

# Robert (Robbie) Chaney

Associate Professor  
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## EDUCATION

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PhD — Public Health Education, University of Cincinnati (2014)

MS — Public Health Education, University of Cincinnati (2012)

MS — Statistics, West Virginia University (2010)

BS — Microbiology, Washington State University (2008)

## PROFESSIONAL EXPERIENCE

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2020-present Associate Professor, Department of Public Health, Brigham Young University

2014-2020 Assistant Professor, Department of Public Health, Brigham Young University

2012-2014 Graduate Assistant, Center for the Enhancement of Teaching and Learning, University of Cincinnati

2010-2012 Graduate Assistant, Department of Health Promotion and Education, University of Cincinnati

2012 Evaluation Coordinator, Coalition for a Drug-free Greater Cincinnati

2011 Intern, Coalition for a Drug-free Greater Cincinnati

2010 Intern, Health Care Access Now — Cincinnati

2008-2010 Graduate Teaching Assistant, Department of Statistics, West Virginia University

## SCHOLARLY WORKS

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### Peer-reviewed Journal Articles

18. **RA Chaney**, LA Spruance, & JD Johnston (2021). Characterizing Fine Particulate Air Pollution at Two Urban Elementary Schools: A Pilot Study of Arrival and Departure Environments. *Associative Journal of Health Sciences*.
17. IM Errigo, BW Abbott, L Mitchell, DL Mendoza, SS Sayedi, J Glenn, JD Beard, S Bratsman, T Carter, **RA Chaney**, A Follett, A Freeman, RJ Frei, M Greenhalgh, H Holmes, PD Howe, JD Johnston, KE Kelly, L Lange, R Martin, A Stacey, T Tran, D Wilson (2020). Human health and economic costs of air pollution in Utah: an expert assessment. *Atmosphere*.
16. J Glenn, M Bluth, M Christianson, J Pressley, A Taylor, GS Macfarlane, & **RA Chaney** (2020). Considering the potential health impacts of electric scooters: an analysis of user reported behaviors in Provo, Utah. *International Journal of Environmental Research and Public Health*.
15. SM Thygerson, MJ House, **RA Chaney**, & S Sanjel (2019). Prevalence of Motorcycle Helmet Use in Kathmandu, Nepal: An Observational Study. *Studies in Engineering and Technology*.

14. PC Hall, T Hoj,\* C Julian,\* G Wright, **RA Chaney**, BT Crookston, & JH West (2019). Pedal-assist Mountain Bikes: A Pilot Study Comparison of the Health Benefits, Perceptions, and Beliefs of Experienced Mountain Bikers. *JMIR Formative Research*.
13. **RA Chaney**, H Montgomery,\* J King,\* N Hendrickson,\* CD Sloan, & JD Johnston. (2019) A Comparison of Perceived and Measured Commuter Air Pollution Exposures. *Journal of Environmental Health*.
12. AM Baer,\* LI Tovar,\* **RA Chaney** (2019). Considering on the Bigger Picture of Public Health — Student Reflections on University Mission. *Pedagogy in Health Promotion*.
11. **RA Chaney**, PC Hall, AR Crowder,\* BT Crookston, & JH West (2019). Mountain biker attitudes and perceptions of eMTBs (electric-mountain bikes). *Sport Sciences for Health*.
10. J King,\* CA Hine,\* T Washburn,\* H Montgomery,\* & **RA Chaney** (2019). Intra-urban patterns of neighborhood-level social capital: a pilot study. *Health Promotion Perspectives*.
9. **RA Chaney**, EJ Stones\* (2019). Access to Soft-surface, Green Exercise Trails in Mountainous, Urban Municipalities. *Environmental Health Insights*.
8. BM Jackson,\* TE Ekins,\* J Low,\* & **RA Chaney** (2018). Skateboarding Policies on College Campuses in the United States: A Look Toward Promoting Use of Active Transportation. *Health Behavior and Policy Review*.
7. **RA Chaney**, CD Sloan, VC Cooper,\* DR Robinson,\* NR Hendrickson,\* TA McCord,\* JD Johnston (2017). Personal exposure to fine particulate air pollution while commuting: An examination of six transport modes on an urban arterial roadway. *Plos ONE*.
6. **RA Chaney** & H Payne\* (2017). Urban College Student Bicycle Commuting: A Look at Differences in Riding Behavior by Gender. *Journal of Community Medicine & Health Education*.
5. **RA Chaney**, K Hendricks, R Cottrell, & DA Birch (2015). Public/community health education professional accreditation among stand-alone programs. *California Journal of Health Promotion*.
4. **RA Chaney** & L. Rojas-Guyler (2015). Spatial Analysis Methods for Health Promotion and Education. *Health Promotion Practice*.
3. **RA Chaney** & L Rojas-Guyler (2015). Spatial Patterns of Adolescent Drug Use. *Applied Geography*.
2. **RA Chaney**, A Bernard, & BRA Wilson (2014). Characterizing Active Transportation Behavior Among College Students Using Theory of Planned Behavior. *International Quarterly of Community Health Education*.
1. **RA Chaney** & CJ Kim (2014). Characterizing bicycle collisions by neighborhood in a large Midwest city. *Health Promotion Practice*.

\* denotes student author

#### Peer-reviewed Presentations

21. A Baer, LI Tovar, & **RA Chaney** (2021, April). Gender-based Perceptions of Nighttime Walking—Exploring Fear of Crime through Virtual Reality Simulations of Environmental Lighting. SOPHE dx Conference.
20. I Errigo, B Abbott<sup>1</sup>, J Reimer, J Glenn, RA Chaney, A Freeman, R Josephine Frei, PD Howe, DL Mendoza, S Bratsman, A Stacey, D Wilson, & L Lange (2019, December). Human Health

and Economic Costs of Air Pollution in Utah: An Expert Assessment. American Geophysical Union fall national meeting, San Francisco, CA.

19. C Hall, T Hoj,\* C Julian,\* G Wright, **RA Chaney**, BT Crookston & JH West (2019, December). Pedal-assist mountain bikes: A pilot study comparison of the exercise response, perceptions, and beliefs of experienced mountain bikers. Scheduled to present at The 3rd Annual International Conference of Public Health and Preventative Medicine, Bangkok, Thailand.
18. **RA Chaney**, C Hall, AR Crowder,\* BT Crookston, & JH West (2019, December ). Mountain Biker Attitudes and Perceptions of eMTBs. Scheduled to present at The 3rd Annual International Conference of Public Health and Preventative Medicine, Bangkok, Thailand.
17. ML Harris,\* E Bennion,\* K MaWhinney K,\* VJ Howard, VG Wadley, LA McClure, DA Levine, JJ Manly, MM Glymour, JJ Wisco, **RA Chaney**, & EL Thacker (2019). Rural versus urban living and incident cognitive impairment in the Reasons for Geographic and Racial Differences in Stroke Study (REGARDS). American Heart Association Epidemiology and Prevention Conference, Houston, TX.
16. **RA Chaney**, LI Tovar,\* J Hansen,\* M Evans,\* & N Ford\* (2018) Student Engagement via Individual Advocacy Projects: Experience for Now and the Future. Society for Public Health Education Advocacy Summit, Washington, DC.
15. MLB Novilla, MC Goates, **RA Chaney**, A Merrill,\* S Burdick,\* C Francis\* (2018) How are We Measuring Equity in Health? Definitions and Measures of Health Equity in the Literature. Utah Society for Public Health Education, Provo, UT.
14. M Lloyd\*, M Tambe\*, S Lutz, & **RA Chaney** (2018). Salt Lake City International Airport: An Exemplary Role Model For Current and Future Lactation Accommodation. Utah Public Health Association, Salt Lake City, UT.
13. N Hendrickson\*, **RA Chaney**, CD Sloan, & JD Johnston. (2018). Predictors and Perceived Risk of Commuter Air Pollution Exposure. American Industrial Hygiene Conference. Philadelphia, PA.
12. JM King\*, H Montgomery\*, **RA Chaney**, CD Sloan, & JD Johnston. (2018). Perceived Risk of Commuter Air Pollution Exposure. Air Quality: Science for Solutions Conference, Ogden, UT.
11. BM Jackson,\* TE Ekins,\* JL Low,\* & **RA Chaney** (2018). Skateboarding policies on college campuses in America: A look toward promoting use of active transportation. Society for Public Health Education (SOPHE) national meeting, Columbus, OH.
10. N Hendrickson\*, VC Cooper\*, CD Sloan, **RA Chaney**, & JD Johnston. (2017). Personal exposure to fine particulate air pollution (PM<sub>2.5</sub>) while commuting: An examination of six transport modes on an urban arterial roadway. American Industrial Hygiene Conference & Expo. Seattle, WA.
9. **RA Chaney**, P. Oliver\*, & R. J. Mortensen\* (2017). Advocacy for Safe Walking/biking Routes to School for Kids through Service-learning. Society for Public Health Education (SOPHE) national meeting, Denver, CO.
8. T. Washburn,\* C. Hine,\* & **RA Chaney** (2016). Spatial patterns of social capital in Atlanta. Utah Public Health Association, SLC, UT.
7. EJ Stones\*, & **RA Chaney** (2016). Access to off-road, mountainous trail bicycling infrastructure in urban municipalities. Utah Public Health Association, SLC, UT.

6. J Tate\*, J Henderson,\* & **RA Chaney** (2016). One step at a time: Creating community partnerships for student service-learning projects. Utah Public Health Association, SLC, UT.
5. H. Payne,\* L.Call,\* & **RA Chaney** (2015). Spaces of Sharrows: A Look at Knowledge and Environmental Contributors to Understanding. Utah Public Health Association, Layton, UT.
4. AL Chalmers,\* & **RA Chaney** (2015). Developing a Bicycle Route Network For Promoting On-Road Safety. Utah Public Health Association, Layton, UT.
3. K Hendricks, **RA Chaney**, R Cottrell, & DA Birch (2013). Public/community health education professional accreditation among small programs: An update. American Association of Health Education (AAHPERD/AAHE) national meeting, Charlotte, NC.
2. **RA Chaney**, A Bernard, & BRA Wilson (2013). Using Theory of Planned Behavior to Predict Active Transportation Among College Students. University of Cincinnati Graduate Research Symposium, Cincinnati, OH.
1. **RA Chaney**, K Hendricks, R Cottrell, & DA Birch (2012). Public/community health education professional accreditation among small programs. Society for Public Health Education (SOPHE) national meeting, San Francisco, CA.

\* denotes student author

#### Workshops, Non-peer-reviewed Presentations, and Technical Reports

8. **RA Chaney** & S McGaw (2013). Assessment and student learning outcomes: Getting started as a graduate assistant. University of Cincinnati Graduate Assistants for Teaching Excellence: Teach Me to Teach Workshop, Cincinnati, OH. [Workshop]
7. **RA Chaney**. (2013). Using data mapping in community health. Coalition Academy, Mason, OH. [Workshop]
6. **RA Chaney** & N Schisler (2012). Utilizing resources for coalition research. Ohio Prevention and Education Conference, Columbus, OH. [Workshop]
5. N Schisler & **RA Chaney** (2012). An example of partnership, data collection and mapping, and decision making. Drug-free Action Alliance Statewide Prevention Coalition Association, Cincinnati, OH. [Workshop]
4. **RA Chaney** (2012). Sweaving R and LaTeX: Creating documents with reproducible analysis embedded within them. Guest lecture given to an advanced graduate statistics course for biology students. [Workshop]
3. **RA Chaney**. Comprehensive Community Assessment: Underage Drinking, Coalition for a Drug-free Greater Cincinnati. Contributing author (2012). [Technical Report]
2. N Schisler & **RA Chaney**. Comprehensive Community Assessment: Non-medical Use of Prescription and Over-the-Counter Medications, Coalition for a Drug-free Greater Cincinnati (2012). [Technical Report]
1. N Schisler & **RA Chaney**. Environmental Assessment of 18-25 Year Olds' Alcohol Use in Hamilton County, as part of the Strategic Prevention Framework-State Incentive Grant, Coalition for a Drug-free Greater Cincinnati. Contributing author (2012). [Technical Report]

## TEACHING EXPERIENCE

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Brigham Young University, Department of Public Health

Quant. & Qual. Methods I (graduate), 1 section per year: Fall 2022 to present.

Adv. Qualitative Analysis and Mixed Methods, 1 section per year: Winter 2021 to present.

Introduction to Data Analysis and Collection, 2-3 sections per year: Fall 2018 to present.  
Health Promotion Methods, 2 sections per year: Fall 2014 to Winter 2018.  
Introduction to Health Promotion, 2-3 sections per year: Fall 2015 to Fall 2021.  
Mentored Research, 1-2 sections per year: Fall 2014 to present.  
Faith & Public Health Seminar, 1 section per year: Winter 2018 to present.  
Readings in Public Health, 0-1 section per year: Fall 2016 to present.

University of Cincinnati, Department of Health Promotion & Education

Applied Statistics for Human Services I, 2 sections per year: Fall 2011 to Spring 2012.  
Applied Statistics for Human Services II, 1 section per year: Spring 2012.  
Weight Control, 8 sections per year: Spring 2011 to Spring 2012.  
Introduction to Epidemiology, 2 sections per year: Spring 2011 to Spring 2012.  
Tennis, 1 section per year: Summer 2011  
Racquetball, 8 sections per year: Fall 2010 to Spring 2011.  
Personal Health, 1 section per year: Fall 2010

West Virginia University, Department of Statistics

Introductory Statistics, teaching assistant & recitation section instructor, 8 sections per year: Fall 2008-Spring 2010  
Elementary Statistical Inference, teaching assistant & recitation section instructor: Spring 2009  
Probability and Statistics, teaching assistant (tutor): Fall 2008

Washington State University, Department of Molecular Biosciences

Medical Microbiology, teaching assistant: Spring 2008, Spring 2007

## **UNIVERSITY SERVICE**

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### Department of Public Health

2022-present MPH Community Health Certificate Coordinator  
2022-present MPH Committee  
2022-present Accreditation Committee  
2020-present Health Promotion Area Coordinator  
2019-2022 Scientific Review Committee  
2019-2019 Merit Pay Committee  
2018-2022 Awards and Scholarships Committee [Chair]  
2018-2019 Mentoring Committee [Chair] (ad hoc)  
2017-2018 MPH Admissions Committee  
2017-2018 Department Name Change Committee [co-chair] (ad hoc)  
2017-2018 Awards & Scholarship Committee  
2016-2017 Faculty Awards Committee  
2015-2016 Merit Pay Committee  
2015-2016 Professional & Alumni Connections Committee  
2014-2015 Accreditation Committee

2014-2015 Undergraduate Curriculum & Learning Committee

#### College of Life Sciences

2023-present College 1st Generation Student Committee  
2018-present College Undergraduate Research Awards (CURA) Grant Review Committee  
2017-2019 College Careers Council  
2017-2018 Mentoring Environment Grant (MEG) Review Committee  
2014-2017 Office of Research & Creative Activities (ORCA) Grant Review Committee

#### Brigham Young University

2022-present University Inspired Learning Awards *nomination reviewer*  
2020-present University Institutional Review Board (IRB) Committee  
2019-2020 First-Get Student Ally Program Mentor  
2014-2021 BYU Campus Bicycle & Transportation Committee

#### Graduate Students advised (MPH) [began fall of year indicated]

2022 Kori Christensen (Chair), Emma Blake, Kai-Li Sam Fong  
2021 Baylor Manley (Chair), Cassidy Bushnell  
2020 Emily Aleson (Chair), Alise Cornia  
2019 Eliza Broadbent (Chair), McKayla McConkie  
2018 Heidi Niedfeldt  
2017 Shelby Benally (Chair), Maggie Freeman  
2016 Ali Jones (Chair)  
2015 Lauren Cunico, Nana Medza, Cassidy Hine, Rachel Ashby (stand-in)  
2014 Hannah Payne, Lauren Call

## **PROFESSIONAL SERVICE**

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#### Professional Committees

2022-present Graduate Student Qualitative Methods Network (GSQMN)  
2018-present Bicycle Transportation Friends Committee — Transportation Review Board (TRB)  
2018-present Bicycle and Pedestrian Data Subcommittee — TBR  
2018-present Health & Transportation Friends Committee— TRB  
2018-present TRB Pedestrian Committee — TRB  
2017-present Advocacy & Resolutions committee — Society for Public Health Education (SOHPE)  
2017-present Ethics Committee — SOPHE  
2017-present Scholarship committee — Team-based Learning Collaborative

#### Journal Editorial Boards

2018-present Invitation to be an “elite reviewer” — Health Promotion Practice  
2016-present Editorial associate — Eta Sigma Gamma

#### Journal Article Reviewer

2023-present Urban Health  
2018-present Environment International

2017-present Traffic Injury & Prevention  
2017-present Plos ONE  
2016-present Urban Research & Practice  
2015-present Women & Health  
2014-present Applied Geography  
2013-present Health Promotion Practice  
2013-present Journal of Health Education Teaching

#### Other Service

2022-present Ephraim Elementary School Community Council  
2022-present Ephraim City Planning & Zoning Committee  
2019-2022 Paper Reviewer—TRB Annual Conference, Pedestrian Committee  
2019-present Provo Safe Routes Coalition  
2013-2014 Student grievance committee — University of Cincinnati  
2013-2014 Graduate Assistants for Teaching Excellence (GATE) committee member and mentor to new graduate student teachers — University of Cincinnati  
2013 Abstract Reviewer — SOPHE 2014 Annual Conference  
2013 Advisory Board — Health Education Graduate Student Virtual Community  
2012-present Research committee member — Coalition for a Drug-free Greater Cincinnati

### **AWARDS**

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2021 Skaggs Distinguished Mentoring Fellowship (BYU, College of Life Sciences)  
2017 American Heart Association (AHA). “Education & Community Programs Award.” Community award given at AHA Lobby Day. [https://www.yourethecure.org/advocate\\_highlight\\_professor\\_robbie\\_chaney](https://www.yourethecure.org/advocate_highlight_professor_robbie_chaney)

### **FUNDING**

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2021 Utah County Health Equity Grant. “A Campus-Community Partnership to Address Utah County Health Disparities: Enhancing Public Health Training through Health Equity Champions.” State of Utah (\$222,000).  
2019 Teaching Enhancement Grant (TEG). “Technology Resources for Hands-on Qualitative Data Analysis (HLTH 313).” Brigham Young University College of Life Sciences (\$1,710)  
2017 Teaching Enhancement Grant (TEG). “Supplies and Resources to Fully Implement a Team-based Learning Delivery of Health Promotion Methods (HLTH 432).” Brigham Young University College of Life Sciences (\$2,240)  
2016 Teaching Enhancement Grant (TEG). “Practical Advocacy for Safe Walking/ biking Routes to School for Utah Kids: A Team-based Learning Delivery of an Experiential Learning Project.” Brigham Young University College of Life Sciences (\$6,000)  
2015 Course Development Project Grant, Brigham Young University Faculty Development Center (\$300)  
2014-17 BYU Life Sciences, Ira and Mary Lou Fulton Endowment new faculty start-up grant (\$60,000)

2010-14 University Graduate Scholarship, University of Cincinnati

## **PROFESSIONAL MEMBERSHIPS & DEVELOPMENT ACTIVITIES**

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### Professional Memberships

2020-present International Institute for Qualitative Methodology (IIQM)

2019-present American Public Health Association (APHA)

2017-present Team-based Learning Collaborative (TBLC)

2017-present Transportation Research Board (TRB)

2012-present Society of Public Health Education (SOPHE)

### Development Activities

2018 Team-based Learning Collaborative (TBLC) annual meeting

2017 Team-based Learning Collaborative (TBLC) teaching development workshop

2014-2016 BYU Faculty Development Series