

UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES  
GRADUATE FACULTY APPLICATION

1. Name: Corey Nagel
2. UAMS Graduate Program Sponsor: Jean McSweeney, PhD, RN Major field: Nursing
3. Present UAMS academic title or administrative position: Assistant Professor

Date appointed this rank/position: August 1, 2017

4. **Comments of Department Chair/Head or Program Director including: evidence of scholarly development, effectiveness as a teacher, quality of publications and reallocation of duties if this application is approved.**

Dr. Corey Nagel joined the College of Nursing on August 1, 2017 as an Assistant Professor on the tenure track. He has shown consistent growth as a nurse researcher and teacher. He is currently serving as a co-investigator on an NIA funded RO1 study examining racial/ethnic differences in comorbidities among older persons and their impact on functional decline and disability. He also is a co-investigator on a study to determine if adding a sensor will increase adoption of clean burning cook stoves in households in rural Rwanda that currently use coal or other highly polluting fuels. He is a prolific author with his previous research teams as evidenced by approximately 30 peer-manuscripts, many in top tier journals, where he served as either lead or a co-author. He also has a strong record of presentations at professional organizations both nationally and internationally.

Since coming to UAMS, I have served as Corey's primary research mentor and will continue in this capacity. The CON also has a program that that supports an external mentor for junior investigators the first 1-2 years after appointment to the CON. Dr. Brad Martin in the COP has agreed to serve in this capacity. Corey is currently developing specific aims for a proposal to be submitted this summer in which he will serve as the PI. Both Brad and myself are working closely with him. With his excellent experience serving as a co-I and working with a productive research team, I expect this to be a smooth transition.

Corey has been teaching at the Graduate level since 2012 and has served on 8 dissertation committees prior to joining the UAMS College of Nursing. He currently serves on 3 dissertation committees in the College of Nursing. He teaches the Quantitative Methods course in the Nursing PhD program. He also teaches Research Methods and Epidemiology Courses in the Master's program. His teaching evaluations have been excellent.

I fully expect Corey to be a productive member of the UAMS Graduate Faculty. With his previous grant and teaching experiences, he is ready to move into this role. I highly support his application.

Jean McSweeney 2/27/18 Francis Ly  
Department Chair/Head or Program Director Date Graduate Council Representative

I have read the comments of my Department Chair/Head or Program Director and I do, do not (circle one) wish to supply additional information in support of my application.

Corey Nagel 2/27/2018  
Applicant's Signature Date

**Approvals**

G. Boyer 2/19/2017  
Chair, Graduate Faculty Committee Date

Eric C. Kott 4/19/2018  
Chair, Graduate Council Date

Karissa B. Ennos 4-19-2018  
Dean of the Graduate School Date

**5. List your planned involvement in graduate education (courses, theses, dissertations):**

I currently teach graduate-level courses in the College of Nursing and serve as a dissertation committee member for three PhD students in the College of Nursing. I would like to expand my role in PhD education and serve as dissertation committee chair in the UAMS CON.

**6. Briefly summarize your experience in graduate-level classroom teaching:**

Since my first faculty appointment in 2012, I have been the primary instructor for a number of graduate-level courses. As an Assistant Professor at Oregon Health & Science University, I had a joint appointment in Nursing and Public Health and taught Masters and Doctoral-level courses in both Schools. These included Epidemiology 1, Epidemiology of Chronic Disease, Biostatistics 1, and Research Design. Since accepting a position at UAMS in August 2017, I have taught graduate level courses in Epidemiology and Quantitative Research Methods in the College of Nursing. I have experience in both classroom and online teaching. In regards to curriculum development, I served on a taskforce at OHSU that revised the PhD curriculum in the School of Nursing, and took the lead on revising/developing online courses in the MPH program.

**7. Briefly summarize your experience in research and student research mentoring:**

My research broadly focuses on the social and environmental determinants of health, both in the US and globally. In the US, my work involves using data from nationally-representative cohort studies merged with external data sources such as medical claims, census records, and geographic information systems data in order to identify socio-environmental influences on the health of older persons. Globally, my focus is intervention studies related to water quality, sanitation, and clean cooking in Rwanda and India. I work with a team of researchers to conduct impact evaluations of public health programs in these countries to reduce morbidity and mortality from diarrheal and respiratory disease resulting from these environmental exposures. I am currently co-investigator on 1) an NIA funded RO1 examining racial/ethnic differences in multi-morbidity among older persons and the impact of distinct multi-morbidity profiles on functional decline and disability, and 2) an experimental trial of a sensor-driven approach to increase adoption of clean burning cookstoves in households in rural Rwanda. To date I am author/co-author of 30 peer-reviewed papers either published or under review and 27 refereed presentations at national or international conferences.

In regard to student research mentoring, I have served on the dissertation committees of 8 PhD students in Nursing, Public Health, and System Science. Of these students, three (Emory University, London School of Hygiene and Tropical Medicine) successfully defended their dissertations and five (UAMS, Oregon Health & Science University, Portland State University) are actively working and are at various stages of completion. The students with whom I have worked have been successful in publishing their dissertation findings in highly-ranked journals. I currently serve on the dissertation committee of two students in the UAMS CON.

- 8. Attach Curriculum Vita showing educational background (including institutions attended, degrees awarded and dates), honors or awards received, scholarly or professional organization affiliations, teaching experience (give school, dates and advanced and graduate subjects taught), including student theses and/or dissertations supervised. Cite publications and research in progress.**

CV is attached

**Curriculum Vitae**  
**Corey L Nagel, Ph.D, MPH, RN**

**Home Address: 1923 S Gaines St, Little Rock, AR 72206**  
**Cell number: (503) 475-0237**  
**Work Number: (501) 296-1317**  
**Email Address: cnagel@uams.edu**

**Academic Background:**

| <u>Year</u> | <u>Institution</u>                          | <u>Degree</u>            |
|-------------|---|--------------------------|
| 2014-2016   | Oregon Health & Science University          | Post-Doc (Biostatistics) |
| 2012        | Oregon Health & Science University          | PhD (Nursing Science)    |
| 2006        | Oregon Health & Science University          | MS (Nursing)             |
| 2006        | Oregon Health & Science University          | MPH (Public Health)      |
| 2001        | University of Arkansas for Medical Sciences | BSN (Nursing)            |

**Date of Initial College of Nursing Appointment and Rank:**  
**Current Title and Rank:**

August 1, 2017      Assistant Professor, Tenure-track, College of Nursing, UAMS

**Current Licensure and Certification:**

2002–present Registered Nurse, State of Arkansas, license # R067610  
2002–present Registered Nurse, State of Oregon, license # 200240937RN

**Professional Experience:**

**Academic**

| <u>Year</u>  | <u>Position</u>                                      | <u>Institution</u>  |
|--------------|--|---|
| 2017-Current | Assistant Professor,<br>(Tenure-track)               | University of Arkansas for Medical Sciences,<br>College of Nursing  |
| 2016-2017    | Assistant Professor                                  | Oregon Health & Science University,<br>School of Public Health  |
| 2013-2017    | Associate Director                                   | OHSU Hartford Center for Gerontological<br>Nursing Excellence   |
| 2012-2017    | Assistant Professor                                  | Oregon Health & Science University,<br>School of Nursing  |
| 2013-2016    | Assistant Professor ( <i>joint<br/>appointment</i> ) | Oregon Health & Science University, School<br>of Medicine, Dept. of Public Health and<br>Preventive Medicine, Epidemiology Division |

|      |                             |   |
|------|-----------------------------|---|
| 2013 | Adjunct Assistant Professor | Portland State University, School of Urban Studies and Planning           |
| 2012 | Research Associate          | Portland State University, School of Community Health, Institute on Aging |

**Practice**

| <u>Year</u> | <u>Position</u>                                 | <u>Institution</u>                                     |
|-------------|---|--|
| 2007-2012   | Clinical Educator,<br>Medical-Surgical Division | Providence St. Vincent Medical Center,<br>Portland, OR |
| 2002-2006   | Registered Nurse,<br>Medical Unit               | Providence St. Vincent Medical Center,<br>Portland, OR |

**Professional Awards/Honors:**

| <u>Year</u> | <u>Award</u>  |
|-------------|---|
| 2014-2016   | Claire M Fagin Fellow, John A Hartford Foundation/Gerontological Society of America             |
| 2014        | Finalist, Robert Wood Johnson Nurse Faculty Scholar Award                                       |
| 2013        | Gerontological Nursing Research Award, Western Institute of Nursing                             |
| 2012        | Student Leadership Award, Sigma Theta Tau International, Beta Psi chapter                       |
| 2009        | John A Hartford Foundation Building Academic Geriatric Nursing Capacity Predoctoral Scholarship |
| 2003        | Gerontological Nursing Writer's Award, Journal of Medical-Surgical Nursing                      |
| 2001        | Induction, Sigma Theta Tau International, Honor Society of Nursing                              |
| 2001        | University Honors/Nursing Honors, UAMS  |
| 2001        | National Student Scholar Award, American Psychiatric Nursing Association                        |

**Grant Activities:**

**Funded Extramural Research:**

*Changes in Multimorbidity and Disability among Race/Ethnic Older Adults.* Co-Investigator (PI: Ana Quinoñes, Oregon Health & Science University), 2017-2022, National Institute on Aging (1R01AG055681)

*Dynamic Sensors on Cookstoves to Encourage and Reinforce Healthy Behavior Change*, Co-Investigator (PI: Evan Thomas, Portland State University), 2016-2018, UK Department for International Development/Unilever

*Designing, Implementing and Evaluating Low-Cost Interventions to Improve Latrine Use among Rural Households in Odisha, India*, Statistical Consultant (PI: Thomas Clasen, Emory University/London School of Hygiene & Tropical Medicine), 2016-2018, International Initiative for Impact Evaluation (3ie)

*Assessing The Health Impact Of Advanced Water Filters And Improved Cookstoves In Western Province, Rwanda: A Cluster-Randomized Controlled Trial*, Co-Investigator (PI: Thomas Clasen, Emory University/London School of Hygiene and Tropical Medicine), 2013-2017, Del Agua Health and Development Programs

*Inconsistencies in Chronic Disease Reports Over Time*, Co-Investigator (PI: Ana Quinofes, Oregon Health & Science University), 2014-2017, National Institute on Aging (5R03AG048852)

*SBIR Phase I: Predictive Algorithms for Water Point Failure*, Co-Investigator (PI: Evan Thomas, Portland State University), 2016-2017, National Science Foundation

*Broken Pumps and Promises – Improving Service Delivery in Rural Water Points*, Co-Investigator (PI: Evan Thomas, Portland State University), 2016-2017, Cisco Foundation

*Assessing Latrine Use in Low-Income Countries: A Field Study in Rural India*, Statistical Consultant (PI: Thomas Clasen, Emory University/London School of Hygiene and Tropical Medicine), 2014-2016, Bill and Melinda Gates Foundation

*Using Machine Learning to Develop Comprehensive Predictive Models of Disability among Older Adults*, Principal Investigator, 2014-2106, John A Hartford Foundation

*CellPump Project-Rwanda*, Co-Investigator (PI: Evan Thomas, Portland State University), 2014-2015, GSMA Mobile for Development Foundation

*Healthy Aging in Oregon Communities*, Principal Investigator, 2012-2013, Northwest Health Foundation

*Neighborhood Design and Obesity in Older Women*, Statistical Consultant (PI: Yvonne Michael, Drexel University), 2010-2013, National Institute on Aging (R01 AG028254)

*Health Behavior Trajectories Following Chronic Illness in Mid to Late Life*, Research Associate-Statistical Consultant (PI: Jason Newsom, Portland State University), 2012, National Institute on Aging (R01 AG034211)

*Environmental Influences on Change in Elderly Walking*, Graduate Research Assistant (PI: Yvonne Michael, Oregon Health and Science University), 2004-2006, National Cancer Institute (R21 CA109920)

*Home Polysomnography in Elders with Dementia*, Co-Investigator (PI: Kathy Richards, University of Arkansas for Medical Sciences), 2001-2002, Department of Veterans Affairs MIRECC Pilot Grant

*Adult Night Care for Elders with Dementia: A Feasibility Study*. Co-Investigator (PI: Kathy Richards, University of Arkansas for Medical Sciences), 2000-2002, Arkansas Dementia Center and Donald W. Reynolds Center on Aging, Dementia Pilot Study Grant Program

### **Submitted Pending Funding**

### **Intramural Research:**

### **Publications**

### **Peer-Reviewed Manuscripts**

### **Data-Based:**

1. Kirby, M. A.\*, Nagel, C. L.\*, Rosa, G., Zambrano, L. D., Musafiri, S., Ngirabega, J., Condo, J., Thomas, E. A., Clasen, T. F. (Under review). Effects of a large-scale distribution of portable biomass-burning "rocket" cookstoves on acute respiratory infections in children < 5: a cluster randomised controlled trial in Western Province, Rwanda. *Lancet Global Health*. (\* Indicates co-first authorship)
2. Quiñones, A. R., Melekin, A., Cigolle, C., & Nagel, C. L. (Under review). Disputes of self-reported chronic disease over time: The role of race, ethnicity, nativity, and language of interview. *Journals of Gerontology, Series B: Social Sciences*
3. Kirby, M. A.\*, Nagel, C. L.\*, Rosa, G., Zambrano, L. D., Ngirabega, J., Condo, J., Thomas, E. A., Clasen, T. F. (Under review). Effects of a large-scale distribution of water filters on water quality and diarrhoea: a cluster randomised controlled trial in Western Province, Rwanda. *Lancet Global Health*. (\* Indicates co-first authorship)
4. Kirby, M., Rosa, G., Nagel, C., Umupfasoni, M. M., Garland, C., Johnson, J., Thomas, E., Baumgartner, J., Clasen, T. (Under review). Assessing use, exposure, and health impacts of a portable biomass-burning "rocket" stove intervention: a matched cohort study in rural Rwanda. *Environment International*
5. Takemoto, E., Wolfe, B., Nagel, C., Pories, W., Flum, A., Mitchell, J., Boone-Heinonen, J. (Under review). Insurance status differences in weight loss and regain over five years following bariatric surgery. *International Journal of Obesity*
6. Zambrano, M., Kirby, M., Nagel, C., Rosa, G., Ndagijimana, F., Umupfasoni, M., Thomas, E., Clasen, T. (Under review). Household determinants of childhood diarrhea and fecal contamination of drinking water; a cross-sectional study in Western Province, Rwanda. *International Journal of Hygiene and Environmental Health*
7. Majorin, F., Nagel, C. L., Torondel, B., Routray, P., Rout, M., Clasen, T. F., (Under review). Determinants of disposal of child faeces in latrines in urban slums of Odisha, India: a cross-sectional study. *Transactions of the Royal Society of Tropical Medicine and Hygiene*.

8. Delea, M. G., **Nagel, C. L.**, Thomas, E. A., Halder, A. K., Amin, N., Shoab, A. K., Freeman, M. C., Unicomb, L., Clasen, T. F. (2017). Comparison of respondent-reported and sensor-recorded latrine utilization measures in rural Bangladesh: A cross-sectional study. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. (In press)
9. Kirby, M., **Nagel, C.**, Rosa, G., Umupfasoni, M. M., Iyakaremye, L., Thomas, E., Clasen, T. (2017). Use, microbiological effectiveness and health impact of a household water filter intervention in rural Rwanda – a matched cohort study. *International Journal of Hygiene and Environmental Health*, (In press).
10. Sinha, A., **Nagel, C. L.**, Schmidt, W.P., Torondel, B, Boisson, S., Routray, P., Clasen, T. (2017). Assessing patterns and determinants of latrine use in rural settings: a longitudinal study in Odisha, India. *International Journal of Hygiene and Environmental Health*, 220(5), 906-915.
11. Zambrano, L., Priest, J., Ivan, E., Bahunde, J., **Nagel, C.**, Kirby, M., Rosa, G., Clasen, T. (2017). Use of serologic responses against enteropathogens to assess the impact of a point-of-use water filter: A randomized controlled trial in Western Province, Rwanda. *American Journal of Tropical Medicine & Hygiene*, 97(3), 876-887.
12. Quiñones, A. R., **Nagel, C. L.**, Newsom, J. T., Huguet, N., Sheridan, P., & Thielke, S. M. (2017). Racial and ethnic differences in smoking changes after chronic disease diagnosis among middle-aged and older adults. *BMC Geriatrics*, 17(1), 48.
13. Snoad, C., **Nagel, C.**, Bhattacharya, A., & Thomas, E. (2017). The effectiveness of sanitary inspections as a risk assessment tool for faecal contamination of rural drinking water: A review of data from West Bengal India. *American Journal of Tropical Medicine & Hygiene*, 96(4), 976-983.
14. **Nagel C.L.**, Kirby, M., Zambrano, L., Rosa, G., Barstow, C. Thomas, E., Clasen, T. (2016). Study design of a cluster-randomized controlled trial to evaluate a large-scale distribution of cook stoves and water filters in Western Province, Rwanda. *Contemporary Clinical Trials Communications*, 4, 124-135.
15. Cigolle, C., **Nagel, C. L.**, Baum, C., Liang, J., & Quiñones, A. R. (2016). Inconsistency in the self-report of chronic diseases in panel surveys: developing an adjudication method for the Health and Retirement Study. *Journals of Gerontology, Series B: Social Sciences*, doi:10.1093/geronb/gbw063 (epub ahead of print).
16. Bohnert, K., Chard, A., Mwaki, A., Kirby, A. E., Muga, R., **Nagel, C. L.**, Thomas, E. A., & Freeman, M. C. (2016). Comparing sanitation delivery modalities in urban informal settlement schools: A randomized controlled trial in Nairobi, Kenya. *International Journal of Environmental Research and Public Health*, 13(12), 1189.
17. Kirby, M., **Nagel, C.**, Rosa, G., Iyakaremye, L., Zambrano, L., Clasen, T. (2016). Faecal contamination of household drinking water in Rwanda: a national cross-sectional study. *Science of the Total Environment*, 571, 426-434.
18. Barstow, C, **Nagel, C.**, Clasen, T, Thomas, E. (2016). Process evaluation and assessment of use of a large scale water filter and cookstove program in Rwanda. *BMC Public Health*, 16:584.
19. Sinha, A., **Nagel, C.L.**, Thomas, E., Schmidt, W.P., Torondel, B, Boisson, S., Clasen, T. (2016). Assessing latrine use in rural India: a cross-sectional study comparing reported use and Passive Latrine Use Monitors (PLUMS). *American Journal of Tropical Medicine & Hygiene*, 95(3), 720-727.

20. Thomas, E. A., Tellez-Sanchez, S., Wick, C., Kirby, M., Zambrano, L., Abadie Rosa, G., Clasen, T., & Nagel, C. (2016). Behavioral reactivity associated with electronic monitoring of environmental health interventions: A cluster randomized trial with water filters and cookstoves. *Environmental Science & Technology*, 50 (7), 3773-3780.
21. Nagel, C.L., Beach, J., Iribagiza, C., & Thomas, E. (2015). Evaluating cellular instrumentation on rural handpumps to improve service delivery: A longitudinal study in rural Rwanda. *Environmental Science and Technology*, 49(24), 14292-14300.
22. Perry, C. K., Nagel, C. L., Ko, L. K., Duggan, C., Linde, C., Rodriguez, E. L., & Thompson, B. (2015). Active living environment assessments in four rural Latino communities. *Preventive Medicine Reports*, 2, 818-823.
23. Michael, Y. L., Nagel, C. L., Gold, R., & Hillier, T. A. (2014). Does change in the neighborhood environment prevent obesity among older women? *Social Science and Medicine*, 102, 129-137).
24. Nagel, C. L., Carlson, N. E., Bosworth M., & Michael Y. L. (2008). The relation between neighborhood built environment and walking activity among older adults. *American Journal of Epidemiology*, 168, 461-468.
25. Richards, K. C., Anderson, W. M., Chesson, A. L., & Nagel, C. L. (2002). Sleep-related breathing disorders in critically ill patients. *Journal of Cardiovascular Nursing*, 17, 42-55.
26. Richards, K. C., Hall, K. S., Shook, D., Brown, P., & Nagel, C. L. (2002). Sleep-disordered breathing and stroke. *Journal of Cardiovascular Nursing*, 17, 12-29.

#### **Non Data-Based:**

1. Takemoto, E., Wolfe, B., Nagel, C. L., Boone-Heinonen, J. (2017). Weighing in on bariatric surgery: Effectiveness among Medicaid beneficiaries—limited evidence and future research needs. *Obesity*, (In press).
2. Messecar D., Powers B. A., & Nagel, C. L. (2008). The Family Preferences Index: Helping family members who want to participate in the care of a hospitalized older adult. *American Journal of Nursing*. 108(9), 52-59.
3. Nagel, C. L., Markie, M. B., Richards, K. C., & Taylor, J. L. (2003). Sleep promotion in hospitalized elders. *Journal of Med-Surg Nursing*, 12, 279-290.
4. Richards, K. C., Nagel, C. L., Markie, M., Elwell, J., & Barone, C. (2003). Use of complementary and alternative therapies to promote sleep in critically ill patients. *Critical Care Nursing Clinics of North America*, 15, 329-340.

#### **Working Papers and Reports**

1. Nagel, C. L. (2013). *Healthy Aging in Oregon Communities: Present Needs and Future Trends*. Northwest Health Foundation, Portland: OR.

#### **Published Abstracts and Presentations**

##### **International**

1. Kirby, M., Rosa, G., Zambrano, L., Nagel, C., Thomas, E., Barstow, C., Condo, J., & Clasen, T. *Assessing the health impact of advanced water filters and improved cookstoves in*



*Western Province, Rwanda: A cluster randomized controlled trial.* Global Alliance for Clean Cookstoves: Clean Cooking and Child Survival Workshop, May 2014, Kathmandu, Nepal

2. Michael Y., Carlson N., Nagel C., Bosworth M. *Neighborhood built environment and walking activity among older adults.* International Society of Behavioral Nutrition and Physical Activity Annual Conference, May 2008, Alberta, Canada

### **National**

1. Kirby, M. A., Nagel, C. L., Rosa, G., Zambrano, L. D., Ngirabega, J., Condo, J., Thomas, E. A., Clasen, T. F. *Evaluation of a large-scale distribution of water filters in Western Province, Rwanda.* Water and Health, October 2017, Chapel Hill, North Carolina.
2. Takemoto, E., Wolfe, B., Nagel, C. L., Boone-Heinonen, J. *Insurance status differences in weight loss and regain over five years following bariatric surgery.* Society for Epidemiologic Research Annual Meeting, June 2017, Seattle, Washington
3. Cigolle, C., Nagel, C. L., Quinones, A. *Population-based panel surveys and diabetes epidemiology: Inconsistency in the self-report of diabetes.* American Geriatrics Society Annual Scientific Meeting, May 2017, San Antonio, Texas
4. Takemoto, E., Wolfe, B., Nagel, C., Boone-Heinonen, J. *Variation in five-year weight loss patterns following bariatric surgery by insurance status,* American Heart Association Epidemiology and Prevention and Lifestyle and Cardiometabolic Health Scientific Sessions, March 2017, Portland, Oregon
5. Cigolle, C., Quinones, A., Nagel, C. L. *Patients' Uncertainty About Their Chronic Disease Diagnoses: The Health and Retirement Study.* Gerontological Society of America Annual Scientific Meeting, November 2016, New Orleans, Louisiana
6. Kirby, M., Nagel, C., Rosa, G., Clasen, T. *Assessing use, exposure and health impacts of an advanced water filter and advanced cookstove distribution program in rural Rwanda.* American Society of Tropical Medicine and Hygiene, September 2016, Atlanta, Georgia
7. Nute, A., Delea, M. G., Gass, K., Nagel, C., Clasen, T. *Latrine learning: Using conditional inference trees to explore how latrine conditions can predict latrine use in rural Bangladesh.* American Society of Tropical Medicine and Hygiene, September 2016, Atlanta, Georgia
8. Zambrano, L., Kirby, M., Rosa, G., Nagel, C., Clasen, T. *Assessing seroconversion against enteric pathogens relative to reported diarrhea and the receipt of a point-of-use water filter in Western Province, Rwanda.* American Society of Tropical Medicine and Hygiene, September 2016, Atlanta, Georgia
9. Cigolle, C., Nagel, C. L., Quinones, A. *The Role of Medicare Diagnosis Data in Adjudicating Inconsistency in the Self-Report of Diabetes.* American Diabetes Association Scientific Session, June 2016, New Orleans, Louisiana
10. Cigolle, C., Quinones, A., Nagel, C. L. *Inconsistency in the Self-report Of Diabetes in Panel Surveys: Limitations of Medication Data in Resolving Problematic Responses.* Gerontological Society of America Annual Scientific Meeting, November 2015, Orlando, Florida
11. Quinones, A., Nagel, C. L., Cigolle, C., *Racial and Ethnic Differences in Self-Reported Chronic Disease Inconsistencies Over Time.* Gerontological Society of America Annual Scientific Meeting, November 2015, Orlando, Florida

12. Kirby, M., Rosa, G., **Nagel, C.** Clasen, T. *Assessing Medium-Term Use, Microbiological Effectiveness and Health Impact of a Household Drinking Water Filter in Rural Rwanda -- a Matched Cohort Study*. Water and Health Conference, October 2015, Chapel Hill, North Carolina
13. Zambrano, L., **Nagel, C.**, Rosa, G., Kirby, M., Clasen, T. *Baseline Predictors of Child Diarrhea in a Cluster-Randomized Controlled Trial of Point-of-Use Water Filters in Western Province, Rwanda*. Water and Health Conference, October 2015, Chapel Hill, North Carolina
14. Delea, Maryann, Thomas, E., Chang, H., **Nagel, C.**, Halder, A., Amin, N., Shoab, AKM., Freeman, M.; Unicomb, L., Clasen, T. *Assessing Latrine Utilization: a Cross-Sectional Study Comparing Measurement Methods in Rural Bangladesh*. Water and Health Conference, October 2015, Chapel Hill, North Carolina
15. Cigolle, C., **Nagel, C. L.**, & Quiñones, A. R. *Inconsistency in the self-report of diabetes in panel surveys: Assessing the extent of the problem and developing an adjudication method for the Health and Retirement Study*. American Diabetes Association Scientific Session, June 2015, Boston, Massachusetts
16. Quiñones, A. R., Cigolle, C., & **Nagel, C. L.** *Multimorbidity and inconsistencies in chronic disease self-reports over time*. Gerontological Society of America Annual Scientific Meeting, November 2014, Washington D.C.
17. **Nagel, C. L.**, Quiñones, A. R., Liang, J., Blaum, C., & Cigolle, C. *Cognitive impairment, proxy interviews, and inconsistent longitudinal reporting of chronic disease*. Gerontological Society of America Annual Scientific Meeting, November 2013, New Orleans, Louisiana
18. Newsom, J. T., Quiñones, A., **Nagel, C. L.**, Huguet, N., Kaplan, M. S., McFarland, B. H. *Race and ethnic differences in alcohol consumption after diagnosis of chronic disease*. Gerontological Society of America Annual Scientific Meeting, November 2013, New Orleans, Louisiana
19. Quiñones, A., **Nagel, C. L.**, Kaplan, M. S., McFarland, B. H. *Racial and ethnic differences in health behavior change after chronic illness diagnosis*. Gerontological Society of America Annual Scientific Meeting, November 2012, San Diego, California
20. Newsom, J. T., Huguet, N., Quiñones, A., **Nagel, C. L.**, Kaplan, M. S., McFarland, B. H. *Racial and ethnic differences in the correspondence among health behaviors*. Gerontological Society of America Annual Scientific Meeting, November 2012, San Diego, California
21. **Nagel, C. L.**, Michael, Y. L., Newsom, J. *Neighborhood built environment and lower extremity function among older women*. Gerontological Society of America Annual Scientific Meeting, November 2011, Boston, Massachusetts
22. Michael, Y., Carlson, N., **Nagel, C.**, Bosworth, M. *Neighborhood influences on change in walking among older adults*. Gerontological Society of America Annual Scientific Meeting, November 2007, San Francisco, California, November 2007.
23. Richards, K. C., **Nagel, C. L.**, Beck, C. K., Souder, E. *Informal caregiving: Some nights we don't get any sleep at all*. Gerontological Society of America Annual Scientific Meeting, November 2003, San Diego, California
24. **Nagel, C. L.**, Richards, K. C. *The challenge of attended home polysomnography in persons with dementia*. Southern Sleep Society Annual Conference, April 2002, Bethesda, Maryland

25. Richards, K. C., Souder, E., Nagel, C. L. *Adult night care for elders with dementia: A feasibility study*. VA HSR&D Career Development and Research Career Scientists Conference, February 2002, Washington D.C.

**College/University Service Activities:**

**UAMS**

2017-current College of Nursing, Research Committee, Member  
2017-current College of Nursing, PhD Council, Member

**OHSU**

2016-2017 School of Public Health, Academic Policy and Curriculum Committee, Member  
2014-2017 School of Nursing, PhD Curriculum Committee, Member  
2013-2017 School of Nursing, Integrative Review Benchmark Committee, Chair  
2012-2017 School of Nursing, Graduate Council, Member  
2015-2016 School of Nursing, PhD Curriculum Revision Task Force, Member  
2013-2015 School of Nursing, Teaching and Learning Committee, Member

**Professional Organizations**

2014-2015 Hartford Geriatric Nurse Leaders, Finance Chair-Elect  
2009-Current Gerontological Society of America, Member  
2006-Current American Public Health Association, Member  
2002-Current Sigma Theta Tau International Honor Society of Nursing, Member

**Editorial Board/Manuscript Reviewer:**

**Manuscript Review**

American Journal of Preventive Medicine  
BMC Public Health  
Development Engineering  
Health & Place  
International Journal of Behavioral Nutrition and Physical Activity  
International Journal of Health Geographics  
Journal of Aging and Health  
Journal of Applied Gerontology  
Journal of Planning Literature  
Preventive Medicine  
Research in Nursing and Health  
Social Science & Medicine  
Sports Medicine

**Conference Abstract Review**

Gerontological Society of America  
Western Institute of Nursing

## **Dissertation:**

### **Dissertation Member**

|              |   |
|--------------|---|
| 2017-current | Crystal Rose, UAMS College of Nursing (Nursing)                             |
| 2017-current | Paul Ropp, UAMS College of Nursing (Nursing)                                |
| 2016-current | Angela Spencer, OHSU/PSU School of Public Health (Community Health)         |
| 2015-current | Nick Turman-Bryant, Portland State University (Systems Science)             |
| 2015-current | Erin Takemoto, OHSU/PSU School of Public Health (Epidemiology)              |
| 2014-2017    | Laura Zambrano, Emory University (Environmental Sciences)                   |
| 2014-2016    | Antara Singh, London School of Hygiene and Tropical Medicine (Epidemiology) |
| 2104-2016    | Miles Kirby, London School of Hygiene and Tropical Medicine (Epidemiology)  |

## **Courses Taught-Last 5 Years**

Quantitative Epidemiology, (graduate, online), College of Nursing, UAMS

Quantitative Methodology in Nursing Research, (graduate, hybrid), College of Nursing, UAMS

Epidemiology of Aging and Chronic Disease, (graduate, online), School of Public Health, Oregon Health & Science University

Research Design and Methods (graduate, classroom), School of Nursing, Oregon Health & Science University

Epidemiology 1 (graduate, online), School of Public Health, Oregon Health & Science University

Data Analysis II (graduate, classroom), School of Urban Studies and Planning, Portland State University

Introduction to Biostatistics (graduate, hybrid), Oregon MPH Program, Oregon Health & Science University  
Health Systems Organization (graduate, online), Oregon MPH Program, Oregon Health & Science University

Practice Evaluation (graduate, classroom), School of Nursing, Oregon Health & Science University

Public Health Program Evaluation (graduate, online), Oregon MPH Program, Oregon Health & Science University

Professionalism, Ethics, and Systems Thinking in Public Health (graduate, online), Oregon MPH Program, Oregon Health & Science University

## **Continuing Education Completed:**

### **Post-graduate Coursework**

2015 Machine Learning and Big Data, Oregon Health & Science University

2015 Statistical Learning and Data Mining workshop, Stanford University  
2015 Bayesian Data Analysis, Oregon Health & Science University  
2014 Training Program in Meta-Analysis, Center for Health Outcomes and  
Pharmacoeconomic Research, University of Arizona  
2014 Longitudinal Structural Equation Modeling workshop, Portland State  
University  
2013 Longitudinal Data Analysis workshop, Portland State University

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