wyant DK, McCoy KD, Riggs S, Woolson RF, Wagner D, **Wilson RT**, Lynch CF. Linked Insurance-Tumor Registry Database for Health Services Research. *Medical Care* 1999; 37(11):1105-15.
PMID: 10549613
27. Rogers A, **Wilson RT**. Representing Structural Change in US Migration Patterns. *Geographical Analysis* 1996; 28(1):1-17.

Published Abstracts

1. **Wilson RT**, Wang J, Chinchilli V, Richie J, Moore LE, Albanes D. Supplementary and Dietary Vitamin D Intake and Renal Cell Cancer Risk. [Abstract] *Journal of Nutrition* 2007; 137:293S.

Invited Commentary

1. **Wilson RT**, Wallace RB. Trends in Hip Fracture Incidence in Young and Older Adults. [Invited Commentary] *American Journal of Public Health* 2007; 97(10):1734-5. PMID: 17761556, PMCID: PMC1994179

Book Chapters

1. **Wilson RT**, Silverman DK, Fraumeni JF, Curtis R. New malignancies following cancer of the bladder, renal pelvis, and kidney. In Curtis RE, Freedman DM, Ron E, Ries LAG, Hacker DG, Edwards BK, Tucker MA, Fraumeni JF, Jr. (eds) *New Malignancies Among Cancer Survivors: SEER Cancer Registries, 1973-2000*. (Bethesda, National Cancer Institute) NIH Publ. No. 05-5302, 2006.
http://seer.cancer.gov/publications/mpmono/MPMonograph_complete.pdf
2. **Wilson RT**, Roff A, Douds J, Onger S. "Vitamin D and Cancer" in: *Biochemical Aspects of Human Nutrition* Avigliano L and Rossi L, eds. (Research Signpost, Inc), 2011. ISBN 978-81-7895-478-3.

Policy Statements

1. American Public Health Association, Lead Author, "Reducing Occupational Exposure to Benzene in Workers and their Offspring." Policy Date: 12/14/2005, Policy Number: 20056
2. American Public Health Association, Epidemiology Section Editor, "Call for Education and Research into Vitamin D Deficiency/Insufficiency." Policy Date: 10/28/2008, Policy Number 20081

Reports

1. **Wilson RT**. *Patterns of Care Among Native American Cancer Patients: Diagnosis Code Validation*. Report to Phoenix Indian Medical Center and IHS Cancer Prevention & Control, Headquarters West. October, 1999.
2. **Wilson RT**, Dick JF, Cobb N. *Patterns of Care Among Native American Cancer Patients, Phase II. Preventive Services Received by Cancer Patients: Chart vs. Electronic Medical Records*. October, 1999.
3. **Wilson RT**. *Patterns of Care Among Native American Cancer Patients: Diagnosis Code Validation*. Report to Albuquerque Indian Hospital and IHS Cancer Prevention & Control, Headquarters West. September, 1999.
4. **Wilson RT**. *Researcher's Manual and SAS Programs to Accompany the Indian Health Service and National Cancer Institute Patterns of Care Among Native American Cancer Patients Data Retrieval System, Version 2.0 User's Manual and Installation Guide*. January 2001.

5. **Wilson RT.** *Patterns of Care Among Native American Cancer Patients: Final Report.* December, 2001.

Theses

1. **Wilson RT.** Poverty or Development? Regional Analysis of HIV Prevalence in Sub-Saharan Africa. MA, University of Colorado.
<http://libraries.colorado.edu/search~S3?/lt+1995+.W697/lt+1995+w697/-3%2C-1%2C0%2CB/frameset&FF=lt+1995+w697&1%2C1%2C>
2. **Wilson RT.** The Role of Primary Care Patterns in Stage at Diagnosis Outcomes Among American Indian Cancer Patients: New Mexico and Arizona, 1994-97. PhD, University of Iowa.

Honors, Awards and Special Scientific Recognition

Faculty/Professional Recognition

1. Board Member, International Network for Epidemiology in Policy (INEP)
<https://epidemiologyinpolicy.org>, formerly the International Joint Policy Committee of the Societies of Epidemiology, September 2017 to present
2. Policy Co-Chair, Epidemiology Section, American Public Health Association
(<https://www.apha.org/apha-communities/member-sections/epidemiology>), November 2017 to present
3. Secretary and Executive Committee Member, International Network for Epidemiology in Policy (formerly, the International Joint Policy Committee of the Societies of Epidemiology, 2016 to 2017
4. Chair, Epidemiology Section of the American Public Health Association, 2013 to 2015
5. Dean's Diversity Champion Award, Pennsylvania State University College of Medicine, inaugural awardee, January 2012
6. Visiting Faculty, Faculty of Health and Medicine, Center for Health Informatics Computing and Statistics (CHICAS), Lancaster University, United Kingdom, September to December 2011
7. Delta Omega Honorary Society in Public Health, Alpha Phi Chapter, University of Iowa, April 2011
8. Samuel F. Hinkle Outstanding Young Investigator Award Finalist, Pennsylvania State University Hershey College of Medicine, February 2010

9. National Institutes of Health, Career Development Award (K22), *Functional Vitamin D Receptor Gene Variants and Racial/Ethnic Cancer Disparities*, 2008 to 2011
10. Outstanding Mentor Award, Medical Student Association, Pennsylvania State University College of Medicine, 2008
11. Regional Judge, Young Epidemiology Scholars, Robert Wood Johnson, April 2006 to April 2011
12. Faculty Affiliate, Pennsylvania State University Center for Population Health and Aging, September 2006 to 2008
13. Pew Scholars Program in the Biomedical Sciences Nominee for the Pennsylvania State University College of Medicine, September 2005
14. Governing Councilor, American Public Health Association, elected to serve August 2005 to November 2009

Doctoral Student Recognition

1. Laurence G. Branch Doctoral Student Research Award, American Public Health Association, Aging and Public Health Section (formerly the Gerontological Health Section), 2000
2. Student Research Travel Award, Epidemiology Section, American Public Health Association, 2000
3. E. Peter Isaacson Cancer Epidemiology Scholarship, University of Iowa, 2000
4. University of Iowa College of Public Health, Department of Epidemiology, Academic Achievement Award, 2000
5. University of Iowa Department of Preventive Medicine, Academic Scholarship Award, 1996
6. University of Iowa Center for International Rural and Environmental Health Award: 'Infant Visual Acuity in Relation to Nutrition in an Endemic Malarial Region,' 1996
7. Foreign Language and Area Studies Fellowship, US Department of Education, 1996
8. Southeast Asian Summer Studies Institute Academic Scholarship, Thai Language, Arizona State University, 1996

Undergraduate Student Recognition, Drake University

1. Magna Cum Laude
2. Phi Beta Kappa

3. Omicron Delta Kappa
4. Mortar Board
5. Phi Eta Sigma Freshman Honor Fraternity
6. College Honors Program Graduate
7. E. Cameroon Women in Mathematics Scholar
8. Mathematical Association of America, Iowa Section, 1991 Student Paper Award, "Political Power and Electoral Reform in Britain"
9. Mathematical Association of America, Iowa Section, 1990 Student Paper Award, "Binary Codes for Acyclic Graphs"
10. Student Senator for the College of Arts and Sciences, 1989-90
11. Drake University Presidents' Scholar, 1987

Current Funding

1. Site Principal Investigator, "A collaborative data collection and analysis for inquiry-based experiential learning for health sciences related STEM education" NIH SBIR Fast-Track, Dirk Swart (PI), Wicked Device, LLC, Ithaca, NY, July 1st 2018 to June 30th 2021, \$1,710,738.51 (total); \$675,000.00 (total subaward)

The demand for U.S. workforce trained in STEM (science, technology, engineering, and math) is growing, even as student scores and interest in these areas lag. In order to encourage students of all backgrounds to pursue careers in STEM, they must be provided with meaningful, practical and applicable educational opportunities that create connections between STEM and the real world. To this end, Wicked Device is developing an engaging, flexible, low-cost and inclusive cloud-based data sharing system for schools that stands apart in its ability to support inquiry-based opportunities that align with students' own intrinsic interests, allowing them to address challenging questions that foster scientific discovery and literacy.

2. Co-Investigator, "Health impacts of roadway dust and groundwater following treatment with oil and gas fluids," Warner N (PI), Chase E, Grady C, Braiser K, Freedman M, Burgos W, Dorman F, Vanden Heuvel J, Wilson RT. Pennsylvania State University Institutes of Energy and the Environment Seed Grant Program, July 1st 2018 to June 30th 2021, \$50,000.00 (direct), contributed effort.

The aim of this project is to identify routes of human exposure as well as potential human health impacts from the application of oil and gas waste fluids as dust suppressants on unpaved roads.

3. Co-Investigator, "Pennsylvania: Multi-site Study of the Health Implications of Exposure to PFAS-contaminated Drinking Water," Brown LM (Contact Co-PI), Watkins SM (Co-

PI), Jones RM, Savitz DA, Wilson RT. October 1, 2019 to September 30, 2024. 1 U01 TS000301-01, \$1,290,967 (expected subaward to Temple University)

Aim 1: Collect high-quality, standardized PFAS exposure and health outcome data from adults and children (ages 4–17) probabilistically sampled from the affected communities. Aim 2: Triangulate the population’s PFAS exposures through measured serum levels and the conduct of PFAS water reconstruction and serum modeling to assess the effect of prolonged PFAS exposure on the health of adults and children. Aim 3a: Conduct Enhanced PFAS Spatial Analysis to assess the association between PFAS-contaminated water exposure and select cancers using population-based incident cases and controls. Aim 3b: Conduct Enhanced Family Cancer Surveillance to determine whether the level of PFAS exposure is associated with increased thyroid and kidney cancer risk relative to family controls.

Completed Funding

1. Co-Investigator, Pennsylvania State University College of Agricultural Sciences, Strategic Network Initiative Programs, *From Farm to Fork: an integrated approach to what we eat, why we eat it, and what it might do to our health*. Josh Lambert (PI), February 2018 to 2019, \$25,000 (direct), contributed effort.

Our goal is to establish a cross-disciplinary dialog via a new seminar series, investigator meetings to discuss research findings and opportunities for collaboration, and the development of a seed project to support applications for external funding. The long-term goal is to develop an integrated understanding of how diet impacts health both in terms of the intrinsic bioactivity of the foods as well as the drivers of consumer food choice

2. Principal Investigator, Pennsylvania Department of Health Epidemiological Consultation and Support, General Support, DOH Bureau of Epidemiology July 2nd 2018 to June 30th 2019, No. 4300592276, \$180,893.44 (total), 2.5% effort.

The purpose of this project is to provide epidemiologic consult support to the Pennsylvania Department of Health.

3. Co-Investigator, “Impact of a Post-Operative Dietary Intervention on Wound Healing in Late Stage Head and Neck Cancer Patients,” Pennsylvania State University Cancer Institute, Neerav Goyal and Joshua Lambert, Co-PIs August 1, 2017 to July 31, 2019 \$25,000.00 (direct), contributed effort.

The purpose of this study is to conduct a pilot investigation of enhanced anthocyanin and vitamin D nutrition among late stage head and neck cancer patients in a three week enteral feeding intervention given immediately post-surgery in order to: improve surgical wound healing outcomes; and determine the impact on blood and urinary biomarkers of inflammation, hypoxia and oxidative stress.

4. Principal Investigator, Pennsylvania State University Tobacco Center of Regulatory Science (TCORS) Pilot Project: *E-cigarette Use among College-age Students in Association with Biomarkers of Bone Health*, NIH/NIDA 5P50 DA036107-04 Joshua Muscat and Jonathan Foulds, Co-PIs August 1st 2016 to July 31st 2018, \$49,896.08 (direct)

5. Lead Consultant, “*CDC-RFA-CE16-1608 Enhanced State Surveillance of Opioid-*

Involved Morbidity and Mortality Funding Opportunity –Pennsylvania. Pennsylvania Department of Health, Health Innovation Deputate, Lauren S. Hughes, Deputy Secretary, June to September 30th, 2016

6. Principal Investigator, Pennsylvania Department of Health Epidemiological Consultation and Support, Environmental Health Tracking and Zika Virus Response, PA DOH No. 4300531454, December 7th 2016 to June 30th 2018, \$264,999.84 (total)
7. Principal Investigator, Pennsylvania Department of Health Epidemiological Consultation and Support PA DOH No. 4300555809, July 5th 2017 to June 30th 2018, \$189,310.12 (total)
8. Principal Investigator, *Early Preparation and Inspiration for Careers in the Biomedical Sciences*, NIH/NIGMS, July 1st 2013 to April 30th 2018, \$790,000.00 (direct) 1R01GM107715-01
9. Principal Investigator, *Genetic, Dietary and Environmental Influences on Vitamin D Metabolism*, American Institute for Cancer Research, 209517-REV1, January 1st 2013 to April 30th 2017, \$225,000.00 (direct)
10. Principal Investigator, Pennsylvania Department of Health Epidemiological Consultation and Support, Healthcare Associated Infections, Bureau of Epidemiology, PA DOH No. 4400015622, September 7th 2017 to March 30th 2018, \$81,798.00 (total)
11. Consultant, “Enhanced State Surveillance of Opioid-Involved Morbidity and Mortality,” Pennsylvania Department of Health, Health Innovation Deputate, PA DOH No. 4400008014, June 2016 to January 2017, Lauren M. Hughes, PA Deputy Secretary of Health, \$14,976.00 (direct)
12. Principal Investigator, *The Pennsylvania State University Epidemiology Challenge*, The Foundation for Enhancing Communities/Whitaker Fund for Science and Math, TFEC No. 188106, August 1st 2016 to July 31st 2017 \$10,000.00 (direct)
13. Consultant, “Pennsylvania Expanded HIV Testing Initiative (PEHTI),” Pennsylvania Department of Health, PADOH No. 4300327779, March 26th 2012 to December 31st 2014, Vernon M. Chinchilli (PI), \$1,737,896.71 (total)
14. Principal Investigator, “Genetics of Vitamin D Metabolism,” Pennsylvania State University Cancer Institute, Pennsylvania State University College of Medicine, October 1st 2010 to June 30th 2013, \$75,000.00 (direct)
15. Principal Investigator, “Functional Vitamin D Receptor Gene Variants and Racial/Ethnic Cancer Disparities,” National Institutes of Health, 1 K22 CA120092-01A2, September 1st 2008 to August 31st 2011, \$412,261.00 (direct)
16. Principal Investigator, “Exposure to Divalent Heavy Metals in Fish and Tobacco, Biomarkers of Susceptibility and Risk of Renal Cell Cancer,” American Institute for

- Cancer Research, 08A024-REV2, January 1st 2009 to June 30th 2011, \$165,000.00 (direct)
17. Principal Investigator, “Supplement to Functional Vitamin D Receptor Gene Variants and Racial/Ethnic Cancer Disparities,” National Institutes of Health, National Cancer Institute, 1 K22 CA120092-01A2 Supplement, September 1st 2009 to August 31st 2011, \$50,000.00 (direct)
 18. Co-Investigator, “Polymorphisms in the 1,25D₃-MARRS Receptor: Characterization and Association with Serum Vitamin D levels,” Safford, S. (PI), Pennsylvania Department of Health Tobacco Settlement Fund, March 1, 2010 to February 28, 2012, \$30,970.00 (direct)
 19. PI of Subcontract, “Strengthening Research Infrastructure at Lincoln University,” Nelson (PI), National Institutes of Health, 5P20MD003352-03, February 14th 2011 to February 13th 2012. Sub-project “Polymorphisms in 1,25D₃-MARRS” \$25,000.00 (direct)
 20. Co-Investigator, “Investigation of the Signaling Pathway Activated by 1,25D₃-MARRS Receptor,” Safford, S. (PI), National Institutes of Health NIGMS, 3SC1GM082365-02S109 September 1st 2009 to December 31st 2010, \$49,184.00 (direct)
 21. Co-Investigator, “Alterations in the MEP1A Gene Increase Susceptibility to IBD,” Matters, G. (PI) Pennsylvania State University College of Medicine, Department of Colon and Rectal Surgery, IBD Carlino Gift Fund, \$60,000.00 (direct), July 1st 2007 to June 30th 2009
 22. Principal Investigator, “Pennsylvania Study of Intergenerational Health, Vitality and Environment (PennSIVE),” Pennsylvania State University Center for Population Health and Aging, National Institutes of Aging Pilot Program. \$29,352 (direct), December 1st 2007 to June 30th 2009
 23. Principal Consultant, Rocky Mountain Tribal Epidemiology Center “Research on Factors Contributing to Breast and Cervical Cancer Outcomes Among American Indian Women in Montana,” Belcourt, G. (PI), Montana-Wyoming Tribal Leaders Council; Sub-project for *Building Health Services Research Capacity for Tribes in Montana and Wyoming*, Agency for Healthcare Research and Quality, AHRQ R24 HS14034, October 1st 2006 to September 31st 2008
 24. Principal Investigator, “Environmental Heavy Metals, Biomarkers of Susceptibility and Renal Cancer,” Pennsylvania State University College of Medicine Research Start-up Grant, Penn State Tobacco Settlement Funds, January 1st 2008 to June 30th 2008, \$45,300 (total)
 25. Principal Investigator, “Obesity Intervention Biomarker Follow-Up Study in Rural Pennsylvania Families,” Pennsylvania State University Children, Youth and Families Consortium, September 2007 to August 2008, \$20,271 (direct)

26. Principal Investigator, “Northern Appalachian Intergenerational Study of Health Improvement (NAISHI) Study Development Initiative,” Pennsylvania State University Center for Population Health and Aging, September 1st 2007 to September 1st 2008, \$7,000 (direct)
27. Co-Investigator, “A Model GIS/Atlas for State Comprehensive Cancer Control” Association of American Medical Colleges, U36/CCU 319276, Eugene J. Lengerich (PI), October 1st 2003 to September 30th 2006, \$171,638.00 (direct)
28. Co-Investigator, “Obesity and Cancer Risk in Rural Pennsylvania,” Pennsylvania State University Outreach Health Thematic Initiative Fund, Eugene Lengerich (PI), February 1st 2006 to December 31st 2007, \$25,000.00 (direct)
29. Principal Investigator, “Risk of Low Vitamin D Status and Function: Self-Reported Race, Population Ancestry, and Skin Reflectance” Pennsylvania State University General Clinical Research Center, February 1st 2006 to January 31st 2007, \$17,878.00 (direct)
30. Principal Investigator, “Risk of Low Vitamin D Status and Function: Self-Reported Race, Population Ancestry, and Skin Reflectance” Pennsylvania State University Population Research Institute, December 1st 2005 to November 30th 2006, \$5,734.00 (direct)

Mentoring and Supervisory Roles

High School Students

1. Timothy Nevil, Middletown Area High School Internship Program with Pennsylvania State University, September 2018 to June 2019
2. Raabia Hashmi, Cedar Cliff High School Internship Program with Pennsylvania State University, July 2016 to August 2017, Class of 2017
3. Andrew Yeich, Middletown Area High School Internship Program with Pennsylvania State University, September 2015 to June 2016, Class of 2016
4. Paige Byers, Cedar Cliff High School Student, Pennsylvania State University Department of Public Health Sciences Internship Program, September 2013 to June 2014

Undergraduate Students/Bachelor's level staff

5. Meredith Hazen, Pennsylvania State University Department of Public Health Sciences Internship Program, January 2018 to May 2019

6. Laura E. Ohl, Pennsylvania State University College of Medicine Summer Undergraduate Research Intern Program (SURIP), May 2016 to August 2016, Pennsylvania State University Class of 2016
7. Taylor Ottomano Etzel, Pennsylvania State University Department of Public Health Sciences Internship Program, September 2014 to August 2015
8. Kelly J. McGill, Pennsylvania State University College of Medicine Summer Undergraduate Research Intern Program (SURIP), May to July 2014, *A Polymorphism in a Negative Vitamin D Response Element in CYP27B1*, Pennsylvania State University Class of 2015
9. Bruce Miller, Pennsylvania State University Department of Public Health Sciences Internship Program, August 2012 to February 2013
10. Lindsey Wenger, Pennsylvania State University Department of Public Health Sciences Internship Program, March 2012 to August 2012
11. Tracey Fortugno, Pennsylvania State University Department of Public Health Sciences Internship Program, May 2010 to June 2011
12. Angelica Martinez, Pennsylvania State University College of Medicine Summer Undergraduate Research Internship Program (SURIP), Lincoln University Class of 2010. June to August 2009
13. Kristin Knepp, Pennsylvania State University Department of Public Health Sciences Internship Program, *Heavy Metals and Kidney Cancer*, January to May 2008
14. Jenna Trosko, University of Pennsylvania Class of 2008, Pennsylvania State University Undergraduate Intern, Pennsylvania State University Hershey Cancer Institute, Co-Mentor with Dr. Keith Cheng, June to August 2007
15. Mark Donahue, Post-Baccalaureate Research Fellowship Program, Occupational & Environmental Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, September 2003 to September 2004
16. Tiffany Jones, Pre-Baccalaureate Research Fellowship, Occupational & Environmental Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Summer 2004, Tougaloo College Class of 2005

Medical Students

17. Justin Loloi, MD Student Intern, February 2018 to May 2018. *Systematic Review of Factors Associated with Head and Neck Cancer Survival.*

18. Brandon LaBarge, MD Student Research Internship Rotation Mentor, July 2017 to June 2019. *Three Mile Island Systematic Review*.
19. Dan Holsinger, Pennsylvania State University Medical Student Research Program, Co-Advisor, Pennsylvania State University College of Medicine, December 2015 to May 2016, Class of 2016. *Vitamin D Metabolism in Elite College Athletes*.
20. Sheila Ongerik Nikiforova, Pennsylvania State University Medical Student Research Program Intern, October 2013 to June 2014. *Vitamin D and Racial/Ethnic Disparities*.
21. Emily Southard, Pennsylvania State University Medical Student Research Program, Pennsylvania State University College of Medicine Class of 2013, *Exposure to Divalent Heavy Metals, Biomarkers of Susceptibility, and Risk of Renal Cell Cancer*.
College of Medicine Medical Student Research Award 2010
22. Ania Swiatoniowski, PhD Comprehensive Exam and Thesis Committee Member, *Crohn's Disease and Vitamin D Metabolism*, Pennsylvania State University Department of Anthropology, University Park, Dr. Nina Jablonski, Chair. November 2009 to May 2012
23. Riva Das, Medical Student Research Program, Pennsylvania State University College of Medicine Class of 2012, *The Effects of Heavy Metals in Potato Crops on the Renal Function of Bolivians*
College of Medicine Medical Student Research Award 2009
24. Sara Farag, Medical Student Research Program, Pennsylvania State University College of Medicine Class of 2012, *Hypertension in Indigenous Bolivians and its Relation to Heavy Metals in Potatoes*
Lloyd Scholarship for International Medical Research 2009
25. Joanna Olson, Medical Student Research Program, Pennsylvania State University College of Medicine Class of 2012, *Effects of Participation in an Influenza-like-illness Surveillance Program on Submission of Influenza Specimens for Surveillance*
26. Jonathan Douds, Medical Student Research Program, Pennsylvania State University College of Medicine Class of 2012, *Functional Vitamin D Receptor Gene Variants and Racial/Ethnic Disparities*, May to August 2009
27. Michael Farbaniec, Medical Student Research Program, Pennsylvania State University College of Medicine Class of 2010, *Acute Lymphoblastic Leukemia in Children and Its Relationship to Parental Pesticide Exposure*
28. Jubril Oyeyemi, Medical Student Research Program, Pennsylvania State University College of Medicine Class of 2009, *Is there a racial disparity in the occurrence of secondary renal cancer following nephrectomy for primary renal cell cancer?* January to May 2009

29. Renee Bjorklund, Medical Student Research Program, Pennsylvania State University College of Medicine Class of 2009, *Renal cell carcinoma (RCC) incidence and mortality in New Mexico and its Relation to Public Drinking Water*
Pennsylvania State University Wilcox Cross-Cultural Medical Student Research Award 2007
30. Kathryn Kasicky, Medical Student Research Program, Pennsylvania State University College of Medicine Class of 2008, *Breast and Cervical Cancer Screening Patterns among American Indian Women in Montana and Wyoming*
College of Medicine Medical Student Research Award 2007
Pennsylvania State University College of Medicine Best Student Paper Award 2008
31. Nicole Saddic, Medical Student Research Program, Pennsylvania State University College of Medicine Class of 2008, *Clinical Features, Demographics, and Risk Factors of Large Granular Lymphocyte Leukemia in 41 Cases from the Large Granular Lymphocyte Leukemia Registry*

Master's Students/MS-level Staff

32. Yojana Kanade, MS, Pennsylvania State University, Department of Public Health Sciences Internship, September 2018 to June 2019
33. Callie Howells McArthur, MS, Pennsylvania State University-Pennsylvania Department of Health Master Agreement, Pennsylvania Birth Defects Registry, April 2017 to June 2019
34. Michelle Goodreau, Pennsylvania State University MPH Student, Academic Advisor, March 2015 to May 2016, Class of 2016
35. Michael Ringenbach, Pennsylvania State University MPH Student, Academic Advisor, March 2015 to May 2016, Class of 2016
36. Loren D. (Archibeque) Masters, Pennsylvania State University MPH Student Intern, Pennsylvania State University College of Medicine, August 2012 to August 2015
Gary A. Chase Award for Excellence in Public Health, Pennsylvania State University College of Medicine
Graduate Student Class of 2014 Commencement Speaker, Pennsylvania State University College of Medicine
37. Allshine Chen, MS Pennsylvania State University Department of Public Health Sciences Internship Program, Summer 2011
38. Susan Veldheer, MS Thesis Chair, Pennsylvania State University Department of Public Health Sciences, *Serum Vitamin D Status in Normal Versus Class I, II and III Obesity*, June 2010 to May 2012
39. Gerald Podskalny, MD, *Independent Research in Parkinson's Disease*, Pennsylvania State University Department of Public Health Sciences, Pennsylvania State University, January to May 2009

40. Nathan Geyer, Pennsylvania State University Department of Public Health Sciences Internship Program, MS Class of 2008, May to July 2008
41. Kai-Ling Wang, Master's Student, Pennsylvania State University Department of Statistics Class of 2007, Summer Student Intern, May to August 2006
42. Jiangyue Wang, Master's Student, Pennsylvania State University Department of Statistics Class of 2006, Pennsylvania State University Department of Public Health Sciences Internship Program, May to August 2005
43. Carmen George, MS Thesis Committee Member, Department of Environmental and Radiological Health Sciences, College of Veterinary Medicine & Biomedical Sciences, Colorado State University, May 2002 to December 2004

Doctoral Students

44. Hongke Wu, DrPH Student, Pennsylvania State University. Research Advisor, *Renal Cell Cancer Risk in Association with Coffee, Cadmium and Selenium: A Mediation Analysis*. May 2019 to present
45. Eileen Flores, DrPH Student, Pennsylvania State University. F31 Research Co-Advisor, *Skin Cancer Prevention among Diverse Population Groups*, January 2019 to June 2019
46. Sangeeta Saxena, MD, DrPH Student, Pennsylvania State University. Administrative advisor and Research Advisor, *E-Cigarette Use in Association with Vitamin D Biomarkers and Bone Mineral Density among College Students*, August 2018 to present
47. Simisola Bello, DrPH Student, Pennsylvania State University. Comprehensive Exam and Thesis Committee Chair, *Occupational Lead Exposure Surveillance in Pennsylvania*, March 2018 to June 2019
48. Noof Alwatban, MD, DrPH Student, Pennsylvania State University-Pennsylvania Department of Health Master Agreement, Zika Pregnancy Registry, September 2016 to May 2018
49. Eva Husnulhotimah, DrPH Student Research Intern, September 2016 to December 2016
50. Sadie Dierschke, Independent Study in Molecular Epidemiology, Clinical and Translational Sciences Dual Degree Doctoral Program, August 2016 to December 2016
51. Olivia Rivera, Comprehensive Exam and PhD Thesis Committee member, Pennsylvania State University Biomedical Sciences Program, May 2016 to March 2019
52. Paige Chandler, PhD Thesis Committee Member, Pennsylvania State University Biomedical Sciences Program, July 2015 to February 2016

53. Shuai Zhao, PhD candidacy committee, Pennsylvania State University Biomedical Sciences Program, June 2014
54. Shailesh Advani, MD Anderson PhD Candidate, APHA Epidemiology Section Student Leadership Liaison, November 2012 to November 2013

Post-Doctorate Students/ PhD-level Staff

55. Sophia Allen, PhD, DrPH Program Instructor, Pennsylvania State University DrPH Program, May 2018 to June 2019
56. Stephanie Howe-Hasanali, PhD, Pennsylvania State University-Pennsylvania Department of Health Master Agreement, Pennsylvania Fracking Complaints Database, January 2017 to July 2017
57. Nathaniel Geyer, DrPH, Pennsylvania State University Workforce Development Survey Analysis, February 2017 to March 2018
58. Eric J. Battaglioli, PhD, Pennsylvania State University Post-Doctoral Research Fellow in Molecular Epidemiology, Department of Public Health Sciences, Pennsylvania State University College of Medicine, August 2013 to April 2015

Junior Faculty

1. Casey Pinto, PhD, Assistant Professor, Department of Public Health Sciences, DrPH Program, December 2018 to June 2019
2. Roderick Gilbert, DrPH, Instructor, Department of Public Health Sciences, DrPH Program Assistant, August 2018 to June 2019
3. Kristin Sznajder, PhD, Assistant Professor of Public Health Sciences, Faculty Mentor, July 2018 to June 2019
4. Betsy Aumiller, EdD, Assistant Professor of Public Health Sciences, Associate Director for Educational Advancement, Pennsylvania State University DrPH Program, August 2014 to June 2019
Outstanding Educator Award, Pennsylvania State University College of Medicine 2016
AAMC Lead Program 2018
5. Yendelela Cuffee, PhD, Assistant Professor of Public Health Sciences, Associate Director of Public Health Practice, Pennsylvania State University DrPH Program, July 2016 to June 2019
6. Gayle Smink, MD, MPH, Pennsylvania State University Junior Faculty Development Program, September 2016 to November 2016
7. Ping Du, PhD, Assistant Professor of Medicine and Public Health Sciences, DrPH Program Admissions Committee Chair, December 2015 to June 2019

8. Cara Pennel, DrPH, Assistant Professor of Public Health Sciences, DrPH Program Development, January 2015 to July 2015

Professional Memberships

American Association for Cancer Research (AACR)
American Association of University Professors (AAUP)
American College of Epidemiology (ACE)
American Institute for Cancer Research (AICR)
American Public Health Association (APHA)
 American Indian, Alaska Native and Native Hawaiian Caucus
 Epidemiology Section
 Public Health Genomics Forum
American Society of Preventive Oncology (ASPO)
Association for Women in Science (AWIS)
Pennsylvania Public Health Association (PPHA)

Grant and Award Review Panels

1. Member, Interdisciplinary Molecular Sciences and Training (IMST) Review Panel on Interactive Digital Media STEM Resources for Pre-College and Informal Science Education Audiences (SBIR R43/R44 and STTR R41/R42), October 2019
2. Member, Worldwide Cancer Research Grant Review Panel, <https://www.worldwidecancerresearch.org>, September, 2019
3. Member, Multidisciplinary Special Emphasis Panel (SEP) National Institute on Minority Health and Health Disparities (NIMHD) R13 Program Review, June 12, 2019
4. NIH National Institute on Minority Health and Health Disparities, Research Centers in Minority Institutions (RCMI) (U54) Scientific Review Group 2018/05 ZMD1 DRI (M1) R, March 7-9, 2018
5. Member, NCI Surveillance, Epidemiology and End Results (SEER) Program Review (ZCA1 SRB-2 (J1), September 26-27, 2017
6. Ad Hoc Review Member, NIH Arthritis, Connective Tissue and Skin (ACTS) Study Section, June 12-13, 2017
7. Special Emphasis Panel Member, NIH Musculoskeletal, Oral and Skin Sciences (MOSS) Study Section, November 10, 2016
8. Special Emphasis Panel/Scientific Review Group, Support of Competitive Research (SCORE) program, 2017/01 ZGM1 RCB-X (SC), NIH (10/2016)

9. Special Emphasis Panel Member, NIH Arthritis, Connective Tissue and Skin (ACTS) Study Section, June 14-15, 2016
10. Special Emphasis Panel Member, NIH Arthritis, Connective Tissue and Skin (ACTS) Study Section, October 13-14, 2015
11. Member, Healthy & Wise Central PA Task Force, The Foundation for Enhancing Communities, Harrisburg, PA (<http://www.tfec.org/healthywise/>) April 2014 to April 2015
12. Pennsylvania State University College of Health and Human Development Biological Mechanisms Underlying Health and Development Seed Grant Program Reviewer, 2014
13. Review Panel Member, AHRQ Review Panel, "PAR-10-022, Partnerships in Implementing Patient Safety II (R18), June 2013
14. 3rd North American Congress of Epidemiology, Career and Student Award Review Committee 2010-2011
15. American Public Health Association, Epidemiology Section Awards Committee Chair, 2009-2011
16. Department of Defense Congressionally Directed Medical Research Program (CDMRP) Prostate Cancer Grant Review Panel, July 2007; September 2008
17. NIH, NIDDK Review Committee, "Clinical Study of Vesicoureteral Reflux in Children," RFA-DK-04-019, August 2005
18. Outstanding Mentor Award Review Committee, The Fellowship Office, National Cancer Institute, July 2003

Journal Peer Review

American Journal of Epidemiology, 2004 to present
American Journal of Public Health, 2007 to present
Biomedical and Environmental Sciences, 2014 to present
British Journal of Cancer, 2013 to present
BMC Cancer, 2013 to present
BMC Nutrition, 2016 to present
Environmental Health Perspectives, 2013 to present
Frontiers in Applied Genetic Epidemiology, Review Editor, 2011 to present
Journal of Chromatography B, 2013 to present
Journal of Urology, 2015 to present
Lung Cancer, 2014 to present
Osteoporosis International, 2006 to present

Pharmacogenetics and Genomics, 2011 to present
PLoS One, 2013 to present
Preventing Chronic Disease, 2006 to present
Public Health Reports, 2006 to present
Recent Patents on Anti-Cancer Drug Discovery, 2009 to present
Renal Failure, 2013 to present
Tumor Biology, 2013 to present
Zebrafish, 2013 to present

Editorial Boards and Professional Association Review Panels

American Public Health Association

American Indian Alaska Native, Native Hawaiian Caucus, Abstract Review, 2003 and 2006
Epidemiology Section Abstract Review Committee, 2004 and 2008
Epidemiology Section Career Award Review Committee, 2009 to 2011, 2017-2019
Governing Council Policy Statement Review, 2005 to 2008
Special Sessions Review Committee, 2012 to 2013
Policy Co-Chair, 2017 to present

Frontiers in Applied Genetic Epidemiology

Journal Review Editor, January 2011 to present

Pennsylvania State University Public Health Day Symposium

Abstract Review Committee Chair, 2014 to 2015

12th World Congress on Public Health, Meeting Abstract Review, 2009

Service on Committees and Boards

American Public Health Association (APHA, www.apha.org)

American Indian, Alaska Native and Native Hawaiian Caucus
Cancer Scholars Mentoring Committee, June 2003 to June 2006

Epidemiology Section

1. Policy Committee Co-Chair, 2017 to present
2. Immediate Past Chair, 2013 to 2015
3. Chair, 2011 to 2013
4. Chair Elect, 2009 to 2011

5. Public Health Practice Award Committee Chair 2005 to 2007
6. Awards Committee, 2007 (co-Chair), 2009 to 2011 (Chair), 2017 to 2018 (member)
7. Course Coordinator, Geographic Information Systems (GIS) I for Public Health Professionals, APHA Learning Institute, 2007
8. Governing Councilor, 2005 to 2009; Policy Whip, 2006 to 2007
9. Student Award Committee, 2004 and 2005

Association of Schools and Programs of Public Health (ASPPH)

1. Member, Doctor of Public Health (DrPH) Council, May 2015 to June 2019
2. Representative, Research Section, March 2015 to May 2016

Association for Women in Science (AWIS)

Advisory Board Member, Pennsylvania State University College of Medicine, 2013 to 2014

Epidemiology Congress of the Americas 2016

Member, Organizational Memorandum of Understanding (MOU) Development Team, June 2012 to May 2013

Harrisburg School District, Secondary Education Reform Task Force

Science Education Review Panel, May 2013 to January 2014

International Network for Epidemiology in Policy (formerly the International Joint Policy Committee for the Societies of Epidemiology (www.ijpc-se.org))

1. Society Representative, Epidemiology Section of the American Public Health Association, September 2017 to present
2. Secretary and Executive Board Member, May 2016 to September 2017
3. Ex-Officio Member, January 2010 to April 2015

Epidemiology Congress of the Americas (formerly the North American Congress of Epidemiology)

1. Ex-Officio Member, Executive Planning Committee, February 2010 to June 2011

2. Member, Awards Committee, March 2010 to June 2011

Pennsylvania State University Cancer Institute

1. Member, Cancer Research Career Enhancement (CRCE) committee, October 2017 to June 2019
2. Member, Population Health and Cancer Control Program, Joshua Muscat, PhD, and Steven Branstetter, PhD, Program Co-Leaders, September 2004 to June 2019
3. Member, Cancer Education Committee, September 2015 to June 2019

Pennsylvania Department of Health

Member, Pennsylvania Birth Defects Surveillance Advisory Panel, April 2017 to present

Pennsylvania State University

1. Course Development Consultant, *Health and Environmental Sustainability* (NURS 325), Penn State University College of Nursing, February 2019.
2. Founding Director, Doctor of Public Health (DrPH) Program, 2014 to June 2019
Oversight of 17-member development team for degree development across four campuses. New courses developed for this degree:
 - PHS 531 Perspectives on Women's Health
 - PHS 554 Statistical Methods in Public Health I
 - PHS 555 Statistical Methods in Public Health II
 - PHS 574 Methods in Clinical and Public Health Interventions
 - PHS 575 Integrative Public Health Leadership
 - PHS 576 Integrative Seminar in Public Health Policy
 - PHS 577 Integrative Seminar in Social & Behavioral Determinants of Health
 - PHS 578 Advanced Integrative Public Health Leadership
 - PHS 590 Public Health Colloquium
 - PHS 805 Public Health Policy Analysis
 - PHS 806 Public Health Ethics
 - PHS 892 Directed Studies in Public Health
 - PHS 894A Integrative Doctoral Research
 - PHS 895B Advanced Field Experience
 - PHS 896A/B Integrative Doctoral Research I/II
 - PHS 899 Public Health Journal Club
3. Co-Lead, JD/DrPH Dual Degree Program Development Team with Penn State Dickinson School of Law, Professor Medha Makhoulf and Dean Gary Gildin, 2017 to 2018. Approved by the Graduate School December 20, 2018.

4. Lead, Organizational Memorandum of Understanding with Rodale Institute, 2017 to 2018, Signed, June 15, 2018.
<https://news.psu.edu/gallery/525544/2018/06/15/penn-state-college-medicine-and-rodale-institute-partnership-announcement>
5. Emory Global Health Case Competition Mock Event Judge, Pennsylvania State University, February 2018
6. Associate Director for Public Health Workforce Development, Pennsylvania State University Public Health Program, 2013 to 2014
7. Chair, Pennsylvania State University Public Health Day Symposium Abstract Review Committee, 2014 to 2015
8. Faculty Advisor, Public Health Association for Service and Education (PHASE) Graduate Student Association, May 2013 to August 2014
9. Lead Organizer, Molecular Epidemiology Working Group, September 2013 to May 2015
10. Chair, Pennsylvania State University Public Health Day Symposium, 2013 to 2014
11. Member, Pennsylvania State University Public Health Program (formerly the Pennsylvania State University MPH Program), Council on Education for Public Health (CEPH) Review Oversight Committee, 2013 to 2014
12. Association for Women in Science (AWIS), Hershey Career Event Planning Team, 2013
13. Chair, MPH Practicum and Service Committee, Public Health Program, 2012 to 2014
14. Member, MPH Practicum and Service Committee, Public Health Program, 2009 to 2012
15. Member, Social Influences on Health Course Development Committee, 2009 to 2010
16. Member, Evidence Based Medicine, Problem Based Learning Facilitation groups, 2009 to 2010
17. Member, Graduate Education Task Force, 2008 to 2009
18. Co-Director, Department of Public Health Sciences' Research Seminar, 2005 to 2006

19. Member, Graduate Education Committee, Department of Public Health Sciences 2004 to 2006, and 2009 to 2010
20. Member, Junior Faculty Development Course Planning Committee, 2005 to 2006
21. Member, Molecular Epidemiology Working Group, Pennsylvania State University Cancer Institute, 2004 to 2008

National Institutes of Health

1. Representative, NIH Fellows Committee (FelCom), National Cancer Institute Division of Cancer Epidemiology and Genetics, 2003 to 2004 (www.training.nih.gov/felcom)
2. Member, Fellows Award For Research Excellence (FARE) Committee, 2004
3. Member, Geographic Information Systems Specialty Interest Group, National Cancer Institute, 2001 to 2004

Temple University

1. Chair, Doctoral Admissions Committee, Department of Epidemiology and Biostatistics, College of Public Health
2. Member, Curriculum Assessment Committee, Department of Epidemiology and Biostatistics, College of Public Health

Symposia Led

1. *Health Innovation in Pennsylvania, Pennsylvania Department of Health and Pennsylvania State University*. Hershey, PA, March 23, 2017. Role: Lead Organizer.
2. *International Threats to the Mission of Public Health as Governments Dismantle/Erode the Census*, American Public Health Association Annual Meeting, New Orleans, November 17, 2014. Role: Lead Organizer.
<https://apha.confex.com/apha/142am/webprogram/Session42107.html>
3. *Pennsylvania State University Public Health Day Symposium*, Department of Public Health Sciences, Pennsylvania State University, May 9, 2014. Role: Chair.
4. *The Nexus Between Public Health Evidence and Policy*, American Public Health Association Annual Meeting, Boston, November 5, 2013. Epidemiology Section of the American Public Health Association and the Joint Policy Committee of the Societies of

Epidemiology. Role: Organizing Committee. Lead Organizers: Stanley H. Weiss and Colin Soskolne.

5. *DSI (Disease Scene Investigators): Chocolate Town, Careers in Epidemiology and Public Health*, The Pennsylvania State University College of Medicine, January 10th, 2013. Role: Organizing committee member, including members from the Capital Area Partnership for Career Development, Middletown Area High School, Montclair State University, and the Pennsylvania Department of Health. Attendees: 86 students from 12 area High Schools.
6. *Epigenetics - Significance and Relevance in Public Health*. The American Public Health Association Meeting, San Francisco, October 27-31, 2012. Presenters: Nico S. Rizzo, Loma Linda University; Trygve O. Tollefsbol, PhD, University of Alabama at Birmingham; Yuan-Xiang Pan, PhD, University of Illinois; Role: Co-Organizer and Discussant.
7. *Possible Public Health Implications of Natural Gas Drilling*, The American Public Health Association Meeting, San Francisco, October 27-31, 2012. Presenters: Alan Krupnik, Resources for the Future, Center for Energy Economics and Policy (CEEP); Roxana Zulauf Witter, MD, MSPH, MS, University of Colorado Denver; Bernard Goldstein, University of Pittsburgh. Role: Co-Organizer and Discussant.
8. *DSI (Disease Scene Investigators): Chocolate Town, Careers in Epidemiology and Public Health*, The Pennsylvania State University College of Medicine, January 10th, 2012. Role: Organizing committee member, including members from the Capital Area Partnership for Career Development, Middletown Area High School, Montclair State University, and the Pennsylvania Department of Health. Attendees: Over 100 students from 8 area High Schools.
9. *Significant Advances in Evidence-Based Public Health and Policy Recommendations from the Institute of Medicine*, American Public Health Association Annual Meeting, November 2011. Role: Lead organizer. Sponsors: APHA Epidemiology Section, APHA Food and Nutrition Section. The purpose of this 1.5-hour session is to provide attendees with an overview of public health and policy recommendations from recent IOM reports and to provide an understanding of the IOM review and decision making process.
10. *DSI (Disease Scene Investigators): Chocolate Town, A One-Day Workshop for High School Students in Epidemiology and Public Health*, The Pennsylvania State University College of Medicine, December 15, 2010. Role: Instructor and organizing committee member, including members and instructors from the Capital Area Intermediate Unit, Capital Area Partnership for Career Development, Middletown Area High School, Montclair State University, and the Pennsylvania Department of Health.
11. *Infusing Public Health and Epidemiology Career Pathways and Education into the Capital Region*, The Pennsylvania State University College of Medicine, March 1, 2010. Role: Organizing committee member including members and presenters from the Capital Area Intermediate Unit, Middletown Area High School, Montclair State University,

Clarion University, University of Pennsylvania, and the Pennsylvania Department of Health.

12. *The Northeast Regional Epidemic Intelligence Service Officer's Conference, Centers for Disease Control and Prevention, Pennsylvania Department of Health and Pennsylvania State University College of Medicine and Department of Public Health Sciences, March 24, 2010. Role: Organizing committee member, consisting of members of the Pennsylvania Department of Health, Bureau of Epidemiology.*

Community Engagement

1. Technology-Linked Epidemiology Education Network (TEEN) Phase I Classroom Testing. Cedar Cliff High School, Dauphin County Technical School, Lower Dauphin High School, Middletown Area High School, September 2019.
2. Amina Kilpatrick "Air Quality Device Aims to 'Bring Citizen Science into the Classroom,'" *Cornell Daily Sun*, November 30, 2018, <https://cornellsun.com/2018/11/30/air-quality-device-aims-to-bring-citizen-science-into-the-classroom/>
3. Casey Verderosa, "Rev startup gets \$1.7M for global curriculum data analysis," *Cornell Chronicle*, November 21, 2018. <http://news.cornell.edu/stories/2018/11/rev-startup-gets-17m-global-curriculum-data-analysis>
4. Speaker, "Technology-Linked Epidemiology Education Network," Middletown Area High School, Middletown, PA, October 19, 2018.
5. Speaker, "A Middle School Medical Mystery," Lower Dauphin School District Summer Day Camp, Hummelstown, PA, June 28, 2018.
6. Lunchtime Speaker, Pennsylvania State University Public Health Program High School Epidemiology Shadow Day, Pennsylvania State University College of Medicine, Hershey, PA, March 26, 2018.
7. "Public Health Reports: Early Preparation and Inspiration for STEM Careers: Preliminary Report of the Epidemiology Challenge Randomized Intervention, 2014-2015," ASPPH News, January 12, 2018. <https://www.aspph.org/public-health-reports-early-preparation-and-inspiration-for-stem-careers-preliminary-report-of-the-epidemiology-challenge-randomized-intervention-2014-2015/>
8. "ASPPH Visits Penn State and Arcadia," January 18, 2018, ASPPH News, <https://www.aspph.org/aspph-visits-penn-state-and-arcadia/>
9. Keynote Speaker, Epidemiology Science Fair Day, SciTech High School, Harrisburg, PA, December 6, 2017.

10. Pennsylvania State University High School Epidemiology Shadow Day, Pennsylvania State University College of Medicine, Hershey, PA, November 17, 2016.
11. “Recent Advances in Vitamin D Analog Development for Cancer,” Pennsylvania State University Cancer Institute Community Clinical Trials Website, July 12, 2016. Yeich A, Blumling A, Crone N and Wilson RT.
12. “High school students take honors at science and engineering fair,” Pennsylvania State University iNews Express April 25th, 2016
13. “Students share why they take part clinical trials,” Pennsylvania State University Daily Collegian, February 12, 2016.
http://www.collegian.psu.edu/news/campus/article_4b9527b2-d10a-11e5-9840-0f27804abe19.html
14. “Colon Cancer and Vitamin D: Jury still out - new study results due 2017” Pennsylvania State University Cancer Institute Community Clinical Trials Website, July 12, 2016. Ottomano Etzel T and Wilson RT.
15. “Why We Need to Understand Vitamin D Metabolism in Diverse Population Groups,” Presentation to Kingdom Embassy Church, Harrisburg, Pennsylvania.
16. Member, National Research Mentoring Network (nrmnet.net), August 2015 to June 2019.
17. “Penn State College of Medicine launches doctoral program in public health,” September 18, 2015, <https://news.psu.edu/story/370754/2015/09/18/academics/penn-state-college-medicine-launches-doctoral-program-public>
18. “What Epidemiologists Do,” STEM Summit, Junior Achievement, Junior Achievement of Central PA, Betsi Zikmund, Programs Manager, Middletown Area High School, Middletown, PA, April 30th, 2015
19. “15 Minutes of Science: Genetic Differences in Vitamin D Metabolism,” Pennsylvania State University Department of Public Health Sciences, Faculty Meeting, March, Hershey, PA, April 8th, 2015
20. “Pennsylvania State University Hershey Med student program aims to solve mystery,” (WITF Radio) Harrisburg, PA: <http://www.witf.org/news/2013/01/penn-state-hershey-student-program-aims-to-solve-mystery.php>
21. “Event helps students think epidemiologically...about chocolate” Penn State News, January 10, 2013.
22. “Disease Detectives for a Day,” WPMT-TV (Fox 43 News), Lancaster, PA
23. “Local high school students learn about diseases using chocolate,” Report by Brandie Meng, WHP-TV (CBS 21), Lancaster, PA:

24. "Students are Health Detectives for a Day," Patriot News, and Capital Region Partnership for Career Development, Harrisburg, January 22, 2013
25. "Women seen at Indian Health Service clinics miss Healthy People 2010 goals for breast and cervical cancer screening," *AHRQ Research Activities* article, Gregory Stuppard, June 2012
26. "Smoking, Lead Levels and Renal Cell Carcinoma," Cathy Meeus, Project Editor, World's Best Kept Health Secrets, 41 Lorne Road, London N4 3RU
27. Middletown Area High School Senior Graduation Presentations, Faculty Judge, Middletown, PA, February 24, 2012
28. "Blood Levels Of Lead May Increase Smokers' Risk For Kidney Cancer" Medical News Today, <http://www.medicalnewstoday.com/releases/240687.php> Tweets (N=12): American Society of Nephrology, British Columbia Dental Hygienists Association, Metropolitan Urology (St. Louis, MO), Kidney Cancer Association (www.kidneycancer.org), The Latest In Nephrology (N. Delhi, India), January 25th, 2012
29. Fox 43 WPMT TV, "Detectives for a Day: Disease Scene Investigators 2012," Event News Coverage, January 10th, 2012
30. Interview with Jody A. Charnow, *Renal and Urology News*, "Increased Lead Exposure May Raise Kidney Cancer Risk," (www.renalandurologynews.com), January 04th, 2012
31. Interview with Barbara Blank, The Hummelstown Sun, regarding *DSI: Chocolatetown, a One Day Workshop on Epidemiology and Public Health for High School Students*, December 15th, 2010
32. Faculty Organizer for *Safer Water for the Bolivian Highlands: Engineers, Scientists and Medical Professionals Working Together*, Strosnider, WHJ, Saint Francis University, Loretto, PA, Global Culture Club, Pennsylvania State University College of Medicine, November 3rd, 2010
33. Interview with Valerie Pritchett, abc27 News, Harrisburg, "The Effects of Heavy Metals on Health Outcomes of Indigenous Bolivians: A Pilot Study," April 12th, 2010
34. "*Speaking Science*"--Middletown Area High School. Focus group discussions with High School students and scientists in the region, April 13th, 2010
35. *Infusing Public Health and Epidemiology Career Pathways and Education into the Capital Region*, Hummelstown Sun Newspaper, Sandy Eckert, March 2, 2010

36. Interview with Jody A. Charnow, *Renal and Urology News*, “Dietary Quercetin May Reduce Renal Cell Cancer Risk in Male Smokers,” (www.renalandurologynews.com), August 12, 2009
37. *Epidemiology in Public Health*, Presentation to the 2009 Partnership Leadership Academy, a consortium High School Educators among 26 Pennsylvania School Districts, June 10, 2009
38. Interview with Lena Ziegler for WVIA-FM regarding story on vitamin D, May 18, 2009
39. *Heavy Metals, Oxidative Stress and Renal Cell Cancer*, Presentation prepared for the Wisconsin State Laboratory of Hygiene, March 11, 2009
40. Interview with Bryant Furlow, *Lancet Oncology*, regarding story on American Indian and Alaska Native Health Disparities, August 18, 2008
41. Interview with Linda Espenshade, *Lancaster Intelligencer*, for “Cancer: What can you control?” March 6, 2008
42. Interview with Pamela Monk, *World of Difference* Program on “Racial and Ethnic Disparities in Health Care,” WPSU-FM and WPSU-TV, June 12, 2007
43. Community health outreach experience for first year medical students with Keystone Health (migrant laborers) and Pennsylvania Department of Health (Amish populations), Social Influences in Health Course, Pennsylvania State University College of Medicine, 2007, 2008. Role: Faculty organizer

Consulting

1. No-Cost Consultant, Derry Township Board of Supervisors, Resolution No. 1555, *Resolution of the Board of Supervisors of the Township of Derry, Dauphin County, Pennsylvania, Making Climate Change and the Mitigation of Greenhouse Gas Emissions an Ongoing Focus of the Township*, August 2018
2. Consultant, Florida A&M University, Research Centers in Minority Institutions, Karam F.A. Soliman (PI), June 2018
3. No-Cost Consultant, *CYP24A1* and *CYP3A43* in Endocrine Disorder Syndrome, Harper Health, Chicago, IL, November 2017
4. No-Cost Consultant, Rocky Mountain Tribal Epidemiology Center, Billings, MT, March 2016
5. No-Cost Consultant, *Successful Recruitment Strategies for a Study of Vitamin D*. Pennsylvania State University Hershey Cancer Institute, Gene Lengerich, Core Director, Hershey, PA, April 2012

6. Consultant, “Research on Factors Contributing to Breast and Cervical Cancer Outcomes Among American Indian Women in Montana,” Belcourt, G. (PI), Montana-Wyoming Tribal Leaders Council; Sub-project for *Building Health Services Research Capacity for Tribes in Montana and Wyoming* AHRQ R24 HS14034, January 2009 to August 2011
7. No-Cost Consultant, “Prostate Specific Antigen (PSA) Screening Patterns in AI/AN Men with Elevated PSA,” Tilburt, J. (PI), Mayo Clinic, Rochester, MN, May 2008 to June 2013
8. No-Cost Consultant, Electronic Records Review of Diabetes Audit, Richter, D. and Hayes, JM. (co-PIs), United South and Eastern Tribes, Inc., USET Tribal Epidemiology Center, Nashville, TN, May 2006
9. No-Cost Consultant, “Breast Screening Patterns Related to Mammography Adherence among Northern Plains Tribes American Indian Women,” Becker, S. (PI), University of South Dakota, May 2005 to November 2005
10. No-Cost Consultant, Department of Molecular and Cellular Physiology, Epidemiologic Cancer Cluster Investigation, Pennsylvania State University College of Medicine, July 2005 to September 2005

Post-Degree Training

Faculty Training and Certifications

1. Human Subjects Protection Re-Certification (www.citiprogram.org), August 2019
2. Mental Health First Aid USA Certification, National Council for Behavioral Health, January 2017
3. Office for Support in Learning and Teaching Excellence (SLATE), Educator Workshops, November 2015 and May 2016
4. The Alphabet Soup of NIH Training and Career Development Awards Workshop, Pennsylvania State University, April 7, 2014
5. Research Advising and Mentoring Workshop, Pennsylvania State University College of Medicine, September-November, 2012
6. Second Symposium on Translational Genomics, National Institutes of Health, March 15-16, 2012
7. Epigenomics of Common Diseases, Wellcome Trust Conference Centre, Hinxton, Cambridge, UK, September 13-16, 2011

8. Translating Genomic Research into Public Health Applications, National Office of Public Health Genomics, CDC, Webinar, April 9, 2010
9. Enhancing Teaching Skills Workshop, Pennsylvania State University College of Medicine, January 2010
10. Ethics in the Life Sciences, Pennsylvania State University College of Medicine, January-April 2010
11. Institute of Medicine, Committee on Dietary Reference Intakes for Vitamin D and Calcium Workshop, Washington, DC, August 4, 2009
12. New England Biolabs Workshop in Molecular Biology, Smith College, July 6-12, 2008
13. 1st NHGRI Conference on Haplotype Analysis of Population & Pedigree Data in Association Studies, Birmingham, AB, May 7-8, 2008
14. International Agency for Research on Cancer, Genetics Epidemiology: From Biological Resource Centers to Functional Studies, July 2007
15. Pennsylvania State University Haplotyping Methods Conference, Dr. Gary Chase, Director, February 2007
16. Pennsylvania State University Rural Interest Group Workshop, October 6, 2006
17. Fourth Annual Bioinformatics Workshop, Pennsylvania State University Center for Computational Genomics, June 2006
18. Grant Writers' Workshop, Dr. David C. Morrison, Pennsylvania State University, May 2006
19. Pennsylvania State University Biomedical Sciences Program, Ethics in Life Sciences (IBIOS 591), Spring 2010
20. Pennsylvania State University Biomedical Sciences Program, Information Flow, Cell and Systems Biology (BMS 503) Fall 2008
21. Time Management Course, Dr. Susan Johnson, Pennsylvania State University College of Medicine, April 2006
22. Effective Negotiation Skills, Dr. Diane Magrane, AAMC, March 2006
23. Pennsylvania State University Department of Public Health Sciences, Haplotyping Workshop, Dr. Wenlei Liu, October 2005
24. Pennsylvania State University Junior Faculty Development Program, September 2004 to May 2005

25. Effective Scientific Writing, Dr. Constance D. Baldwin, PhD, January 2005

Post-Doctoral Fellowship Training

1. Cancer Biotechnology, Center for Cancer Research, National Cancer Institute, Frederick, MD, May 2004
2. Cellular Immunology, Foundation for Advanced Education in the Sciences, National Institutes of Health, January to March 2004
3. Effective Negotiation Skills, Department of Health and Human Services, Rockville, MD, December 4, 2003
4. ArcGIS ESRI Federal User's Conference, Washington, DC, April 4, 2002
5. Spatial Analysis and Geographic Information Systems, Johns Hopkins School of Public Health (JHSPH), Frank Curriero, Director, Baltimore, MD, January to May 2001
6. Geostatistical Analysis, JHSPH, Peter Diggle and Paulo Ribiero, Directors, Baltimore, MD, July 23-27, 2001
7. Summer Curriculum in Cancer Prevention 2001, National Cancer Institute, Douglas Weed, Director, *Principles and Practice of Cancer Prevention and Control; Molecular Prevention*, Bethesda, MD, July 5-August 10, 2001
8. Principles of Oncology for Cancer Registry Professionals, National Cancer Institute, SEER Program, July 24-28, 2000

Presentations/Abstracts

Presentations are listed from 1999 to present. Dr. Wilson is the primary author/presenter, unless otherwise indicated.

Number	Date	Title
	mm.yy	
1.	04.19	<i>Tackling the epidemic of e-cigarettes in the US: A literature review.</i> Saxena S, Adhish SV, Akuley S, Müller D, Khesroh E, Wilson RT. Poster for National Public Health Week, Penn State College of Medicine, April 1-7 2019, Hershey, PA.
2.	01.19	<i>Translating Epidemiology to the Classroom: The Chocolate Town Workshop Template,</i> Wicked Device, LLC, January 24, 2019, Ithaca, NY.
3.	11.18	<i>Understanding Risks of Environmental and Occupational Heavy Metal Exposures: The Role of Epidemiology and Systematic Reviews,</i> III Encuentro Internacional de Ingenieria y II Simposio Internacional de Gestion Ambiental, Corhuila University, November 15, 2018, Neiva, Huila Department, Colombia.

4. 11.18 *The Use of Epidemiology in Estimating Disease Risk*, Workshop on Epidemiology and Engineering, Corhuila University, November 14th, 2018, Neiva, Huila Department, Colombia.
5. 11.18 *Health Disparities in Environmental Heavy Metals Exposure and Cancer Risk*, Department of Epidemiology and Biostatistics, College of Public Health, Temple University, November 1, 2018, Philadelphia, PA.
6. 08.18 *NCI's Provocative Research Questions*, Discussant, Pennsylvania State University Cancer Institute Retreat, August 7, 2018, Hershey, PA.
7. 08.18 *Ethics, Epidemiology, and Community Health Planning and Policy Development Joint Policy Training Webinar*, Lowe A, White-Williams C, Wilson RT. American Public Health Association, August 1, 2018.
8. 04.18 *Genetic Variation in Association with Dihydroxyvitamin D₃ Metabolites*, Pennsylvania State University Department of Public Health Sciences Seminar, April 18th, 2018, Hershey, PA.
9. 04.18 *Public Health Workforce Training Interests in Central Pennsylvania*, Geyer N, LaRegina C, Weand C, Wilson RT. Pennsylvania Department of Health Conference on Understanding Public Health in Pennsylvania: A Retrospective Review and Forecast for the Coming Year, April 3, 2018, Lancaster, PA.
10. 03.18 *Epidemiology Careers*, Presentation to Epidemiology Shadow Day Participants, Pennsylvania State University College of Medicine, March 26th, 2018, Hershey, PA.
11. 11.17 *Wade Hampton Frost Award*, remarks on behalf of awardee Jonathan M. Samet, Epidemiology Section of the American Public Health Association, Monday, November 6, 2017, Atlanta, GA.
<https://apha.confex.com/apha/2017/meetingapp.cgi/Session/52677>
12. 11.17 *Careers in Academic Epidemiology*, Epidemiology Section of the American Public Health Association, Monday, November 6, 2017, Atlanta, GA.
<https://apha.confex.com/apha/2017/meetingapp.cgi/Session/52717>
13. 04.17 Statement in Support of the Going to Zero Campaign, International Joint Policy Committee of the Societies of Epidemiology, Tuesday, April 25th, 2017, Harrisburg, PA. <http://www.pagreencolleges.org/GoingtoZero>
14. 04.17 *Public Health vs. Population Health: Can we have an impact?* Pennsylvania State University TCORS/Woodward Symposium Modeling Tobacco-Related Toxicology in a Changing Environment, April 21st, 2017, Hershey, PA.

15. 02.17 *Variation in Vitamin D Biomarkers: What is the Contribution of Genetic and Environmental Factors?* Pennsylvania State University Nutritional Sciences Colloquium, February 20th, 2017, State College, PA.
16. 02.17 *E-Cigarettes and Vitamin D Biomarkers*, Pennsylvania State University Department of Public Health Sciences, Epidemiology Division Colloquium, February 15th, 2017, Hershey, PA.
17. 11.16 *Genetic Ancestry, Genetic Variants and Vitamin D Biomarkers*, Pennsylvania State University College of Medicine, Research Quality Assurance Lecture Series, November 16th, 2016, Hershey, PA.
18. 06.16 *Exposures in a Mining-Impacted Region in Bolivia*, Pennsylvania State University College of Medicine, Rodale Institute Seminar, June 14th, 2016, Hershey, PA.
19. 05.16 *Recent Controversies in Vitamin D Biomarkers*, Pennsylvania State University College of Medicine, Department of Public Health Sciences, Division of Epidemiology Seminar, May 10th, 2016, Hershey, PA.
20. 06.15 *The Importance of Epidemiology*. The Epidemiology Challenge Gala Symposium, June 19th, 2015, the State Museum of Pennsylvania, Harrisburg, PA.
21. 03.15 *Why We Need to Understand Vitamin D Metabolism in Diverse Population Groups*, Presentation to Parents and Children Together (PACT) Community Research Coalition, February 23, 2015, Harrisburg, PA.
22. 02.15 *The Epidemiology Challenge Update*. Parent outreach on NIH Project Status at partner schools: Cedar Cliff, Lower Dauphin, Middletown Area, John Harris and SciTech High Schools, presented at respective schools in the Harrisburg, PA region.
23. 12.14 *Pathobiology of Cancer Journal Club Presentation—Vitamin D Metabolism and Immune Function*, Pennsylvania State University College of Medicine, Department of Pathology, December 17th 2014, Hershey, PA.
24. 11.14 *Threats to the Mission of Public Health as International Governments Dismantle/Erode the Census*, discussant and session organizer for APHA Special Invited Session with speakers Soskolne C, Cramer S, Cork D, Sheikh M, and Sparks P. 142nd Annual Meeting of the American Public Health Association, November 17th, 2014, New Orleans, LA.
25. 11.14 *Engaging Youth for Careers in Sciences and Public Health*. Perry-Smith R, Kaelin MA, Huebner WW, Wilson RT. 142nd Annual Meeting of the American Public Health Association, November 17th, 2014, New Orleans, LA.

26. 11.14 *Overview of the Pennsylvania State University DrPH Program in Development*, Pennsylvania State University Public Health Program Community Advisory Board, November 6th, 2014, Hershey, PA.
27. 10.14 *Genetic Polymorphisms in CALB1 and CYP27B1 in Association with an Active Vitamin D Metabolite among Healthy African American and Caucasian American Participants*. Wilson RT, Battaglioli EJ, Dai PJ, Nelson K, Ottomano TM. American Institute for Cancer Research, October 30th, 2014, Washington, DC.
28. 10.14 *A Sensitive and Cost Effective Method for Determination of 1 α ,25-Dihydroxylvitamin D₃ in Human Plasma*. Dai JP, Xu A, Battaglioli EJ, Stanley BA, Wilson RT. Molecular Epidemiology Working Group, Pennsylvania State University Cancer Institute, October 10th, 2014, Hershey, PA.
29. 09.14 *Biomarkers of vitamin D metabolism in diverse population groups: Research related to gaps in research identified by the Institute of Medicine (IOM)*. Pennsylvania State University Molecular Epidemiology Working Group, September 10, 2014, Pennsylvania State University Cancer Institute, Hershey, PA.
30. 08.14 *Early Preparation and Inspiration for Careers in the Biomedical Sciences (EPIC)*, NIH Interventions Conference, August 14-15, 2014, San Diego, CA.
31. 06.14 *Development of an Ultrasensitive Microflow LC/MS/MS Method for Vitamin D Metabolites Analysis Using Amplifex Diene Derivatization Reagent*. Dai J, Subhakar D, Battaglioli EJ, Stanley B, Wilson RT. American Society for Mass Spectrometry, June 15-19, 2014, Baltimore, MD.
32. 05.14 Junior Faculty Development Program 2014 Commencement Speaker, Pennsylvania State University College of Medicine, May 29, 2014, Hershey, PA.
33. 05.14 College of Medicine Awards Ceremony, Presentation of Public Health Awards, Pennsylvania State University College of Medicine, May 17, 2014, Hershey, PA.
34. 03.14 *Biomarkers of the Food Environment: The Case of Vitamin D*. 2014 Healthy Kids in Healthy Communities Conference, Loma Linda University, March 4, 2014, Loma Linda, CA.
35. 11.13 *Polymorphisms in CYP24A1 and CYP3A43: possible effect modification by the vitamin D binding protein and vitamin D receptor*. Archibeque LD, Barnholtz-Sloan J, Battaglioli EJ, Salzberg AC, Wilson RT. American Institute for Cancer Research, November 7, 2013, Washington DC.

36. 11.13 *Lifetime Career Award Presentation to Dr. Al Sommer*, American Public Health Association Annual Meeting, November 4th, 2013, Boston, MA.
37. 08.13 *Early Preparation and Inspiration for Careers in the Biomedical Sciences (EPIC): Study Purpose and Design*. Interventions 2013 Progress Report Meeting NIH NIGMS, August 15th and 16th, 2013, San Diego, CA.
38. 07.13 *Biomarkers of Vitamin D Metabolism in Diverse Population Groups*. Pennsylvania Department of Health, Bureau of Epidemiology Speaker Series, July 9, 2013, Harrisburg, PA.
39. 03.13 *Differences in Vitamin D Metabolites due to the Ancestral Genetics of CYP3A43 and CYP24A1*. Archibeque LD, Barnholtz-Sloan J, Hartman T, Wilson RT. Pennsylvania State University Graduate Exhibition, March 24, 2013, State College, PA.
40. 01.13 Moderator, *Communication/Negotiation Skills Panel, Association for Women in Science, 2013 AWIS Career Event*, January 25, 2013, Hershey, PA.
41. 01.13 *Welcome and Introductions, Disease Scene Investigators (DSI): Chocolate Town 2013*, January 10th, 2013, Hershey, PA.
42. 10.12 *Lifetime Career Award Presentation to Dr. Roberta Ness*, American Public Health Association Annual Meeting, October 29th, 2012, San Francisco, CA.
43. 09.12 *The Institute of Medicine (IOM) 2011 Report on Dietary Reference Intakes for Calcium and Vitamin D: A role for the genetics of vitamin D metabolism*, Pennsylvania State University Department of Nutritional Sciences, September 17, 2012, State College, PA.
44. 07.12 *Genetic Factors Related to Serum Vitamin D Status*, Pennsylvania State University College of Medicine, SEPA-CREST Program, July 17, 2012, Hershey, PA.
45. 04.12 *The Effects of Heavy Metals in Potato Crops on the Renal Function of Indigenous Bolivians*, Das R, Farag S, Wilson RT. Pennsylvania State University College of Medicine, Medical Student Research Symposium, April 13, 2012, Hershey, PA.
46. 03.12 *The Effect of Cigarette Smoking, Race, and Gender Genetic Ancestry on in Association with Plasma Vitamin D-Binding Protein in Healthy African Americans and Caucasian Americans*, Wilson RT, Bortner J, Berg A, Roff A, Das A, Richie J, Barnholtz-Sloan J, El-Bayoumy K. American Association of Cancer Research, March 31, 2012, Chicago, IL.

47. 03.12 *Heavy Metals and Kidney Cancer*. Pennsylvania Department of Health Quarterly Epidemiology Meeting, March 22, 2012, Hershey, PA.
48. 03.12 *Heavy Metals Bioaccumulation and Genetic Variants in Renal Cell Cancer*. Pennsylvania State University Hershey Cancer Institute, Chemoprevention and Carcinogenesis Program, March 8, 2012, Hershey, PA.
49. 01.12 *Maximizing Productivity in Environments of Relative Inertia*. Association for Women in Science (AWIS), Pennsylvania State University College of Medicine, January 26th, 2012, Hershey, PA.
50. 01.12 *Genetic and Environmental Risk Factors for Kidney Cancer*, Pennsylvania State University Hershey Cancer Institute Interdisciplinary Conference, January 17, 2012, Hershey, PA.
51. 06.11 *Genetic Ancestry, Skin Reflectance and Pigmentation Genotypes in Association with Serum Vitamin D Metabolite Balance*. 3rd North American Congress of Epidemiology, June 21, 2011, Montreal, Canada.
52. 05.11 *Genetic Ancestry, Skin Reflectance and Pigmentation Genotypes in Association with Serum Vitamin D Metabolite Balance*. Pennsylvania State University College of Medicine Departments of Medicine and Public Health Sciences Research Day, May 31, 2011, Hershey, PA.
53. 04.11 *Genetic Factors Related to Serum Vitamin D Status*. Presentation to Pennsylvania State University Department of Nutrition, Nutrition Epidemiology (NUTR 597B) Course, Dr. Terry Hartman, Course Director, April 14, 2011, State College, PA.
54. 12.10 *The Kaleidoscope Principle*. Presentation to the DSI (Disease Scene Investigators): Chocolate Town, A One-Day Workshop for High School Students in Epidemiology and Public Health, Pennsylvania State University, December 15th, 2010, Hershey, PA.
55. 12.10 *Genetic Factors Related to Serum Vitamin D Status*. East Stroudsburg University Master's in Public Health Program, Epidemiology Course, Dixon Center, Dr. Steven Godin, Course Director, December 4, 2010, Harrisburg, PA.

56. 11.10 *Serum Vitamin D Status in Normal versus Class I, II and III Obesity, NHANES 2003-2006*, Veldheer S, Wilson RT. Presentation to the Pennsylvania State University Obesity Forum, November 10th, 2010, University Park, PA. — poster.
57. 10.10 *The Effects of Heavy Metals in Potato Crops on Health Outcomes of Indigenous Bolivians* Das R, Farag S, and Wilson RT. Facing the Four Elements: Developing a Transatlantic Approach to Sustainability, October 28-30th, 2010, New York, NY.—poster.
58. 10.10 *Calcium, Lead, and Renal Cell Carcinoma Risk* Southard EB, Roff AN, Fortugno T, Richie JP, Chinchilli VM, Albanes D, and Wilson RT. American Institute of Cancer Research Annual Meeting, October 21-22nd, 2010, Washington, DC. —poster.
59. 09.10 *Do Heavy Metals Cause Renal Cell Cancer?* University of Colorado School of Public Health, September 26th, 2010, Denver, CO.
60. 09.10 *Genetic Ancestry and Skin Reflectance in Association with Serum Vitamin D Metabolites*. 1st Annual Hormone Molecular Biology and Clinical Investigation Journal Symposium, September 11-14th, 2010, Seefeld, Austria.
61. 05.10 *Fish, Heavy Metals and Renal Cell Cancer*. Center for Environmental Health Sciences Lecture Series, University of Montana, May 20th, 2010, Missoula, MT.
62. 04.10 *Vitamin D Status and Skin Melanin Index in Healthy Participants* Grove G, Wilson RT, Hartman T, Shriver M. From Bench to Bedside: Hampton University Skin of Color Research Institute 2010 Symposium, April 30th, 2010. Williamsburg, VA.
63. 04.10 *Molecular Epidemiology*, Pennsylvania High School Youth Academy, Pennsylvania State University College of Medicine, April 6, 2010, Hershey, PA.
64. 03.10 *Closing Remarks*, Northeast Regional Epidemic Intelligence Service Officer's Conference, Pennsylvania State University College of Medicine, March 24, 2010, Hershey, PA.
65. 01.10 *Cancer and Vitamin D*, Pennsylvania State University College of Medicine, Oncology Fellow Grand Rounds, January 27, 2010, Hershey, PA.
66. 12.09 *Genetic Factors Related to Serum Vitamin D Status*, Pennsylvania State University Nutrition Sciences Program, December 7, 2009, State College, PA.
67. 11.09 *Developing an Ultra-sensitive LC/MS/MS Method for Vitamin D and its Metabolites using Diels-Alder Derivatization*, Dai J, Wilson RT, Stanley B.

Pennsylvania State University Cancer Institute, Molecular Epidemiology Working Group, November 16, 2009, Hershey, PA.

68. 10.09 *The Effects of Heavy Metals in Potato Crops on Health Outcomes of Indigenous Bolivians*, Das R, Farag S, Wilson RT. Water Technologies for Emerging Regions (WaTER) Conference, University of Oklahoma, October 26, 2009, Norman, OK.
69. 08.09 *Variation in the Meprin Gene and Risk of Inflammatory Bowel Disease*, Martinez A, Roff A, Matters G, Wilson RT. Pennsylvania State University College of Medicine, Summer Student Colloquia, August 6, 2009, Hershey, PA.
70. 04.09 *Vitamin D and Racial/Ethnic Cancer Disparities*, Lincoln University Department of Biology, March 11, 2009, Lincoln, PA.
71. 04.09 *Heavy Metals, Oxidative Stress and Renal Cell Cancer*, Stanton N, Wilson RT. Wisconsin State Laboratory of Hygiene, March 2009, Madison, WI.
72. 02.09 *Heavy Metals, Oxidative Stress and Renal Cell Cancer*, East Stroudsburg University, Dixon University Center, Steve Godin, Course Director. Harrisburg, PA, February 21, 2009.
73. 01.09 *MSR Opportunities*, Pennsylvania State University College of Medicine Rural Interest Group, January 20, 2009, Hershey, PA.
74. 11.08 *Studying Vitamin D and Racial/Ethnic Differences in Cancer: A Pathway Approach*, Roff A, Wilson R. Molecular Epidemiology Working Group, Pennsylvania State University College of Medicine, November 24, 2008, Hershey, PA.
75. 11.08 *Breast and cervical cancer screening of American Indian women in Montana and Wyoming*, Kasicky K, Hemlock B, Giroux J, Wilson RT. 136th Annual Meeting of the American Public Health Association, American Indian, Alaska Native, Native Hawaiian Health Caucus, October 26, 2008, San Diego, CA. – poster.
76. 08.08 *Heavy Metals, Oxidative Stress and Renal Cell Cancer*, Wilson RT, Roff A, Albanes D, Richie JP. Pennsylvania State University Cancer Institute, Cancer Control and Population Sciences Program, August 21, 2008, Hershey, PA.
77. 06.08 *Fish Intake and Risk of Kidney Cancer*, Wilson RT, Knepp K. National Tribal Conference on Environmental Management, June 25, 2008, Billings, MT.
78. 05.08 *Breast and Cervical Cancer Screening of American Indian women in Montana and Wyoming*, Kasicky K, Hemlock B, Giroux J, Wilson RT. Pennsylvania

State University College of Medicine Student Research Symposium, Best Student Paper Award Presentation, May 2008. Hershey, PA,

79. 03.08 *Does Vitamin D Prevent Cancer?* Pennsylvania State University Hershey Cancer Institute Annual Public Forum: Our Environment and Cancer Risk, March 15, 2008, Hershey, PA,
80. 01.08 *Critically Assessing Case-Control Study Results*, Pennsylvania State University College of Medicine, Epidemiology Islands, January 8, 2008, Hershey, PA.
81. 11.07 *Self-reported race, skin reflectance, and genetic ancestry in association with serum vitamin D*, Wilson RT, Roff A, Wang K, Hartman T, Chase GA, Frudakis T, Demers L, Shriver MD. Pennsylvania State University Cancer Institute Annual Meeting, November 29, 2007, Hershey, PA. —poster.
82. 11.07 *How Congressional Staffers Translate Research for Policy Makers*, 135th Annual Meeting of the American Public Health Association, Epidemiology Section, Panelists: Lister S, Cha S, Chang O. Discussants/Organizers: Wilson RT, Hirshon JM, Bancroft E, Hoppert D. November 5, 2007, Washington, DC.
83. 11.07 *Colon Cancer in Pennsylvania: Predictors of County-Level Incidence and Geographic Clustering*, Wilson RT, Liu Y, Lehman E, Lengerich E. 135th Annual Meeting of the American Public Health Association, Epidemiology Section, November 5, 2007, Washington, DC.
84. 09.07 *Mapping and Cancer Disparities*, Annual Meeting of the Appalachian Community Cancer Network, September 28, 2007, Hershey, PA.
85. 06.07 *Self-reported race, skin reflectance, and genetic ancestry in association with serum vitamin D*, Wilson RT, Roff A, Wang J, Hartman T, Chase GA, Frudakis T, Demers L, Shriver MD. American Association for Cancer Research, Complex Pathways in Molecular Epidemiology, June 1, 2007, Albuquerque, NM. —poster.
86. 05.07 *Studying Vitamin D and its Role in Renal Cell Cancer: A Pathway Approach*, Roff A, Wilson RT. Pennsylvania State University College of Medicine, Molecular Epidemiology Working Group, May 13, 2007, Hershey, PA.
87. 04.07 *Cancer Health Disparities Among Native Americans*, Pennsylvania State University College of Health and Human Development, Department of Health Policy Administration Colloquium, April 30, 2007, State College, PA.
88. 03.07 *Vitamin D and Genetic Ancestry*, Pennsylvania State University Biochemistry and Molecular Biology Department Colloquia, Hershey, PA, March 26, 2007.

89. 03.07 *Addressing Breast and Cervical Cancer Screening and Treatment Disparities in the Billings Area*, Rocky Mountain Tribal Epidemiology Center, Billings, MT, March 16, 2007.
90. 02.07 *Functional Vitamin D Receptor Gene Variants and Racial/Ethnic Cancer Disparities*, Pennsylvania State University Molecular Epidemiology Working Group, Hershey, PA.
91. 09.06 *Vitamin D, Fish Intake, and Renal Cell Cancer Risk in Finland*, Pennsylvania State University Department of Nutrition Sciences Colloquia, State College, PA.
92. 08.06 *Multiple Kidney Cancer Risk Among African Americans and Whites in the US, 1973-2000*, Pennsylvania Department of Health, Epidemiology and Public Health Journal Club, Harrisburg, PA.
93. 06.06 *Supplementary and Dietary Vitamin D and Renal Cell Cancer Risk*, Wilson RT, Wang J, Chinchilli V, Richie JP, Moore LE, Albanes D. American Institute for Cancer Research Annual Meeting, Washington DC. —poster.
94. 04.06 *Renal Cell Cancer and Vitamin D Intake*, Pennsylvania State University Hershey Cancer Institute, Cancer Prevention and Control Program, Hershey, PA.
95. 04.06 *Sources of Data for Clinical Research*, Junior Faculty Development Program, Pennsylvania State University College of Medicine, April 5, 2006, Hershey, PA,
96. 02.06 *Supplementary and Dietary Vitamin D Intake and Renal Cell Cancer Risk*, Wilson RT, Wang J, Chinchilli V, Richie JP, Moore LE, Albanes D. American Society for Preventive Oncology, February 27-28, 2006, Bethesda, MD. — poster.
97. 02.06 *Ascending versus Descending Colon Cancer Incidence in Pennsylvania, 1994-2002*, Liu Y, Wilson RT, Lengerich E. American Society for Preventive Oncology, February 27, 2006, Bethesda, MD. —poster.
98. 12.05 *Lifestyle Factors, Exposures, Genetic Susceptibility and Renal Cell Cancer*, Pennsylvania State Department of Health, Division of Epidemiology, December 20, 2005, Harrisburg, PA.
99. 12.05 *Risks among cases and controls in the Alpha-Tocopherol Beta Carotene Study*, Jones T, Wilson RT, Moore LE, Albanes D. 133rd Annual Meeting of the American Public Health Association, Epidemiology Section, Philadelphia, PA. —poster.

100. 10.05 *The Vitamin D Receptor Pathway: Do haplotype combinations predict phenotype?* Roff A, Wilson RT. Pennsylvania State University Cancer Institute, Molecular Epidemiology Working Group, October 18, 2005, Hershey, PA.
101. 10.05 *Multiple Kidney Cancer Risk Among African Americans and Whites in the US, 1973-2000*, Pennsylvania State University Department of Biobehavioral Health, College of Health and Human Development, October 10, 2005, State College, PA.
102. 09.05 *Choosing a Mentor*, Pennsylvania State University Junior Faculty Development Program, September 2, 2005, Hershey, PA.
103. 05.05 *Parental Pesticide Exposure and Leukemia Risk*, Wilson RT, Moore LE, Stewart P, Dyer AM, Shu XO, Robison L. Pennsylvania State University Cancer Institute, May 25, 2005, State College, PA.
104. 04.05 *The potential role of vitamin D in renal cell carcinogenesis*, Pennsylvania State University College of Medicine, Department of Health Evaluation Sciences Seminar Series, Hershey, PA.
105. 11.04 *Occupation in relation to cancers of the bladder and renal pelvis in Sweden*, Wilson RT, Donahue M, Gridley G, El Ghormli L, Dosemeci M, Silverman D. 132nd Annual Meeting of the American Public Health Association, Washington, DC. —poster
106. 11.04 *Geographic, demographic and primary care patterns in relation to stage at diagnosis among American Indian cancer patients in New Mexico and Arizona*, Wilson RT, Cobb N, Key C, Torner J. 132nd Annual Meeting of the American Public Health Association, Washington, DC.
107. 11.03 *Salivary gland cancer mortality in relation to occupational exposure among African American and white workers in the United States*, Wilson RT, Moore LE, Dosemeci M. 131st Annual Meeting of the American Public Health Association, San Francisco, CA.
108. 11.03 *Cancer disparities of American Indians/Alaska Natives in the southwestern U.S. and Alaska*, Key C, Lanier A, Kelly JJ, Miller B, Wilson RT, Edwards BK. 131st Annual Meeting of the American Public Health Association, San Francisco, CA.
109. 09.03 *Salivary gland cancer mortality in relation to occupational exposure among African American and white workers in the United States*, Wilson RT, Moore LE, Dosemeci M. Annual Meeting of the American College of Epidemiology, September 6-9, 2003 Chicago, IL. —poster.
110. 06.02 *Kidney Cancer Incidence in Relation to Water Source Type Among American Indian, Hispanic and White Racial/Ethnic Groups In New Mexico, 1989-1998*,

- Wilson RT, Ward MH, Pickle LW. Society for Epidemiologic Research, Palm Desert, CA.
111. 06.02 *Assessing and Improving the Quality of Cancer Surveillance Data for American Indians in the Surveillance, Epidemiology, and End Results (SEER) Program*, Wiggins CL, Espey D, Key CR, Darling R, Davidson AM, Puckett LL, Miller B, Wilson RT, Edwards BK. Meeting of the North American Association of Central Cancer Registries, Toronto, Canada.
112. 10.01 *Cancer among American Indians and Alaska Natives in the US: High variability in epidemiologic patterns and environmental risk factors*, Biology Department, Gettysburg College, Gettysburg, PA.
113. 04.01 *Spatial Association Between Renal Cancers and Toxic Release Inventory Sites, New Mexico 1989-98*, NCI Surveillance Research Program, Spatial Modeling Working Group, Linda Pickle, Director, Bethesda, MD.
114. 03.01 *Employing GIS and Administrative Databases in Epidemiologic Research: Distance, Comorbidity and Utilization in Relation to Stage at Diagnosis among American Indians in the Southwest*, US Army Medical Surveillance Activity Division, Walter Reed Army Medical Center, Jeff Lange, Coordinator, Washington, DC.
115. 11.00 *Falls and Injury Among Community-dwelling Elders in the US: The Role of Economic Status*, Wilson RT, Nichols SLB, Wallace RB. 128th Annual Meeting of the American Public Health Association, Boston, MA.
116. 11.00 *Racial/ethnic Differences in Female Breast Cancer Treatment Patterns Using SEER-Medicare Linked Data: New Mexico and Arizona, 1987-1996*, Wilson RT, Burhansstipanov L, Warren J, Cobb N, Key C. 128th Annual Meeting of the American Public Health Association, Boston, MA.
117. 11.00 *Patterns of Care Among Native American Cancer Patients: Final Report*. Network for Cancer Research among American Indian and Alaska Natives, Judith Kaur, Chair, Rochester, MN.
118. 04.00 *Patterns of Care Among Native American Cancer Patients: Progress to Date and Breast Cancer Treatment Pattern Results*, Wilson RT, Cobb N. NCI Colloquium on Cancer Information in Indian Country, Lillian Tom-Orme, Director, Albuquerque, NM.
119. 10.99 *Patterns of Care Among Native American Cancer Patients: Validation Study Results* Wilson RT, Cobb N. Network for Cancer Research among American Indian and Alaska Natives, Judith Kaur, Chair, Rochester, MN.
120. 09.99 *New H. pylori Infection Risk in American Indian Children: Plan of Study* Wilson RT, Mysliwiec P. Presentation to the Inter-tribal Council of Arizona (ITCA), Alida Montiel, ITCA Research Program Coordinator, Phoenix, AZ.

121. 04.99 *Patterns of Care Among Native American Cancer Patients: Age as a Risk Factor for Late Stage at Diagnosis*, Wilson RT, Cobb N, Key C. 11th Annual Indian Health Service Research Conference, Albuquerque, NM.