

Andra Wilkinson

Andra.Wilkinson@gmail.com

720-394-1660

Summary

Research Scientist doing applied adolescent health research on topics including sexual health, substance use, mental health, and gender. Background includes seven years of professional experience in public health and doctoral training focused on complex statistical analysis and research methods. Demonstrated ability to lead/work in teams, manage simultaneous projects, and communicate with diverse audiences.

Education

University of North Carolina at Chapel Hill May 2016

Gillings School of Global Public Health

- Ph.D. Maternal and Child Health, minor in Demography, May 2016
 - Committee: Drs. Carolyn Halpern, Susan Ennett, Kathleen Harris, Jon Hussey, Meghan Shanahan
 - Dissertation topic: Growth curve analysis of substance use and depression trajectories
- M.S.P.H. Maternal and Child Health, December 2013
 - Team: Drs. Audrey Pettifor, Harsha Thirumurthy, Kathleen Kahn, Mark Collinson, Molly Rosenberg
 - Thesis topic: Mixed methods analysis of predictors of youth employment

University of Colorado at Boulder May 2009

- B.A. *Summa cum laude*, Integrative Physiology
- Minor, Women and Gender Studies
- Certificate, Leadership

Global Institute for Leadership and Civic Development July 2006

Charles University, Czech Republic

Professional Experience

Research Scientist June 2016-present

Child Trends

- Researching diverse adolescent health issues; evaluating program implementation and outcomes

Adjunct Assistant Professor July 2016-present

Gillings School of Global Public Health, Maternal and Child Health

- Lecturing, evaluating student comprehensive exams, and supporting the Department

Pre-Doctoral Trainee August 2012-May 2016

Carolina Population Center, Chapel Hill, NC

- Led data analysis (using Stata and SAS), interpretation, and manuscript writing for diverse projects
- Collaborated with researchers in epidemiology, health policy, health behavior, and sociology

Project Site Manager June-August 2013

Poverty Alleviation Pilot, Mpumalanga, South Africa

- Managed team of 8 to study predictors of youth employment and sex differences in rural South Africa
- Led data collection, analysis, and manuscript writing. Doubled staff productivity.
- Disseminated research findings to local community with accessible, one-page handout; found and collaborated with 12 government leaders to understand existing resources in the community for youth

Knowledge Management & Innovation Specialist December 2009-July 2012

Kaiser Permanente, Denver, CO

- Managed quality improvement and evaluation projects across the department such as assessing racial/ethnic disparities in preventive screening and then designing and helping implement and take to scale tailored health communication for 10,000 members.
- Designed literature reviews and reports and presented them to leaders to inform decision making.

Publications

- Wilkinson A**, Halpern CT, Herring AH, Shanahan M, Hussey J, Harris KM. Growth curves of marijuana, binge drinking, and depressive symptoms, inter-relationships and moderation by sex. *Journal of Adolescence Health* 2016 (in press).
- Wilkinson AL**, Herring AH, Halpern CT. Directions of the relationship between substance use and depressive symptoms from adolescence to young adulthood. *Addictive Behaviors* 2016; 60:64-70.
- Wilkinson A**, Rosenberg M, Pettifor A, Thirumurthy H, et al. The employment environment for youth in rural South Africa: A mixed methods study. *Development Southern Africa*, 2016 (in press).
- Kempe K, Larson RS, Shetterly S, **Wilkinson A**. Breast cancer screening in an insured population: Whom are we missing? *The Permanente Journal* 2013;17(1):38-44
- Mexal S, Horton WJ, Crouch EL, Maier SIB, **Wilkinson AL**, Marsolek M, Stitzel JA. Diurnal variation in nicotine sensitivity in mice: Role of genetic background and melatonin. *Neuropharmacology* 2012; 63:966-73.

Under Review

- Wilkinson A**, Link S, Wheeler SD. Screening for and treating postpartum depression: A cost effectiveness analysis.
- Wilkinson A**, Fleming P, Halpern CT, Herring AH, Harris KM. Adherence to Gender-Typical Behavior and high frequency substance use from adolescence into young adulthood.

In Preparation

- Wilkinson A**, Halpern CT, Herring AH, Shanahan M, Hussey J, Harris KM. Sensation seeking, biomarkers of stress, and adherence to gender norms as potential mediators of the longitudinal associations between binge drinking, marijuana use, and depressive symptoms.
- Fleming PJ, **Wilkinson A**, Halpern CT, Harris KM. Are men and women who adhere to gender-typical behavior more likely to engage in concurrent sexual partnerships? A nationally representative longitudinal data analysis.
- Link S, **Wilkinson A**, Hassmiller-Lich K, Matson P. System leverage points applied to STI transmission among low-income African American youth.

Presentations

Conference Papers

- Wilkinson A**, Herring A, Halpern CT. Directions of the Relationship between Substance Use and Depressive Symptoms from Adolescent to Young Adulthood. *Population Association of America*, San Diego, CA, May 2015
- Wilkinson A**, Fleming P, Halpern CT, Harris KM. Adherence to Gender-Typical Behavior and High Frequency Substance Use from Adolescence into Young Adulthood. *Population Association of America*, San Diego, CA, May 2015 and *Carolina Population Center*, Chapel Hill, NC, April 2015
- Wilkinson A**, Herring A, Halpern CT. Co-morbid or causal? The interactions between adolescent risk taking and depressive symptoms. *American Public Health Association*, Boston, MA, November 2013
- Wilkinson A**, Naom S, Haidar M, et al. Course development: Implementation Science. *Association of Teachers in Maternal and Child Health*, Boston, MA, November 2013
- Wilkinson A**, Rosenberg M, Pettifor A, Thirumurthy H, et al. Predictors of youth employment in rural South Africa. *Carolina Population Center*, Chapel Hill, NC, November 2013

Posters

- Wilkinson A**, Herring A, Halpern CT. Trajectories of adolescent substance use, sexual risk taking and depressive symptoms using the National Longitudinal Study of Adolescent to Adult Health. *American Public Health Association*; 2015 November 1-3; Chicago IL.
- Wilkinson AL**, Rosenberg M, Pettifor A, Thirumurthy H, Collinson M, Kahn K. Predictors of youth employment in South Africa and implications for poverty alleviation policies. *Consortium of Universities for Global Health*; 2014 May 10-12; Washington DC.
- Larson RS, **Wilkinson A**, Wallace K. Evidence-informed decision making to address health care disparities: The role of data. *10th Annual Culture of Data Conference*; 2011 Oct 7; Arvada, CO.
- Larson, RS, Wallace K, **Wilkinson A**. Utilization of data to inform population management strategies in health care disparities: Culturally tailored health communications in breast cancer screening. *9th Annual Culture of Data Conference*; 2010 Oct 8; Arvada, CO.

Grants & Funding

F31 Training Grant, National Institute on Drug Abuse, NIH	August 2014-May 2016
FHI 360 – UNC Public Health Fellowship (declined)	March 2014
Innovation in Teaching Grant, Assoc. of Teachers in Maternal and Child Health	January 2013
Ibrahim Fellowship, UNC Gillings School of Global Public Health	August 2012
Undergraduate Research Opportunities Program grant	2007, 2008, 2009
Puksta Foundation Scholar	2007-2009
El Pomar Foundation Scholar	2006-2008
Presidents Leadership Class Scholar	2005-2009

Memberships

American Public Health Association	2012-present
Population Association of America	2012-present

Awards

Delta Omega, Theta Chapter	April 2016
Student Leadership Institute, Association of Schools/Programs in Public Health	November 2013
Fulbright nominee, Universidad San Francisco de Quito, Ecuador	September 2008
Leadership Exchange student, Denver Metro Chamber Leadership Foundation	October 2008
Top Ten Graduate, College of Arts and Sciences, CU Boulder	May 2009

Leadership Experience

Co-Lead, Implementation Science Student Group	March 2015-May 2016
<ul style="list-style-type: none">Managed monthly discussions of implementation science literature with public health students	
President, Family Planning Journal Club	August 2013-January 2015
<ul style="list-style-type: none">Facilitated biweekly discussions of family planning literature with public health students	
Founder & President, Wise Women Group	May 2010-July 2012
<ul style="list-style-type: none">Organized monthly volunteer projects and book discussions for young women professionals	
Founder & President, Masculinity Think Tank, CU Boulder	January 2007-May 2009
<ul style="list-style-type: none">Created monthly discussions and activism among male students about sexual assault prevention	
Board Co-Chair, Women's Resource Center, CU Boulder	January 2006-May 2008
<ul style="list-style-type: none">Designed and led innovative programs to generate stronger community alliances	
Co-President, Student Association for Pre-Health Professionals	August 2005-January 2007
<ul style="list-style-type: none">Oversaw 15-person team coordinating weekly speakers on and volunteering in Colorado health care	

Service

Volunteering

RTI Global Gender Center	October 2015-present
<ul style="list-style-type: none">Promoting knowledge, policies, and programs to reduce gender inequities and disparities	
Gender Working Group Member, Triangle Global Health Consortium	January 2013-May 2015
<ul style="list-style-type: none">Designed needs assessment for gender training in global health among local universities	
Reproductive Health Educator, Togo, West Africa	June-July 2009
<ul style="list-style-type: none">Taught sexual health information to over 200 villagers with Peace Corps volunteer	
Clinic Volunteer, Clinica Salud	March 2007-March 2008
<ul style="list-style-type: none">Provided free health checks for migrant farm and factory workers in rural Colorado	

Mentoring

Intern Mentor, Carolina Population Center	Summer 2013/2014/2015
<ul style="list-style-type: none">Advised 8 undergraduate interns on independent research analyses and conference presentations	
Mentor, Durham Nativity School	May-June 2014
<ul style="list-style-type: none">Mentored 8 adolescent males through a healthy masculinity summer program	
Mentor, Sexual Health & AIDS Awareness Peer Education	August 2006-June 2007
<ul style="list-style-type: none">Trained and supported 20 high school students in sexual health peer education in high schools	
Tutor, Family Learning Center	August 2005-May 2007

- Tutored Spanish-speaking students of all ages in math, reading, and writing

Reviewing

Journal of Adolescent Health; Preventive Medicine; Addictive Behaviors

Teaching Experience

Invited Lectures

Wilkinson A. Implementation Science in MCH. MHCH 890 Health Transformation & Implementation	Spring 2015
Wilkinson A, Link S. Screening for postpartum depression: A cost effectiveness analysis. HPM 779 Operations Research	December 2014
Wilkinson A. Implementation Science in MCH. MHCH 700 Planning and Evaluation and MHCH 713 Research Methods	Fall 2013 – ongoing
Wilkinson A & Ringel-Kulka T. USPSTF: Scope, Process, and Function. MHCH 801 Doctoral Seminar	November 2012
Ringel-Kulka T & Wilkinson A. Cochrane Library: Scope, Process, Function. MHCH 801 Doctoral Seminar	November 2012

Course Development

Led design of biweekly summer teaching seminar for PhD students	May-August 2014
Led design of two implementation science courses	January-May 2013
Collaborated with faculty to design course on social inequalities	August 2008-May 2009

Teaching Assistantships

Foundations in Maternal and Child Health, I	January-May 2013
Foundations in Maternal and Child Health, II	May-August 2013
Multilevel Issues in Leadership	August-December 2008

Other Speaking Experiences

Leadership exCHANGE	July 2016
Healthy Masculinity Action Project, Durham, North Carolina	November 2012
Chancellor's Donor Dinner, Boulder, Colorado	October 2008
Denver Metro Chamber Leadership Foundation, Denver, Colorado	October 2008
Students Today Leaders Forever, Denver, Colorado	March 2008
Presidential Award for Community Service, San Diego, California	February 2008
El Pomar Foundation Summit, Colorado Springs, Colorado	February 2008

Training

Selected Graduate Courses

- | | |
|--|---|
| <ul style="list-style-type: none"> • Biostatistics • Epidemiology • Monitoring and evaluation • Program and impact evaluation • Linear regression • Longitudinal data analysis • Research methods I, II, and III • Demography I, II • Masculinity and health • Cost effectiveness analysis | <ul style="list-style-type: none"> • Life course sociology • Disseminating evidence • Socioeconomic factors in fertility • International family planning/reproductive health • Theoretical perspectives in maternal/child health • Systematic reviews • Systems science in health • SAS: Statistical computing and data mgmt. • Foundations in Maternal and Child Health I, II • Teaching |
|--|---|

Additional Training

- | | |
|---|-------------|
| • Mplus programming, Odum Institute, UNC | March, 2016 |
| • Applied methods for health transformation implementation, UNC | June 2015 |
| • Monitoring and evaluation fundamentals, MEASURE Evaluation | August 2013 |