

Curriculum Vitae

**Robin Taylor Wilson, MA, PhD**

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**Education and Training**

- 1987-1991 BS, Political Science. Mathematics minor.  
Drake University. Des Moines, Iowa.
- 1993-1995 MA, Geography. Demography certificate.  
University of Colorado. Boulder, Colorado.
- 1995-2000 PhD, 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
- 2000-2002 Post-Doctoral Fellow, National Cancer Institute, National Cancer Institute,  
Division of Cancer Control and Population Sciences, Surveillance Research  
Program
- 2002-2004 Post-Doctoral Fellow, National Cancer Institute, Division of Cancer  
Epidemiology and Genetics, Occupational and Environmental Epidemiology  
Branch

**Research Interests**

1. Molecular epidemiology
2. Renal cell cancer
3. Biomarkers of vitamin D status
4. Health disparities
5. Epidemiology education

**Courses Taught**

*Molecular Epidemiology of Chronic Disease* (PHS 552), Department of Public Health Sciences,  
Pennsylvania State University College of Medicine, 2006 to present.

*Principles of Epidemiology* (PHS 550), Department of Public Health Sciences, Pennsylvania State University College of Medicine, 2012 to 2014.

*Social Influences on Health*, Department of Family and Community Medicine, Pennsylvania State University College of Medicine, 2007 to 2010.

*Integrative Seminar in Public Health Policy* (PHS 576), Department of Public Health Sciences, Pennsylvania State University College of Medicine, 2017 to present.

## Professional Experience

08.2014 to present Director, Penn State Doctor of Public Health (DrPH) Program  
Hershey, PA

09.2004 to present Associate Professor (tenure received July 1, 2010)  
Division of Epidemiology  
Department of Public Health Sciences  
Pennsylvania State University College of Medicine  
Penn State Cancer Institute  
Hershey, PA

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>  
Aaron Blair, PhD, Chief  
Bethesda, MD

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, MD

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, NM

- 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, IA
- 02.2000 to  
06.2000                      Research Assistant  
Clinical Prevalence of *H. pylori* Infection  
Indian Health Service, Whiteriver Service Unit  
Whiteriver, AZ
- 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, NM
- 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, IA
- 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, IA
- 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, IA
- 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, IA

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

### **Honors, Awards and Special Scientific Recognition**

#### Penn State University

- Chair, Epidemiology Section of the American Public Health Association, 2013-2015  
Inaugural Dean's Diversity Champion Award, Penn State College of Medicine, January 2012  
Delta Omega Honorary Society in Public Health, Alpha Phi Chapter, University of Iowa, April 2011  
Samuel F. Hinkle Outstanding Young Investigator Award Finalist, Penn State Hershey College of Medicine, February 2010  
National Institutes of Health, Career Development Award (K22), 2008-11  
Outstanding Mentor Award, Medical Student Association, Penn State University College of Medicine, 2008  
Regional Judge, Young Epidemiology Scholars, Robert Wood Johnson, April 2006 to April 2011  
Faculty Affiliate, Penn State University Center for Population Health and Aging, September 2006 to present  
Pew Scholars Program in the Biomedical Sciences Nominee for the Penn State University College of Medicine, September 2005  
Governing Councilor, American Public Health Association, elected to serve August 2005 to November 2009  
Faculty Affiliate, Penn State University Population Research Institute, September 2005 to present

#### University of Iowa

- Laurence G. Branch Doctoral Student Research Award, American Public Health Association, Gerontological Health Section, 2000  
Student Research Travel Award, Epidemiology Section, American Public Health Association, 2000

E. Peter Isaacson Cancer Epidemiology Scholarship, University of Iowa, 2000  
University of Iowa College of Public Health, Department of Epidemiology, Academic Achievement Award, 2000  
University of Iowa Department of Preventive Medicine, Academic Scholarship Award, 1996  
University of Iowa Center for International Rural and Environmental Health Grant Award: 'Infant Visual Acuity in Relation to Nutrition in an Endemic Malarial Region', 1996  
Foreign Language Areas Studies Grantee, 1996  
Southeast Asian Summer Studies Institute Academic Scholarship, Thai Language, Arizona State University, 1996

#### Drake University

Phi Beta Kappa  
Omicron Delta Kappa  
Mortar Board  
Phi Eta Sigma Freshman Honor Fraternity  
College Honors Program  
E. Cameroon Women in Mathematics Scholar  
Mathematical Association of America, Iowa Section, 1991 Best Presentation Award  
Drake University Presidents' Scholar  
Magna Cum Laude  
Student Senator for the College of Arts and Sciences, 1989-90

#### **Additional Training**

##### Penn State University College of Medicine

Office for Support in Learning and Teaching Excellence (SLATE), Educator Workshops, November 2015, May 2016.  
The Alphabet Soup of NIH Training and Career Development Awards Workshop, Penn State, April 7, 2014.  
Research Advising and Mentoring Workshop, Pennsylvania State University College of Medicine, September-November, 2012  
Second Symposium on Translational Genomics, National Institutes of Health, March 15-16, 2012  
Epigenomics of Common Diseases, Wellcome Trust Conference Centre, Hinxton, Cambridge, UK, September 13-16, 2011  
Translating Genomic Research into Public Health Applications, National Office of Public Health Genomics, CDC, Webinar, April 9, 2010  
Enhancing Teaching Skills Workshop, Penn State College of Medicine, January 2010  
Ethics in the Life Sciences, Penn State College of Medicine, January-April 2010  
Institute of Medicine, Committee on Dietary Reference Intakes for Vitamin D and Calcium Workshop, Washington, DC, August 4, 2009  
New England Biolabs Workshop in Molecular Biology, Smith College, July 6-12, 2008  
1<sup>st</sup> NHGRI Conference on Haplotype Analysis of Population & Pedigree Data in Association Studies, Birmingham, AB, May 7-8, 2008  
NIH Special Conference: *Vitamin D and Health in the 21st Century—An Update*, September 5–6, 2007

International Agency for Research on Cancer, Genetics Epidemiology: From Biological Resource Centers to Functional Studies, July 2007:  
[http://www.iarc.fr/ENG/Training\\_Courses/prog2007.php](http://www.iarc.fr/ENG/Training_Courses/prog2007.php)  
Penn State University Haplotyping Methods Conference, Dr. Gary Chase, Director, February 2007  
Penn State University Rural Interest Group Workshop, October 6, 2006  
Fourth Annual Bioinformatics Workshop, Penn State University Center for Computational Genomics, June 2006  
Grant Writers' Workshop, Dr. David C. Morrison, May 2006  
Time Management Course, Dr. Susan Johnson, April 2006  
Effective Negotiation Skills, Dr. Diane Magrane, AAMC, March 2006  
Penn State University Department of Public Health Sciences, Haplotyping Workshop, Dr. Wenlei Liu, October 2005  
Penn State University Junior Faculty Development Program, September 2004 to May 2005  
Effective Scientific Writing, Dr. Constance D. Baldwin, PhD, January 2005

Fellow, National Cancer Institute

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

**Professional Memberships—Current and Past**

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)

### **Community Service and Peer-Review Panels**

Ad Hoc Member, NIH Arthritis, Connective Tissue and Skin (ACTS) Study Section, June 14-15, 2016

Ad Hoc Member, NIH Arthritis, Connective Tissue and Skin (ACTS) Study Section, October 13-14, 2015

Member, Healthy & Wise Central PA Task Force, The Foundation for Enhancing Communities, Harrisburg, PA (<http://www.tfec.org/healthywise/>) April 2014 to present

Pennsylvania State University College of Health and Human Development Biological Mechanisms Underlying Health and Development Seed Grant Program Reviewer, 2014

NIH, AHRQ Review Panel, "PAR-10-022, Partnerships in Implementing Patient Safety II (R18), June 2013

Promotion Review, University of Texas Medical Branch, 1 Faculty Member, 2013

Promotion and Tenure Review, Virginia Commonwealth University, 1 Faculty Member, 2011

3<sup>rd</sup> North American Congress of Epidemiology, Career and Student Award Review Committee 2010-2011

American Public Health Association, Epidemiology Section Awards Committee Chair, 2009-2011

Department of Defense Congressionally Directed Medical Research Program (CDMRP) Prostate Cancer Grant Review Panel, July 2007; September 2008

NIH, NIDDK Review Committee, "Clinical Study of Vesicoureteral Reflux in Children," RFA-DK-04-019, August 2005

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 Committee  
2003 and 2006

Epidemiology Section Abstract Review Committee, 2004 and 2008

Epidemiology Section Career Award Review Committee, 2009-2011

Governing Council, Policy Statement Review, 2005 to 2008;

Governing Council Epidemiology Whip, 2006-2007

Special Sessions Review Committee, 2012-2013

#### *Frontiers in Applied Genetic Epidemiology*

Journal Review Editor, January 2011 to present

#### Penn State Public Health Day Symposium

Abstract Review Committee Chair, 2014-2015

12<sup>th</sup> World Congress on Public Health, Meeting Abstract Review, 2009

### **Mentoring**

Raabia Hashmi, Cedar Cliff High School Internship Program, July 2016 to present.

Laura E. Ohl, Summer Undergraduate Research Intern Program (SURIP) Intern, May 2016 to August 2016.

Olivia Rivera, BMS Program PhD Student, Doctoral Thesis Committee member, May 2016 to present.

Paige Chandler, BMS Program PhD Student, Doctoral Thesis Committee member, July 2015 to February 2016.

Dan Holsinger, MD Student, Medical Student Research Co-Advisor, December 2015 to May 2016.

Andrew Yeich, Middletown Area High School Internship Program, September 2015 to June 2016.

Michelle Goodreau, MPH Student, Academic Advisor, March 2015 to present.

Michael Ringenbach, MPH Student, Academic Advisor, March 2015 to May 2016.

Ping Du, PhD, Assistant Professor of Public Health Sciences, Faculty Mentor, December 2015 to present.

Cara Pennel, DrPH, Assistant Professor of Public Health Sciences, Faculty Mentor, January 2015 to July 2015.

Taylor Ottomano Etzel, Research Intern Mentor, September 2014 to August 2015.

Kelly J. McGill, Summer Undergraduate Research Intern Program (SURIP) Intern, May 2014 to July 2014, “A Polymorphism in a Negative Vitamin D Response Element in CYP27B1.”  
Accepted to Stanford University PhD Program in Immunology, 2015

Shuai Zhao, PhD Candidate, Member of 2014 oral candidacy committee, June, 2014.

Eric J. Battaglioli, PhD, Post-Doctoral Research Fellow in Molecular Epidemiology, Department of Public Health Sciences, Penn State College of Medicine, August 2013 to April 2015.

Loren D. Archibeque, MPH Student Intern, Penn State College of Medicine, August 2012 to August 2015.

Gary A. Chase Award for Excellence in Public Health, Penn State College of Medicine  
Graduate Student Class of 2014 Commencement Speaker, Penn State College of  
Medicine

Bruce Miller, Staff Intern, Penn State University Department of Public Health Sciences, August 2012 to February 2013.

Lindsey Wenger, Student Intern, Penn State University Department of Public Health Sciences, March 2012—August 2012.

Tracey Fortugno, Student Intern and Laboratory Technician, Penn State University Department of Public Health Sciences, May 2010 to June 2011.

Allshine Chen, MS Summer Student Intern, Penn State University Department of Statistics, summer term 2011.

Susan Veldheer, MS Capstone Thesis Chair, Penn State University College of Medicine, Department of Public Health Sciences, *Serum Vitamin D Status in Normal Versus Class I, II and III Obesity*. June 2010 – May 2012.

Emily Southard, Medical Student Research Program, Penn 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

Ania Swiatoniowski, PhD Comprehensive Exam and PhD Thesis Committee Member, Penn State University, Department of Anthropology, University Park, Dr. Nina Jablonski, Chair. November 2009 – May 2012.

Riva Das, Medical Student Research Program, Penn 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

Sara Farag, Medical Student Research Program, Penn 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

Joanna Olson, Medical Student Research Program, Penn 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*

Michael Farbaniec, Medical Student Research Program, Penn State University College of Medicine Class of 2010, *Acute Lymphoblastic Leukemia in Children and Its Relationship to Parental Pesticide Exposure*

Angelica Martinez, Summer Undergraduate Research Internship Program (SURIP), Lincoln University Class of 2010. June 2009 to August 2009

Jonathan Douds, Medical Student Research Program, Penn State University College of Medicine Class of 2012, *Functional Vitamin D Receptor Gene Variants and Racial/Ethnic Disparities*, May 2009 to August 2009

Gerald Podskalny, MD, US Food and Drug Administration, Independent Study Director for “Studies in Molecular Epidemiology,” Department of Public Health Sciences, Penn State University, January to May 2009

Jubril Oyeyemi, Medical Student Research Program, Penn 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?*

Nathan Geyer, MS, Department of Public Health Sciences Class of 2008, Pennsylvania State College of Medicine, Summer Student Intern, May 2008 to July 2008

Kristin Knepp, Gettysburg College Class of 2008, Undergraduate Intern, Penn State University College of Medicine, Department of Public Health Sciences, *Heavy Metals and Kidney Cancer*, January 2008 to May 2008

Jenna Trosko, University of Pennsylvania Class of 2008, Undergraduate Intern, Penn State Hershey Cancer Institute, Co-Mentor with Dr. Keith Cheng, June 2007 to August 2007

Renee Bjorklund, Medical Student Research Program, Penn 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*

Penn State University Wilcox Cross-Cultural Medical Student Research Award 2007

Kathryn Kasicky, Medical Student Research Program, Penn 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

Penn State University College of Medicine Best Student Paper Award 2008

Kai-Ling Wang, Master's Student, Penn State University Department of Statistics Class of 2007, Summer Student Intern, May 2006-August 2006

Nicole Saddic, Medical Student Research Program, Penn 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*, Co-Mentor

Jiangyue Wang, Master's Student, Penn State University Department of Statistics Class of 2006, Summer Student Intern, May-August 2005

American Indian, Alaska Native and Native Hawaiian Caucus of the American Public Health Association, Cancer Scholars Mentoring Committee, June 2003 to 2006

Carmen George, Master's Student Thesis Committee Member, Department of Environmental and Radiological Health Sciences, College of Veterinary Medicine & Biomedical Sciences, Colorado State University, May 2002 to December 2004

Mark Donahue, Post-Baccalaureate Research Fellow, Occupational & Environmental Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, 2003 to 2004

Tiffany Jones, Tougaloo College Class of 2005, Pre-Baccalaureate Research Fellow, Occupational & Environmental Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Summer 2004

## Service

### American Public Health Association (APHA, [www.apha.org](http://www.apha.org))

#### Epidemiology Section

Immediate Past Chair, 2013 to 2015

Chair, 2011 to 2013

Chair Elect, 2009 to 2011

Public Health Practice Award Committee Chair 2005 to 2007

Awards Committee, 2007 (co-Chair), 2009 to 2011 (Chair)

Governing Councilor, 2005 to 2009, Policy Whip, 2006 to 2007

Student Award Committee, 2004 and 2005

Course Coordinator, Geographic Information Systems (GIS) I for Public Health

Professionals, APHA Learning Institute, November 2007

### Association of Schools and Programs in Public Health

Member, Doctor of Public Health (DrPH) Council, May 2015 to present  
Representative, Research Section, March 2015 to present  
Association for Women in Science (AWIS),  
Advisory Board Member, Penn State College of Medicine, 2013 to 2014  
Epidemiology Congress of the Americas 2016  
Member, Executive MOU Planning Team, June 2012 to May 2013  
Harrisburg School District, Secondary Education Reform Task Force  
Science Education Review Panel, May 2013 to January 2014  
International Joint Policy Committee for the Societies of Epidemiology (www.jpc-se.org)  
Secretary, May 2016 to present  
Ex-Officio Member, January 2010 to April 2015  
3<sup>rd</sup> North American Congress of Epidemiology (http://www.epiresearch.org/congress)  
Ex-Officio Member, Executive Planning Committee, February 2010 to June 2011  
Member, Awards Committee, March 2010 to June 2011  
Penn State Cancer Institute (pennstatehershey.org/web/cancer/home)  
Member, Population Health and Cancer Control, Joshua Muscat, PhD, and Steven  
Branstetter, PhD, Program Co-Leaders, September 2004 to present.  
Member, Cancer Education Committee, September 2015 to present.  
Pennsylvania State University  
Founding Director, Doctor of Public Health (DrPH) Program, August 2014 to present  
Oversight of 17-member development team for degree development across four  
campuses. New courses:  
PHS 554 Statistical Methods in Public Health I  
PHS 555 Statistical Methods in Public Health II  
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 892 Directed Studies in Public Health  
PHS 894A Integrative Doctoral Research (9 credits)  
PHS 896 Individual Studies  
PHS \_\_\_ Advanced Public Health Leadership  
PHS \_\_\_ Advanced Public Health Policy Analysis  
PHS \_\_\_ Public Health Ethics  
PHS \_\_\_ Design and Implementation of Interventions to Reduce Health  
Disparities  
PHS \_\_\_ Women's Health  
Associate Director for Public Health Workforce Development, Penn State MPH Program,  
October 2013-December 2014  
Chair, Penn State Public Health Day Symposium Abstract Review Committee, 2014-15  
Faculty Advisor Public Health Association for Service and Education (PHASE), May  
2013 to August 2014  
Lead Organizer, Molecular Epidemiology Working Group, September 2013 to present  
Chair, Penn State Public Health Day Symposium, 2013-14  
Council on Education for Public Health (CEPH), PSU MPH Program Faculty Review  
Oversight Committee Member, November 2013 (www.ceph.org)  
Association for Women in Science (AWIS), Hershey Career Event Planning Team 2013

Chair, MPH Program Practicum and Service Committee, August 2012 to February 2014  
Member, MPH Program Practicum and Service Committee, August 2009 to July 2012  
Member, Social Influences on Health Course Development Committee, August 2009 to May 2010  
Member, Graduate Education Task Force, September 2008 to May 2009  
Co-Director, Department of Public Health Sciences' Research Seminar, 2005-06  
Member, Graduate Education Committee, Department of Public Health Sciences 2004 to 2006, 2009  
Member, Junior Faculty Development Course Planning Committee, 2005 to 2006  
Member, Molecular Epidemiology Working Group, Penn State Hershey Cancer Institute, September 2004 to 2008

#### National Institutes of Health

Representative, NIH Fellows Committee (FelCom), Division of Cancer Epidemiology and Genetics, 2003-04 ([www.training.nih.gov/felcom](http://www.training.nih.gov/felcom))  
Member, Fellows Award For Research Excellence (FARE) Committee, 2004  
Member, Geographic Information Systems Specialty Interest Group, National Cancer Institute, 2001 to 2004

#### **Symposia Led**

*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.

<http://apha.confex.com/apha/142am/webprogram/Session42107.html>

*Penn State Public Health Day Symposium*, Department of Public Health Sciences, Penn State University, May 9, 2014. Role: Chair.

*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 Soskoline.

*DSI (Disease Scene Investigators): Chocolate Town, Careers in Epidemiology and Public Health*, The Pennsylvania State University College of Medicine, January 10<sup>th</sup>, 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.

*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.

*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.

*DSI (Disease Scene Investigators): Chocolate Town, Careers in Epidemiology and Public Health*, The Pennsylvania State University College of Medicine, January 10<sup>th</sup>, 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.

*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.

*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.

*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.

*The Northeast Regional Epidemic Intelligence Service Officer's Conference, Centers for Disease Control and Prevention*, Pennsylvania Department of Health and Penn 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**

“Recent Advances in Vitamin D Analog Development for Cancer,” Penn State Cancer Institute Community Clinical Trials Website, July 12, 2016. Yeich A, Blumling A, Crone N and Wilson RT. <http://www.pennstatehershey.org/web/cancer/research/clinical-trials>

“High school students take honors at science and engineering fair,” Penn State iNews Express April 25th, 2016.

“Students share why they take part clinical trials,” Penn State Daily Collegian, February 12, 2016. [http://www.collegian.psu.edu/news/campus/article\\_4b9527b2-d10a-11e5-9840-0f27804abe19.html](http://www.collegian.psu.edu/news/campus/article_4b9527b2-d10a-11e5-9840-0f27804abe19.html)

“Colon Cancer and Vitamin D: Jury still out - new study results due 2017” Penn State Cancer Institute Community Clinical Trials Website, July 12, 2016. Ottomano Etzel T and Wilson RT. <http://www.pennstatehershey.org/web/cancer/research/clinical-trials>

“What Epidemiologists Do,” STEM Summit, Junior Achievement, Junior Achievement of Central PA, Betsi Zikmund, Programs Manager, Middletown Area High School, Middletown, PA, April 30<sup>th</sup>, 2015.

“15 Minutes of Science: Genetic Differences in Vitamin D Metabolism,” Penn State Department of Public Health Sciences, Faculty Meeting, March, Hershey, PA, April 8<sup>th</sup>, 2015.

“Penn State 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>

“Event helps students think epidemiologically...about chocolate”:  
<http://hersheynewsroom.vhost.psu.edu/blog/2013/01/10/event-helps-students-think-epidemiologically-about-chocolate/>

“Disease Detectives for a Day”, WPMT-TV (Fox 43 News), Lancaster, PA:  
<http://ctv4.criticalmention.com/playerpage/player?shareid=96818&partnerToken=8a3365fc3c2637ce013c29cda28e74ea&clientId=0>

“Local high school students learn about diseases using chocolate,” Report by Brandie Meng, WHP-TV (CBS 21), Lancaster, PA: <http://www.whptv.com/news/local/story/Local-high-school-students-learn-about-diseases/tTLBuPf5HU6wFxNm8h3kbw.csp?rss=50>

“Students are Health Detectives for a Day,” Patriot News, and Capital Region Partnership for Career Development, Harrisburg, January 22, 2013.  
[http://pcd.caiu.org/news-and-events/news-room/13-01-22/Students\\_Use\\_Detective\\_Skills\\_to\\_Study\\_Disease\\_Outbreaks\\_and\\_Explore\\_Careers\\_in\\_Epidemiology.aspx](http://pcd.caiu.org/news-and-events/news-room/13-01-22/Students_Use_Detective_Skills_to_Study_Disease_Outbreaks_and_Explore_Careers_in_Epidemiology.aspx)

“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.

“Smoking, Lead Levels and Renal Cell Carcinoma,” Cathy Meeus, Project Editor, World's Best Kept Health Secrets, 41 Lorne Road, London N4 3RU

Middletown Area High School Senior Graduation Presentations, Faculty Judge, Middletown, PA, February 24, 2012.

“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](http://www.kidneycancer.org)), The Latest In Nephrology (N. Delhi, India), January 25<sup>th</sup>, 2012

Fox 43 WPMT TV, “Detectives for a Day: Disease Scene Investigators 2012,” Event News Coverage, January 10<sup>th</sup>, 2012.

Interview with Jody A. Charnow, *Renal and Urology News*, “Increased Lead Exposure May Raise Kidney Cancer Risk,” ([www.renalandurologynews.com](http://www.renalandurologynews.com)), January 04<sup>th</sup>, 2012.

Interview with Barbara Blank, The Hummelstown Sun, regarding *DSI: Chocolatetown, a One Day Workshop on Epidemiology and Public Health for High School Students*, December 15<sup>th</sup>, 2010.

Faculty Organizer and Host for visit of Dr. William H. J. Strosnider, Assistant Professor, Engineering Department, Saint Francis University, Loretto, PA, Presentation: *Safer Water for the Bolivian Highlands: Engineers, Scientists and Medical Professionals Working Together*, Global Culture Club, Penn State College of Medicine, November 3<sup>rd</sup>, 2010.

Interview with Valerie Pritchett, abc27 News, Harrisburg, “The Effects of Heavy Metals on Health Outcomes of Indigenous Bolivians: A Pilot Study,” April 12th, 2010.

National Lab Day Member, <http://www.nationallabday.org>, March 2010 to present.

“*Speaking Science*”--Middletown Area High School. Focus group discussions with High School students and scientists in the region, April 13th, 2010.

Interview with Sandy Eckert, Hummelstown Sun, regarding public health career shortages and the symposium *Infusing Public Health and Epidemiology Career Pathways and Education into the Capital Region*, March 2, 2010.

Interview with Jody A. Charnow, *Renal and Urology News*, “Dietary Quercetin May Reduce Renal Cell Cancer Risk in Male Smokers,” ([www.renalandurologynews.com](http://www.renalandurologynews.com)), August 12, 2009

*Epidemiology in Public Health*, Presentation to the 2009 Partnership Leadership Academy, a consortium High School Educators among 26 Pennsylvania School Districts, June 10, 2009

Interview with Lena Ziegler for WVIA-FM regarding story on vitamin D, May 18, 2009

*Heavy Metals, Oxidative Stress and Renal Cell Cancer*, Presentation prepared for the Wisconsin State Laboratory of Hygiene, March 11, 2009

Interview with Bryant Furlow, *Lancet Oncology*, regarding story on American Indian and Alaska Native Health Disparities, August 18, 2008

Interview with Linda Espenshade, *Lancaster Intelligencer*, for “Cancer: What can you control?”  
March 6, 2008

Interview with Pamela Monk, *World of Difference* Program on “Racial and Ethnic Disparities in  
Health Care,” WPSU-FM and WPSU-TV, June 12, 2007

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, Penn State College of Medicine, 2007, 2008. Role: Faculty  
organizer.

### **Current Support**

Principal Investigator (25%), Early Preparation and Inspiration for Careers in the Biomedical  
Sciences, NIH/NIGMS, July 1<sup>st</sup>, 2013 to April 30<sup>th</sup>, 2017.  
\$790,000 (direct) 1R01GM107715-01

Principal Investigator (5%), Genetic, Dietary and Environmental Influences on Vitamin D  
Metabolism, American Institute for Cancer Research, January 1<sup>st</sup>, 2013 to December 31<sup>st</sup>,  
2016.  
\$225,000 (direct) 209517-REV1

### **Completed Support**

Co-Investigator, Pennsylvania Expanded HIV Testing Initiative (PEHTI), Pennsylvania  
Department of Health, March 26<sup>th</sup>, 2012 to December 31<sup>st</sup>, 2014.  
Vernon M. Chinchilli, Principal Investigator

Principal Investigator, “Genetics of Vitamin D Metabolism,” Penn State Cancer Institute, Center  
for Pharmacogenetics, Penn State College of Medicine, October 1, 2010 to June 30<sup>th</sup>,  
2013.  
\$75,000 (direct)

Principal Investigator, “Functional Vitamin D Receptor Gene Variants and Racial/Ethnic Cancer  
Disparities,” National Institutes of Health, K22, September 1, 2008 to August 31, 2011.  
\$412,261 (direct) 1 K22 CA120092-01A2

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,  
January 1, 2009 to June 30, 2011.  
\$165,000 (direct) 08A024-REV2

Principal Investigator, “Supplement to Functional Vitamin D Receptor Gene Variants and  
Racial/Ethnic Cancer Disparities,” National Institutes of Health 1 K22 CA120092-01A2  
Supplement, September 1, 2009 to August 31, 2011.

\$50,000 (direct)

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 (direct)

PI of Subcontract, “Strengthening Research Infrastructure at Lincoln University,” Nelson (PI), National Institutes of Health 5P20MD003352-03, February 14, 2011 to February 13, 2012. Sub-project “Polymorphisms in 1,25D3-MARRS.”  
\$25,000 (direct)

Co-Investigator, “Investigation of the Signaling Pathway Activated by 1,25D3-MARRS Receptor,” Safford, S. (PI), NIH, September 1, 2009 to December 31, 2010.  
\$49,184 (direct) NIH 3SC1GM082365-02S109

Co-Investigator (5% contributed), “Alterations in the MEP1A Gene Increase Susceptibility to IBD,” Matters, G. (PI) Penn State University College of Medicine, Department of Colon and Rectal Surgery, IBD Carlino Gift Fund.  
\$60,000 (direct), July 1, 2007 to June 30, 2009.

Principal Investigator (5% contributed) “Pennsylvania Study of Intergenerational Health, Vitality and Environment (PennSIVE),” Penn State University Center for Population Health and Aging, National Institutes of Aging Pilot Program. \$29,352 (direct), December 1, 2007 to June 30, 2009.

Principal Consultant, Rocky Mountain Tribal Epidemiology Center (20%) “Research on Factors Contributing to Breast and Cervical Cancer Outcomes Among American Indian Women in Montana,” October 2006 to September 2008. 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.

Principal Investigator (5% contributed) “Environmental Heavy Metals, Biomarkers of Susceptibility and Renal Cancer,” Pennsylvania Department of Health Start-Up Grant.  
\$30,000 (direct), January 1, 2008 to June 30, 2008.

Principal Investigator (5% contributed) “Obesity Intervention Biomarker Follow-Up Study in Rural Pennsylvania Families,” Penn State University Children, Youth and Families Consortium.  
\$20,271 (direct), September 2007 to August 2008.

Principal Investigator (6%) “Northern Appalachian Intergenerational Study of Health Improvement (NAISHI) Study Development Initiative,” Penn State University Center for Population Health and Aging.  
\$7,000 (direct), September 1, 2007 to September 1, 2008.

Principal Investigator (20% contributed) “Risk of Low Vitamin D Status and Function: Self-Reported Race, Population Ancestry, and Skin Reflectance”

\$5,734 (direct) Penn State University Population Research Institute, December 1, 2005 – November 30, 2006.

\$17, 878 (direct) Penn State University General Clinical Research Center, February 1, 2006 to January 31, 2007.

Co-Investigator (5%) “A Model GIS/Atlas for State Comprehensive Cancer Control”

Association of American Medical Colleges, Lengerich, E.J. (PI),

\$171,638 (direct) October 1, 2003 to September 30, 2006.

Co-Investigator (4%) “Obesity and Cancer Risk in Rural Pennsylvania,” Penn State University Outreach Innovation Fund, Lengerich, E.J. (PI),

\$25,000 (direct) February 1, 2006 to December 31, 2007.

### **Submitted Grants**

Consultant, “Effects of Increased Health Insurance Coverage on Cancer Screening and Outcomes for American Indians in Montana,” Submitted to the American Cancer Society, March 2016.

Michael Andreini, Principal Investigator

Principal Investigator, “E-cigarette Use among College Students in Association with Biomarkers of Bone Health,” the Tobacco Center for Regulatory Science Penn State, November 2015, revised and resubmitted March 2016

\$50,000

Principal Investigator, “Biomarkers of Breast Cancer Risk,” Submitted to the Penn State Clinical and Translational Sciences Institute, September 2015

\$200,000

Mentor, “Breast Cancer Disparities in Appalachia,” Submitted to the Komen Foundation

Marianne Hillemeier, Principal Investigator, submitted November 2015

Participating Faculty, “Population Research Institute Infrastructure Support”

NIH/NICHD 2 R24 HD041025-13

Jennifer Van Hook, Principal Investigator, submitted July 2015

Co-Investigator, “Coordination and Data Management Center for the CSCPDP Consortium,”

NIH/NIDDK

Vernon M. Chinchilli, Principal Investigator

\$4,884,337 (direct), submitted April 2015.

Co-Investigator, “Breast fibrosis and zinc,” Penn State Institute for Personalized Medicine

Shannon Kelleher, Principal Investigator

\$50,000 (direct), submitted June 2014

Co-Investigator, “Regulating mammary gland secretion: A role for ZnT2,” NIH/NIGMS  
Shannon Kelleher, Principal Investigator  
\$1,000,000 (direct), submitted June 2014

Site Principal Investigator, “BUILDing and Sustaining a Collaborative Pipeline for Biomedical Research,” NIH/National Institute on Minority Health and Health Disparities (NIMHD),  
Susan Safford, Principal Investigator.  
\$811,581 (direct for site), submitted March 28, 2014.

Principal Investigator, “Integrative Translational Research Training in Nutrition (ITRT),”  
Burroughs Wellcome Fund  
\$500,000 (direct), submitted February 17, 2014.

Principal Investigator, “Lateral DNA Transfer of Common Urothelial Pathogens in Normal and Malignant Cells,” Charles E. Kaufman Foundation Letter of Intent  
\$270,000 (direct), submitted January 22, 2014.

Principal Investigator, “The Lincoln – Penn State Prostate Cancer Health Disparities Scholars Program,” Department of Defense Congressionally Directed Medical Research Programs  
\$185,000 (direct), submitted September 4, 2013.

Co-Investigator, “The Role of Zinc in Mammary Gland Biology,” NIH/NIGMS  
Shannon Kelleher, Principal Investigator  
\$1,000,000 (direct), submitted May 14, 2013

Faculty Preceptor, “BUILDing and Sustaining a Collaborative Pipeline for Biomedical Research,” NIH/National Institute on Minority Health and Health Disparities (NIMHD)  
Planning Grant, Susan Safford, Principal Investigator.  
\$122,266 (direct), submitted April 8, 2013.

Co-Investigator, “Impact of microsatellite sequence variation and DNA repair gene polymorphisms on aging phenotypes in human populations,” Ellison Medical Foundation, Letter of Intent  
Submitted March 15, 2013

Principal Investigator (50%), “Characterizing Functional Polymorphisms in Matched Diverse Ancestry Groups, NIH/National Institute of General Medical Sciences (NIGMS),”  
\$2,000,000 (direct), submitted February 21, 2013.

Principal Investigator (10%), “Genetic variants related to renal heavy metals bioaccumulation and cancer risk, Department of Defense Congressionally Directed Medical Research Programs,” Peer Reviewed Cancer Research Program, Discovery Award,  
\$200,000 (direct), submitted October 27, 2011.

Principal Investigator (10%), “Using Genetic and Epigenetic Signatures to Identify Vitamin D Supplement Metabolism Rates,” Gustavus and Louise Pfeiffer Research Foundation

Grant Program, Submitted September 1, 2011.  
\$225,000 (direct)

Principal Investigator (10%), “Epigenetic and Genetic Regulation of Vitamin D Metabolism in Diverse Populations,” NIH, National Cancer Institute,  
\$275,000 (direct), submitted June 16, 2011.

Contributing Scientist (0%) HiSeq1000 Shared Instrumentation Grant, Willard Freeman, PhD,  
Penn State Genome Sciences Core (Principal Investigator), submitted February 2011.

Principal Investigator (20%) Human Frontier Science Program (HFSP), “Thyroid Disease and the Risk of Renal Cell Cancer,” Letter of Intent.  
\$350,000 (direct), submitted March 31, 2011.

Principal Investigator (5%), “Heavy Metal Blood and Tissue Concentrations and Vitamin D Metabolism,” Prevent Cancer.Org, , July 15, 2011 to July 14, 2013.  
\$80,000 (direct), submitted February 2011.

Principal Investigator (20%), “Heavy Metals and Renal Cell Cancer Risk, National Institutes of Health,” January 1, 2011 to December 31, 2014.  
\$400,000 (direct), submitted June 2010.  
WHI Pilot Approved by WHI ASC March 7, 2011.

Principal Investigator (5%), Environmental Heavy Metals, Susceptibility Factors and Inflammatory Bowel Disease Risk, Penn State IBD Registry  
\$60,000 (direct), January 1, 2011 to December 31, 2012.

Advisory Board Member,”Engaging the education community in genetic and epidemiological science,” Investigators: Toni I. Pollin, PhD (PI), Miriam Blitzer, PhD (Co-I), Diane Marie M. St. George, PhD (Co-I) National Science Foundation, Submitted June 3, 2010.

Mentor, “Biomedical Research and Research Training,” Bronson, S. (PI), National Institutes of Health, December 1, 2010 to November 31, 2011.  
\$177,836 (direct)

Participating Faculty, “Molecular Oncology, Cancer Prevention and Community Medicine: A Ph.D. Program,” Eckert, K. (PI), Howard Hughes Medical Institute, September 1, 2009 to August 31, 2013.  
\$154,741 (direct)

Contributing Investigator, “Population Research Institute,” An Application for Core Infrastructure Support , The Pennsylvania State University, University Park, PA, October 2009, NIH/NICHHD.

Co-Investigator, “Supper club impact on family member vegetable intake, activity and body weight,” NIH R21, J. Lynne Brown, PI,  
\$374,166 (direct)

Contributing Investigator, “Population Research Institute,” An Application for Core Infrastructure Support , The Pennsylvania State University, University Park, PA, October 2005, NIH/NICHD.

## Consulting

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 2016.

No-Cost Consultant, *Successful Recruitment Strategies for a Study of Vitamin D*. Penn State Hershey Cancer Institute, Gene Lengerich, Core Director, Hershey, PA, April 2012.

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.

No-Cost Consultant, “PSA Screening Patterns in AI/AN Men with Elevated PSA,” Tilburt, J. (PI), Mayo Clinic, Rochester, MN, May 2008 to June 2013.

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.

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.

No-Cost Consultant, Department of Molecular and Cellular Physiology, Epidemiologic Consultation on Suspected Cancer Cluster, Penn State University College of Medicine, July 2005 to September 2005.

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### *Journal Articles*

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. Accepted Pending Revisions June 2016.

Garrido AE, Strosnider WHJ, Wilson RT, Condori J and Nairn RW. *Metal-contaminated potato crops and potential human health risk in Bolivian mining highlands*. Science of the Total Environment. Submitted May 2016.

Wilson RT, Sheikh M, Cramer S, Weinberg G, Firth A, Weiss SH, Soskolne CL. *Challenges to the Census: International Trends and Implications for Public Health*. Public Health. Accepted pending revisions, March 2016 submission, resubmission 7/31/2016.

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 Feb 13, doi: 10.1097/JOM.0000000000000401.

Dai JP, Xu A, Battaglioli EJ, Stanley BA, **Wilson RT**. *A Sensitive and Cost Effective LC/MS/MS Method for Determination of 1 $\alpha$ ,25-Dihydroxyvitamin D<sub>3</sub> in Human Plasma*. LCGC North America (Chromatographyonline.com), February 2015.  
<http://www.spectroscopyonline.com/sensitive-and-cost-effective-lc-ms-ms-method-determination-1-25-dihydroxyvitamin-d3-human-plasma>

**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 Aug 27, doi: 10.1016/j.trsl.2014.08.003.

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. 24 (4): 1676-1685, 2013.  
PMID: 24185163  
<http://www.ncbi.nlm.nih.gov/pubmed/24185163>

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  
Published Online: <http://cebp.aacrjournals.org/content/early/2011/11/11/1055-9965.EPI-11-0670.long>

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*. 44(1):36-45, 2012.  
PMID: 22023910  
[http://www.jneb.org/article/S1499-4046\(11\)00344-7/abstract](http://www.jneb.org/article/S1499-4046(11)00344-7/abstract) Published online, 24 October 2011

**Wilson RT**, Roff AN, Dai PJ, Fortugno T, Douds J, Chen G, Grove G, Onger 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*. 7(1): 279–293, 2011.  
ISSN (Print): 1868-1883, PMCID: PMC3606023  
<http://www.degruyter.com/view/j/hmbci.2011.7.issue-1/hmbci.2011.021/hmbci.2011.021.xml>

**Wilson RT**, Giroux J, Kasicky KR, Fatupialto BH, Wood EC, Crichlow R, Sun Rhodes N, Tinguely, J, Walling A, Langwell K, Cobb N. Breast and Cervical Cancer Screening Patterns among American Indian Women in Montana and Wyoming. *Public Health Reports*. 126(6): 806-15, 2011.

PMID: 22043096, PMCID: PMC3185316

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**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* 170(6):717-29, 2009.

PMID: 19651663, PMCID: PMC2768520

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**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* 113(5 Suppl):1213-24, 2008.

PMID: 18720377, PMCID: PMC3587982.

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PMID: 1872037, Free Full Text: <http://onlinelibrary.wiley.com/doi/10.1002/cncr.23734/pdf>

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* 112:47-54, 2008.

PMID: 18824104, PMCID: PMC2749287

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Polymorphisms and Renal Cancer Risk in Central and Eastern Europe. *Journal of Toxicology and Environmental Health, Part A: Current Issues* 71(6):367-72, 2008.

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**Wilson RT**, Moore LE, Dosemeci M. Salivary gland cancer mortality in relation to occupational exposure among African American and White workers in the United States. [Abstract] *Annals of Epidemiology* 13(8):571, 2003.

[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6T44-49D591S-17&\\_user=10&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&\\_view=c&\\_acct=C000050221&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=c77c8602799006ad3f62e97690a1701b#](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T44-49D591S-17&_user=10&_rdoc=1&_fmt=&_orig=search&_sort=d&_view=c&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=c77c8602799006ad3f62e97690a1701b#)

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* 23(7):531, 2002.

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### *Book Chapters*

**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.

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**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*

American Public Health Association, Lead Author, “Reducing Occupational Exposure to Benzene in Workers and their Offspring.” Policy Date: 12/14/2005, Policy Number: 20056  
<http://www.apha.org/advocacy/policy/policysearch/default.htm?id=1322>

American Public Health Association, Epidemiology Section Lead Reviewer, “Call for Education and Research Into Vitamin D Deficiency/Insufficiency.” Policy Date: 10/28/2008, Policy Number 20081  
<http://www.apha.org/advocacy/policy/policysearch/default.htm?id=1367>

### Reports

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

**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.

**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.

**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.

**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.

### Theses

**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>

**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.  
[http://smartsearch.uiowa.edu/primo\\_library/libweb/action/display.do?ct=display&doc=2956251&indx=1&frbg=&dum=true&vid=uiowa&vl\(freeText0\)=robin%20taylor%20wilson&fn=search&mode=Basic&ct=search&srt=rank&indx=1&tab=default\\_tab](http://smartsearch.uiowa.edu/primo_library/libweb/action/display.do?ct=display&doc=2956251&indx=1&frbg=&dum=true&vid=uiowa&vl(freeText0)=robin%20taylor%20wilson&fn=search&mode=Basic&ct=search&srt=rank&indx=1&tab=default_tab)

**Presentations/Abstracts** (primary author/presenter, unless otherwise indicated by asterisk)

Date   Title

- 06.16 *Exposures in a Mining-Impacted Region in Bolivia*, Penn State College of Medicine, Department of Public Health Sciences, Rodale Institute Seminar, June 14<sup>th</sup>, 2016, Hershey, PA.
- 05.16 *Recent Controversies in Vitamin D Biomarkers*, Penn State College of Medicine, Department of Public Health Sciences, Division of Epidemiology Seminar, May 10<sup>th</sup>, 2016, Hershey, PA.
- 06.15 *The Importance of Epidemiology*. The Epidemiology Challenge Gala Symposium, June 19<sup>th</sup>, 2015, the State Museum of Pennsylvania, Harrisburg, PA.
- 03.15 *Why We Need to Understand Vitamin D Metabolism in Diverse Population Groups*, Presentation to Parents and Children Together (PACT) Community Research Coalition, Harrisburg, PA, February 23, 2015.
- 02.15 *The Epidemiology Challenge Update*. Parent update on NIH Project Status at partner schools: Cedar Cliff, Lower Dauphin, Middletown Area, John Harris and SciTech High Schools, presented at respective schools.
- 12.14 *Pathobiology of Cancer Journal Club Presentation—Vitamin D Metabolism and Immune Function*, Penn State College of Medicine, Department of Pathology, December 17<sup>th</sup> 2014.
- 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. 142<sup>nd</sup> Annual Meeting of the American Public Health Association, New Orleans, LA, November 17<sup>th</sup>, 2014.
- 11.14 *Engaging Youth for Careers in Sciences and Public Health*. Perry-Smith R\*, Kaelin MA, Huebner WW, Wilson RT. 142<sup>nd</sup> Annual Meeting of the American Public Health Association, New Orleans, LA, November 17<sup>th</sup>, 2014.
- 11.14 *Overview of the Penn State DrPH Program in Development*, Penn State Public Health Program Community Advisory Board, Hershey, PA, November 6<sup>th</sup>, 2014.
- 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, Washington, DC, October 30<sup>th</sup>, 2014.
- 10.14 *A Sensitive and Cost Effective Method for Determination of 1 $\alpha$ ,25-Dihydroxyvitamin D<sub>3</sub> in Human Plasma*. \*Dai JP, Xu A, Battaglioli EJ, Stanley BA, Wilson RT. Penn State Molecular Epidemiology Working Group, Penn State Cancer Institute, Hershey, PA, October 10<sup>th</sup>, 2014.

- 09.14 *Biomarkers of vitamin D metabolism in diverse population groups: Research related to gaps in research identified by the Institute of Medicine (IOM).* Penn State Molecular Epidemiology Working Group, September 10, 2014, Penn State Cancer Institute, Hershey, PA.
- 08.14 *Early Preparation and Inspiration for Careers in the Biomedical Sciences (EPIC),* NIH Interventions Conference, San Diego, CA, August 14-15, 2014.
- 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, Baltimore, MD, June 15-19, 2014.
- 05.14 Junior Faculty Development Program 2014 Commencement Speaker, Pennsylvania State University College of Medicine, Hershey, PA, May 29, 2014.
- 05.14 College of Medicine Awards Ceremony, Presentation of Public Health Awards, Pennsylvania State University College of Medicine, Hershey, PA, May 17, 2014.
- 03.14 *Biomarkers of the Food Environment: The Case of Vitamin D.* 2014 Healthy Kids in Healthy Communities Conference, Loma Linda University, Loma Linda, CA, March 4, 2014. Invited Presenter and Panelist.
- 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, Washington DC, November 7, 2013.
- 11.13 *Lifetime Career Award Presentation to Dr. Al Sommer,* American Public Health Association Annual Meeting, Boston, MA, November 4<sup>th</sup>, 2013.
- 08.13 *Early Preparation and Inspiration for Careers in the Biomedical Sciences (EPIC): Study Purpose and Design.* Interventions 2013 Progress Report Meeting NIH NIGMS, San Diego, CA, August 15<sup>th</sup> and 16<sup>th</sup>, 2013
- 07.13 *Biomarkers of Vitamin D Metabolism in Diverse Population Groups.* Pennsylvania Department of Health, Bureau of Epidemiology Speaker Series, Harrisburg, PA, July 9, 2013.
- 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.** The Penn State Graduate Exhibition, University Park, PA, March 24, 2013. Score: 96/100.
- 01.13 Moderator, *Communication/Negotiation Skills Panel, Association for Women in Science, 2013 AWIS Career Event,* Hershey, PA, January 25, 2013.

- 01.13 *Welcome and Introductions, Disease Scene Investigators (DSI): Chocolate Town 2013*, Hershey, PA, January 10<sup>th</sup>, 2013.
- 10.12 *Lifetime Career Award Presentation to Dr. Roberta Ness*, American Public Health Association Annual Meeting, San Francisco, CA, October 29<sup>th</sup>, 2012.
- 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, University Park, PA, September 17, 2012. **Wilson RT**.
- 07.12 *Genetic Factors Related to Serum Vitamin D Status*, Penn State College of Medicine, SEPA-CREST Program, Hershey, PA, July 17, 2012. **Wilson RT**.
- 04.12 *The Effects of Heavy Metals in Potato Crops on the Renal Function of Indigenous Bolivians*, Penn State College of Medicine, Medical Student Research Symposium, Hershey, PA, April 13, 2012. \*\*Das R, Farag S, **Wilson RT**.
- 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*. American Association of Cancer Research, Chicago, IL, March 31, 2012. **Wilson RT**, \*\*Bortner J, Berg A, Roff A, Das A, Richie J, Barnholtz-Sloan J, El-Bayoumy K.
- 03.12 *Heavy Metals and Kidney Cancer*. Pennsylvania Department of Health Quarterly Epidemiology Meeting, Hershey, PA, March 22, 2012.
- 03.12 *Heavy Metals Bioaccumulation and Genetic Variants in Renal Cell Cancer*. Penn State Hershey Cancer Institute, Chemoprevention and Carcinogenesis Program, Hershey, PA, March 8, 2012.
- 01.12 *Maximizing Productivity in Environments of Relative Inertia*. Association for Women in Science, Penn State College of Medicine, Hershey, PA, January 26<sup>th</sup>, 2012.
- 01.12 *Genetic and Environmental Risk Factors for Kidney Cancer*, Penn State Hershey Cancer Institute Interdisciplinary Conference, Hershey, PA, January 17, 2012.
- 06.11 *Genetic Ancestry, Skin Reflectance and Pigmentation Genotypes in Association with Serum Vitamin D Metabolite Balance*. 3<sup>rd</sup> North American Congress of Epidemiology, Montreal, Canada, June 21, 2011.
- 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.
- 04.11 *Genetic Factors Related to Serum Vitamin D Status*. Presentation to Penn State

Department of Nutrition, Nutrition Epidemiology (NUTR 597B) Course, Dr. Terry Hartman, Course Director, April 14, 2011.

- 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, Penn State Hershey, December 15<sup>th</sup>, 2010.
- 12.10 *Genetic Factors Related to Serum Vitamin D Status*. East Stroudsburg University Master's in Public Health Program, Epidemiology Course, Dixon Center, Harrisburg, PA, Dr. Steven Godin, Course Director, December 4, 2010.
- 11.10 *Serum Vitamin D Status in Normal versus Class I, II and III Obesity, NHANES 2003-2006*. Presentation to the Penn State Obesity Forum, University Park, PA, November 10<sup>th</sup>, 2010. Veldheer S\*, **Wilson RT**—poster.
- 10.10 *The Effects of Heavy Metals in Potato Crops on Health Outcomes of Indigenous Bolivians*. Facing the Four Elements: Developing a Transatlantic Approach to Sustainability, New York, NY, October 28-30<sup>th</sup>, 2010. Das R\*, Farag S, and **Wilson RT**—poster.
- 10.10 *Calcium, Lead, and Renal Cell Carcinoma Risk*. American Institute of Cancer Research Annual Meeting, October 21-22<sup>nd</sup>, 2010. Southard EB\*, Roff AN, Fortugno T, Richie JP, Chinchilli VM, Albanes D, and **Wilson RT**—poster.
- 09.10 *Do Heavy Metals Cause Renal Cell Cancer?* University of Colorado School of Public Health, Denver, CO. September 26<sup>th</sup>, 2010.
- 09.10 *Genetic Ancestry and Skin Reflectance in Association with Serum Vitamin D Metabolites*. 1<sup>st</sup> Annual Hormone Molecular Biology and Clinical Investigation Journal Symposium, Seefeld, Austria, September 11-14<sup>th</sup>, 2010.
- 05.10 *Fish, Heavy Metals and Renal Cell Cancer*. Center for Environmental Health Sciences Lecture Series, University of Montana, Missoula, MT, May 20<sup>th</sup>, 2010.
- 04.10 *Vitamin D Status and Skin Melanin Index in Healthy Participants, From Bench to Bedside*: Hampton University Skin of Color Research Institute 2010 Symposium, Williamsburg, VA, April 30<sup>th</sup>, 2010. Wilson RT, Hartman T, Shriver M, and Grove G\*-poster
- 04.10 *Molecular Epidemiology*, Pennsylvania High School Youth Academy, Penn State College of Medicine, April 6, 2010
- 03.10 *Closing Remarks*, Northeast Regional Epidemic Intelligence Service Officer's Conference, Penn State College of Medicine, March 24, 2010
- 01.10 *Cancer and Vitamin D*, Penn State College of Medicine, Oncology Fellow Grand Rounds, January 27, 2010.

- 12.09 *Genetic Factors Related to Serum Vitamin D Status*, Penn State University Nutrition Sciences Program, December 7, 2009.
- 11.09 *Developing an Ultra-sensitive LC/MS/MS Method for Vitamin D and its Metabolites using Diels-Alder Derivatization*, Penn State Cancer Institute, Molecular Epidemiology Working Group, November 16, 2009. \*Dai J, Wilson RT, Stanley B.
- 10.09 *The Effects of Heavy Metals in Potato Crops on Health Outcomes of Indigenous Bolivians*, Water Technologies for Emerging Regions (WaTER) Conference, University of Oklahoma, October 26, 2009. \*Das R, \*Farag S, Wilson RT. –poster.
- 08.09 *Variation in the Meprin Gene and Risk of Inflammatory Bowel Disease*, Penn State University College of Medicine, Summer Student Colloquia, August 6, 2009. \*Martinez A, Roff A, Matters G, Wilson RT.
- 04.09 *Vitamin D and Racial/Ethnic Cancer Disparities*, Lincoln University Department of Biology, March 11, 2009.
- 04.09 *Heavy Metals, Oxidative Stress and Renal Cell Cancer*, Wisconsin State Laboratory of Hygiene, Madison, WI, March 2009. Wilson RT. \*Stanton N.
- 02.09 *Heavy Metals, Oxidative Stress and Renal Cell Cancer*, East Stroudsburg University, Dixon University Center, Harrisburg, PA, February 21, 2009. Steve Godin, Course Director.
- 01.09 *MSR Opportunities*, Penn State University College of Medicine Rural Interest Group, Hershey, PA, January 20, 2009.
- 11.08 *Studying Vitamin D and Racial/Ethnic Differences in Cancer: A Pathway Approach*, Molecular Epidemiology Working Group, Penn State University College of Medicine, Hershey, PA, November 24, 2008. \*Roff A, Wilson R.
- 11.08 *Breast and cervical cancer screening of American Indian women in Montana and Wyoming*, 136<sup>th</sup> Annual Meeting of the American Public Health Association, American Indian, Alaska Native, Native Hawaiian Health Caucus, San Diego, CA, October 26, 2008. \*Kasicky K, Hemlock B, Giroux J, Wilson RT. –poster.
- 08.08 *Heavy Metals, Oxidative Stress and Renal Cell Cancer*, Presentation to the Penn State Hershey Cancer Institute, Cancer Control and Population Sciences Program, Hershey, PA, August 21, 2008. Wilson RT, Roff A, Albanes D, Richie JP.
- 06.08 *Fish Intake and Risk of Kidney Cancer*, National Tribal Conference on Environmental Management, Billings, MT, June 25, 2008. Wilson RT, Knepp K.  
<http://www.ntcem8.org/presentations.htm>
- 05.08 *Breast and Cervical Cancer Screening of American Indian women in Montana and*

- Wyoming, Penn State University College of Medicine Student Research Symposium, Best Student Paper Award Presentation, Hershey, PA, May 2008. \*Kasicky K, Hemlock B, Giroux J, Wilson RT.
- 03.08 *Does Vitamin D Prevent Cancer?* Penn State Hershey Cancer Institute Annual Public Forum: “Our Environment and Cancer Risk,” Hershey, PA, March 15, 2008.
- 11.07 *Self-reported race, skin reflectance, and genetic ancestry in association with serum vitamin D*, Penn State Hershey Cancer Institute Annual Meeting, Hershey, PA, November 29, 2007. Wilson RT, Roff A, Wang K, Hartman T, Chase GA, Frudakis T, Demers L, Shriver MD—poster.
- 11.07 *How Congressional Staffers Translate Research for Policy Makers*, 135<sup>th</sup> Annual Meeting of the American Public Health Association, Epidemiology Section, Washington, DC, November 5, 2007. Panelists: Lister S, Cha S, Chang O. Discussants/Organizers: Wilson RT, Hirshon JM, Bancroft E, Hoppert D. [http://apha.confex.com/apha/135am/techprogram/session\\_21686.htm](http://apha.confex.com/apha/135am/techprogram/session_21686.htm)
- 11.07 *Colon Cancer in Pennsylvania: Predictors of County-Level Incidence and Geographic Clustering*, 135<sup>th</sup> Annual Meeting of the American Public Health Association, Epidemiology Section, Washington, DC, November 5, 2007. Wilson RT, Liu Y, Lehman E, Lengerich E. [http://apha.confex.com/apha/135am/techprogram/paper\\_163016.htm](http://apha.confex.com/apha/135am/techprogram/paper_163016.htm)
- 09.07 *Mapping and Cancer Disparities*, Annual Meeting of the Appalachian Community Cancer Network, Hershey, PA, September 28, 2007.
- 06.07 *Self-reported race, skin reflectance, and genetic ancestry in association with serum vitamin D*, American Association for Cancer Research, Complex Pathways in Molecular Epidemiology, Albuquerque, NM, June 1, 2007. Wilson RT, Roff A, Wang J, Hartman T, Chase GA, Frudakis T, Demers L, Shriver MD.—poster. <http://www.aacr.org/home/scientists/meetings--workshops/special-conferences/previous-special-conferences/2007--2008-special-conferences/approaches-to-complex-pathways-in-molecular-epidemiology.aspx>
- 05.07 *Studying Vitamin D and its Role in Renal Cell Cancer: A Pathway Approach*, Penn State University College of Medicine, Molecular Epidemiology Working Group, Hershey, PA, May 13, 2007. \*Roff A, Wilson RT.
- 04.07 *Cancer Health Disparities Among Native Americans*, Penn State University College of Health and Human Development, Department of Health Policy Administration Colloquium, State College, PA, April 30, 2007. <http://live.psu.edu/story/23891>
- 03.07 *Vitamin D and Genetic Ancestry*, Penn State University Biochemistry and Molecular Biology Department Colloquia, Hershey, PA, March 26, 2007.
- 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.*
- 02.07 *Functional Vitamin D Receptor Gene Variants and Racial/Ethnic Cancer Disparities*, Penn State University Molecular Epidemiology Working Group, Hershey, PA.
- 09.06 *Vitamin D, Fish Intake, and Renal Cell Cancer Risk in Finland*, Penn State University Department of Nutrition Sciences Colloquia, State College, PA.
- 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.
- 06.06 *Supplementary and Dietary Vitamin D and Renal Cell Cancer Risk*, American Institute for Cancer Research Annual Meeting, Washington DC. Wilson RT, Wang J, Chinchilli V, Richie JP, Moore LE, Albanes D. —poster.
- 04.06 *Renal Cell Cancer and Vitamin D Intake*, Penn State Hershey Cancer Institute, Cancer Prevention and Control Program, Hershey, PA.
- 04.06 *Sources of Data for Clinical Research*, Junior Faculty Development Program, Penn State University College of Medicine, Hershey, PA, April 5, 2006.
- 02.06 *Supplementary and Dietary Vitamin D Intake and Renal Cell Cancer Risk*, American Society for Preventive Oncology, Bethesda, MD, February 27-28, 2006. Wilson RT, Wang J, Chinchilli V, Richie JP, Moore LE, Albanes D.—poster.
- 02.06 *Ascending versus Descending Colon Cancer Incidence in Pennsylvania, 1994-2002*, American Society for Preventive Oncology, Bethesda, MD, February 27, 2006. Liu Y, Wilson RT, Lengerich E.—poster.
- 12.05 *Lifestyle Factors, Exposures, Genetic Susceptibility and Renal Cell Cancer*, Pennsylvania State Department of Health, Division of Epidemiology, December 20, 2005, Harrisburg PA.
- 12.05 *Risks among cases and controls in the Alpha-Tocopherol Beta Carotene Study*, 133<sup>rd</sup> Annual Meeting of the American Public Health Association, Epidemiology Section, Philadelphia, PA. \*Jones T, Wilson RT, Moore LE, Albanes D.—poster.  
[http://apha.confex.com/apha/133am/techprogram/paper\\_101854.htm](http://apha.confex.com/apha/133am/techprogram/paper_101854.htm)
- 10.05 *The Vitamin D Receptor Pathway: Do haplotype combinations predict phenotype?* October 18, Penn State Hershey Cancer Institute, Molecular Epidemiology Working Group, Hershey, PA. \*Roff A, Wilson RT.
- 10.05 *Multiple Kidney Cancer Risk Among African Americans and Whites in the US, 1973-2000*, Penn State University Department of Biobehavioral Health, College of Health and Human Development, State College, PA, October 10 2005.

- 09.05 *Choosing a Mentor*, Penn State University Junior Faculty Development Program, Hershey, PA, September 2, 2005.
- 05.05 *Parental Pesticide Exposure and Leukemia Risk*, Penn State Hershey Cancer Institute, University Park, PA, May 25, 2005. Wilson RT, Moore LE, Stewart P, Dyer AM, Shu XO, Robison L.
- 04.05 *The potential role of vitamin D in renal cell carcinogenesis*, Penn State University College of Medicine, Department of Health Evaluation Sciences Seminar Series, Hershey, PA.
- 11.04 *Occupation in relation to cancers of the bladder and renal pelvis in Sweden*, 132<sup>nd</sup> Annual Meeting of the American Public Health Association, Washington, DC. Wilson RT, \*Donahue M, Gridley G, El Ghormli L, Dosemeci M, Silverman D.—poster [http://apha.confex.com/apha/132am/techprogram/paper\\_89982.htm](http://apha.confex.com/apha/132am/techprogram/paper_89982.htm)
- 11.04 *Geographic, demographic and primary care patterns in relation to stage at diagnosis among American Indian cancer patients in New Mexico and Arizona*, 132<sup>nd</sup> Annual Meeting of the American Public Health Association, Washington, DC. Wilson RT, Cobb N, Key C, Torner J. [http://apha.confex.com/apha/132am/techprogram/paper\\_78226.htm](http://apha.confex.com/apha/132am/techprogram/paper_78226.htm)
- 11.03 *Salivary gland cancer mortality in relation to occupational exposure among African American and white workers in the United States*, 131<sup>st</sup> Annual Meeting of the American Public Health Association, San Francisco, CA. Wilson RT, Moore LE, Dosemeci M. [http://apha.confex.com/apha/131am/techprogram/paper\\_66106.htm](http://apha.confex.com/apha/131am/techprogram/paper_66106.htm)
- 11.03 *Cancer disparities of American Indians/Alaska Natives in the southwestern U.S. and Alaska*, 131<sup>st</sup> Annual Meeting of the American Public Health Association, Epidemiology Section. San Francisco, CA. \*Key C, Lanier A, Kelly JJ, Miller B, Wilson RT, Edwards BK. [http://apha.confex.com/apha/131am/techprogram/paper\\_74641.htm](http://apha.confex.com/apha/131am/techprogram/paper_74641.htm)
- 09.03 *Salivary gland cancer mortality in relation to occupational exposure among African American and white workers in the United States*, Annual Meeting of the American College of Epidemiology, Chicago, IL, September 6-9, 2003. Wilson RT, Moore LE, Dosemeci M.—poster.
- 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*, Society for Epidemiologic Research, Palm Desert, CA. Wilson RT, Ward MH, Pickle LW.
- 06.02 *Assessing and Improving the Quality of Cancer Surveillance Data for American Indians in the Surveillance, Epidemiology, and End Results (SEER) Program*, Meeting of the North American Association of Central Cancer Registries, Toronto, Canada. \*Wiggins

- CL, Espey D, Key CR, Darling R, Davidson AM, Puckett LL, Miller B, Wilson RT, Edwards BK.
- 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.
- 04.01 *Spatial Association Between Renal Cancers and Toxic Release Inventory Sites, New Mexico 1989-98*, NCI Surveillance Research Program, Spatial Modeling Working Group, Bethesda, MD. Linda Pickle, Director.
- 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, Washington, DC. Jeff Lange, Coordinator.
- 11.00 *Falls and Injury Among Community-dwelling Elders in the US: The Role of Economic Status*, 128<sup>th</sup> Annual Meeting of the American Public Health Association, Boston, MA. Wilson RT, Nichols SLB, Wallace RB.  
[http://apha.confex.com/apha/128am/techprogram/paper\\_9791.htm](http://apha.confex.com/apha/128am/techprogram/paper_9791.htm)
- 11.00 *Racial/ethnic Differences in Female Breast Cancer Treatment Patterns Using SEER-Medicare Linked Data: New Mexico and Arizona, 1987-1996*, 128<sup>th</sup> Annual Meeting of the American Public Health Association, Boston, MA. Wilson RT, Burhansstipanov L, Warren J, Cobb N, Key C.  
[http://apha.confex.com/apha/128am/techprogram/session\\_3640.htm](http://apha.confex.com/apha/128am/techprogram/session_3640.htm)
- 11.00 *Caution in Using Electronic Data to Track Cancer Screening and Other Preventive Services*, 128<sup>th</sup> Annual Meeting of the American Public Health Association, American Indian, Alaska Native and Native Hawaiian Caucus, Boston, MA. Wilson RT, Dick J, Cobb N.  
[http://apha.confex.com/apha/128am/techprogram/paper\\_9908.htm](http://apha.confex.com/apha/128am/techprogram/paper_9908.htm)
- 11.00 *Patterns of Care Among Native American Cancer Patients: Final Report*. Network for Cancer Research among American Indian and Alaska Natives, Rochester, MN. Judith Kaur, Chair.
- 04.00 *Patterns of Care Among Native American Cancer Patients: Progress to Date and Breast Cancer Treatment Pattern Results*, NCI Colloquium on Cancer Information in Indian Country, Albuquerque, NM. Lillian Tom-Orme, Director. Wilson RT, Cobb N.
- 10.99 *Patterns of Care Among Native American Cancer Patients: Validation Study Results*, Network for Cancer Research among American Indian and Alaska Natives, Rochester, MN. Judith Kaur, Chair. Wilson RT, Cobb N.
- 09.99 *New H. pylori Infection Risk in American Indian Children: Plan of Study*. With P Mysliwiec. Presentation to the Inter-tribal Council of Arizona (ITCA), Phoenix, AZ. A

- Montiel, ITCA Research Program Coordinator. Wilson RT, Mysliwiec P.
- 04.99 *Patterns of Care Among Native American Cancer Patients: Age as a Risk Factor for Late Stage at Diagnosis*, 11<sup>th</sup> Annual Indian Health Service Research Conference, Albuquerque, NM. Wilson RT, Cobb N, Key C.
- 10.98 *Patterns of Care Among Native American Cancer Patients: Survival and Stage at Diagnosis Outcomes*, Network for Cancer Research among American Indian and Alaska Natives, Rochester, MN. James Hampton, Chair. Wilson RT, Cobb N.
- 06.98 *Linked Blue Cross/Blue Shield – tumor registry database for breast cancer health services research*, 15<sup>th</sup> Annual Meeting of the Association for Health Services Research, Abstract #461, page 266, Washington, DC, June 21, 1998. \*Doebbeling BN, Wyant D, McGuire S, Wagner D, Wilson RT, McCoy K, Lynch C. –poster.
- 06.98 *Epidemiology of H. pylori Infection in Native American Children: A Proposal*, Phoenix Indian Medical Center, Phoenix, AZ. Vincent Berkley, Clinical Director. Wilson RT, Mysliwiec P.
- 06.98 *Patterns of Care Among Native American Cancer Patients*, Navajo Nation, Church Rock Chapter, Church Rock, NM. Leonard Francisco, Chapter Coordinator.
- 05.98 *Patterns of Care Among Native American Cancer Patients: Update*, Network for Cancer Research among American Indian and Alaska Natives, Washington, DC. James Hampton, Chair.
- 05.98 *Patterns of Care Among Native American Cancer Patients: Plan of Study*, Inter-Tribal Council of Arizona Research Program, Phoenix, AZ. Alida Montiel, Research Program Coordinator.
- 04.98 *Childhood Vaccination Coverage in a Northern Plains Indian Community: Retrieving Reliable Information on Vaccination Status*, Plenary Session Presentation for the 10<sup>th</sup> Annual Indian Health Service Research Conference, Albuquerque, NM. Wilson RT, Thoroughman DA, Cheek JE, Hunt DK, Doyle TJ, Golaz A, Khetsuriani N.
- 04.98 *Patterns of Care Among Native American Cancer Patients: Plan of Study*, Gallup Indian Medical Center Community Health Board, Gallup, NM. Timothy Fleming, Clinical Director.
- 10.97 *Patterns of Care Among Native American Cancer Patients: Plan of Study*, Network for Cancer Research among American Indian and Alaska Natives, Rochester, MN. James Hampton, Chair. Wilson RT, Cobb N.
- 04.97 *The Human Pathology World Wide Web Project*, Pathology Department Seminar, University of Iowa, Iowa City, IA. Wilson RT, Baumbach G.
- 12.96 *The Global Trade in Blood and Blood Products and the AIDS Epidemic*, The Ethics

Seminar, KSUI Radio, University of Iowa, Iowa City, IA. James McCue, Director.  
Minkin S, Wilson RT.

10.96 *Molecular Epidemiology of HIV in Southeast Asia*, International Health Epidemiology Course, University of Iowa, Iowa City, IA. James Cerhan, Course Director.

07.96 *Deforestation and the Emergence of Arthropod-borne pathogens in Thailand: Dengue Fever and Resistant Malaria*, Southeast Asian Summer Studies Institute Research Seminar, Tempe, AZ.

04.95 *Evidence for the Origin and Diffusion of HIV/AIDS*, Seminar in Global Health, University of Iowa International Health Certificate Program, Iowa City, IA. Paul Greenough, Director.

04.94 *Spatial Diffusion of HIV in Sub-Saharan Africa, 1985-1993*, 36<sup>th</sup> Annual Western Social Science Association Meeting, Albuquerque, NM. Wilson RT, Becker C.