

# CHRISTINE E. WALSH, MSPH

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## EDUCATION

### University of North Carolina at Chapel Hill, Gillings School of Global Public Health

MSPH, Health Behavior

2016 – 2018

PhD, Health Behavior

Expected 2021

### Middlebury College, Middlebury, VT

Bachelor of Arts in Psychology, *magna cum laude*

2009 – 2013

## RESEARCH EXPERIENCE

### Carolina Population Center, Chapel Hill, NC

May 2019 – Present

Biosocial Predoctoral Trainee, Graduate Research Assistant

- *PI: Y. Claire Yang, PhD.* Lead and support a variety of research projects with faculty fellows and graduate students, including an investigation of social disparities in BMI trajectories using integrative data analysis methods and multi-level modeling, and assessing cohort variations in relationship between biomarkers and cognition in aging
- Manipulate large longitudinal data sets and write statistical code in Stata and R to produce growth curves
- *PI: Shelley Golden, PhD.* Collaborate with PI and team of external researchers to conduct systematic review of literature on relationship between social welfare policy and health behavior outcomes

### Counter Tools, Inc., Carrboro, NC

2016 – 2017

Graduate Research Assistant

- *PI: Allison Myers, PhD.* Part of a technology team focusing on the development and dissemination of a web-based software tool to collect and analyze tobacco and food retailer data. Served as lead on Help Desk, creating client-facing resources and internal knowledge base and managed all requests
- Conducted initial literature search for systematic review of food environment literature and developed article abstraction survey used to calculate inter-rater reliability

### Truven Health Analytics, an IBM Watson Health Company, Durham, NC

Jan – August 2016

Senior Research Analyst

- Oversaw project management of technical assistance activities, including the development of webinars and training tools for state applicants in the CMS 223 Demonstration Program for Certified Community Behavioral Health Clinics
- Designed and conducted data analysis of psychiatric CPT codes to determine differences in utilization and provider reimbursement of mental health services
- Translated policy language into consumer education materials on Affordable Care Act mental health/substance use disorder parity protections and insurance benefits
- Provided written support for business proposals and worked directly with government agency clients to determine project scopes and budgets

### Truven Health Analytics, Bethesda, MD

2013 – 2015

Research Analyst I & II

- Provided data analysis and client support as part of team conducting analysis of health care costs, access, utilization, and quality outcomes for federal government agencies
- Performed literature reviews using electronic databases to assist in the preparation of research protocols and tracking logs, and article abstraction
- Independently managed Bethesda office wellness program budget and activities as Wellness Coordinator

**Middlebury College Psychology Department, Middlebury, VT**

2011 – 2013

Research Assistant, The Electronic Tether Project

- Led comprehensive literature search and developed student-parent communication survey instrument as part of research team; oversaw data collection of over 500 student surveys
- Analyzed survey results using SPSS to generate descriptive and statistical analyses, and presented findings at all-school research symposium

**Duke University Center for Child and Family Policy, Durham, NC**

Summer 2012

Visiting Research Fellow

- Conducted interviews with English-speaking and Spanish-speaking families for the evaluation of the Durham Connects newborn nurse visiting intervention
- Observed and recorded assessments of family functioning and child development through home environment and child interaction observation

**TEACHING EXPERIENCE****University of North Carolina at Chapel Hill, Gillings School of Global Public Health**

Aug 2017 – May 2019

Graduate Teaching Assistant, *HBEH 600 Social and Behavioral Sciences in Public Health*

- Assist weekly in-person class recitation, facilitating student understanding of course material, providing individual feedback on participation, grading exams, and assisting groups in development of final project.

**PEER-REVIEWED PUBLICATIONS**

Lynch, S., Teich, J., Witt, W., Ali, M., Mutter, R., Gibbons, B., & Walsh, C. (2020). Follow-up Care After Behavioral Health-Related Hospitalization for Children and Adolescents (forthcoming). *Community Mental Health Journal*.

Lynch, S., Witt, W., Ali, M. M., Teich, J., Mutter, R., Gibbons, B., & Walsh, C. (2019). Measuring follow-up care between primary care and specialty behavioral health settings for children and adolescents. *Social Work in Mental Health*, 1-12.

Lynch, S., Witt, W., Ali, M., Teich, J., Mutter, R., Gibbons, B., & Walsh, C. (2018). Care Coordination in Emergency Departments for Children and Adolescents With Behavioral Health Conditions. *Pediatric Emergency Care*.

Fullerton, C. A., Witt, W. P., Chow, C. M., Gokhale, M., Walsh, C. E., Crable, E. L., & Naeger, S. (2017). Impact of a Usual Source of Care on Health Care Use, Spending, and Quality Among Adults With Mental Health Conditions. *Administration and Policy in Mental Health and Mental Health Services Research*, 1-10.

Witt, W. P., Fullerton, C. A., Chow, C., Gokhale, M., Naeger, S., Walsh, C., & Karnell, L. (2017). Effect of Having a Usual Source of Care on Health Care Outcomes Among Children With Serious Emotional Disturbance. *Academic pediatrics*, 17(1), 45-52.

Seibert, J., Fields, S., Fullerton, C., Mark, T., Malkani, S., Walsh, C., Ehrlich, E., Imshaug, M., & Tabrizi, M. (2015). Use of Quality Measures for Medicaid Behavioral Health Services by State Agencies: Implications for Health Care Reform. *Psychiatric Services*, 66(6), 585-591.

**PAPERS IN PREPARATION**

Yang, Y. C., Walsh, C., Johnson, M., Reason, M., Aiello, A., Belsky, D., Harris, K.M., Curran, P., & Chanti-Ketterl, M. "Life Course Trajectories of Body Mass Index from Adolescence to Old Age: Racial/Ethnic and Educational Disparities."

Obhi, H.K, Oi, K., Walsh, C. & Yang, Y. C.. "Cognitive Trajectory Profiles and the Risk of Dementia and Mortality: A Joint Latent Class and Latent Process Approach Using the ADAMS Dataset."

Walsh, C., Hanson, K., Seguin, R., Ammerman, A., Jilcott Pitts, S., Kolodinsky, J., Sitaker, M., & Ennett, S. T. (2019). Snacking, Sugar Sweetened Beverage Consumption, and Overweight among Children in Low-Income Households. (submitted to *Public Health Nutrition*)

## PRESENTATIONS

Walsh, C. April 2020. Life Course Trajectories of Body Mass Index from Adolescence to Old Age: Racial/Ethnic and Educational Disparities. Population Association of America Annual Meeting, Washington, DC [Poster]

Walsh, C. February 2020. Racial/Ethnic and Educational Disparities in Body Mass Index from Adolescence to Old Age. Minority Health Conference, Chapel Hill, NC [Poster]

Fullerton, C, Witt, W, Chow, C, Walsh, C, Crable, E, & Naeger, S. June 2015. The Impact of Having a Usual Source of Care for Adults with Severe Mental Illness on Health Care Spending, Utilization, and Quality. Academy Health Annual Research Meeting, Minneapolis, MN [Abstract]

Walsh, C. & Pollick, S. May 2013. Student-Parent Communication in the Digital Age. Undergraduate Research Symposium, Middlebury, VT [Oral Presentation and Abstract]

Madore, K, McCauley, M, Harney, S, Walsh C, & Dodge, E. March 2013. Improving Children's Dietary Recall and Recognition with the Cognitive Interview. Annual Meeting of the Eastern Psychological Association, NY, NY [Poster]

Harney, S, Walsh, C, & Dodge, E. April 2012. Testing the Value of Using the Cognitive Interview to Help Children's Dietary Recall. Vermont Genetics Network Undergraduate Career Day Symposium, Burlington, VT [Poster]

## TECHNICAL TRAINING AND SKILLS

**Computing:** Stata, R, SAS, Mplus, Microsoft Office Suite, Adobe Acrobat Pro, MarketScan® Treatment Pathways, HTML/CSS, JavaScript, web-based survey instruments

**Certifications:** CITI IRB Training Certification, HIPAA Training Certification, American Council of Teaching Foreign Language Certification for Spanish

**Selected Coursework:** Longitudinal Multi-level Modeling, Nutrition Epidemiology, Generalized Linear Modeling, Hierarchical Data Structure Analysis, Integrating Social and Biological Perspectives on Human Health

## AWARDS

Predoctoral Biosocial Training Fellowship, Carolina Population Center (2019-2020)

Gillings Merit Scholar, University of North Carolina at Chapel Hill (2016)

Above and Beyond Award – Promoting Business Growth, Truven Health Analytics (2014)

Above and Beyond Award – Perform with Excellence, Truven Health Analytics (2014, 2015, 2016)

NESCAC All-Academic, Middlebury College (2010, 2011, 2012, 2013)

College Scholar, Middlebury College (2012, 2013)

Dean's List, Middlebury College (2010, 2011, 2012, 2013)

## MEMBERSHIPS

Graduate and Professional Student Federation

- Health Behavior Senator (2016 – present)
- State of Graduate and Professional Students Committee
  - Vice-Chair (2019 – present)
  - Member (2017 – 2019)
- Graduate and Professional Students Rights Committee (2016 – 2017)

Food Justice and Equity Student Group

- Founding member, Treasurer (2019 – present)

Minority Health Conference

- Speakers Committee, Co-Chair (2017 – 2018)
- Speakers Committee, Member (2016 – 2017)

Psi Chi International Psychology Honors Society member (2013 – present)