

**NICOLE E. ODELL**  
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## **EDUCATION**

### **Doctor of Philosophy, matriculated Fall 2022 (GPA 4.0)**

Parks, Recreation and Tourism Management, North Carolina State University, Raleigh, NC

Dissertation Title: *Pathways to Active Communities: A Mixed-Methods Exploration of Bicycle and Pedestrian Advisory Boards in the United States*

Advisor: J. Aaron Hipp, PhD

### **Master of Sciences, 2021 (GPA 4.0)**

Health Promotion, University of Colorado, Colorado Springs, CO

Thesis Title: *Physical Activity Behavior and Trail Use Before, During, and After COVID-19 Restrictions*

Advisor: Joey A. Lee, PhD

### **Master of Science, 2000 (GPA 3.82)**

Chemistry, University of Illinois at Urbana-Champaign, Urbana, IL

### **Bachelor of Arts, 1997 (summa cum laude, GPA 3.97)**

Chemistry, Florida State University, Tallahassee, FL

## **PROFESSIONAL EXPERIENCE**

2023 – present	Graduate Research Assistant, Centers for Disease Control & Prevention High Obesity Program Grant, Physical Activity Strategy, NC State University, Raleigh, NC
2023 – 2024	Graduate Research Assistant, SPIN micromobility research grant, NC State University, Raleigh, NC
2023 – 2024	Fellow, Physical Activity Policy Research and Evaluation Network (PAPREN) Transportation Policy & Planning Work Group
2021 – 2022	GIS Project Manager (Independent Contractor), CONO, Colorado Springs, CO
2017 – 2019	Development Specialist, National Multiple Sclerosis Society, Colorado Springs, CO
2009 – present	Head Coach/Owner, NEO Endurance Sports & Fitness, LLC, Colorado Springs, CO/Raleigh, NC
2005 – 2013	Process Engineer, Photolithography, Atmel Corporation, Colorado Springs, CO
2004 – 2005	Coordinator of Student and Career Services, DeVry University, Colorado Springs, CO
2000 – 2004	Coordinator of Advising, Recruiting, and Special Programs, Department of Physics, University of Illinois at Urbana-Champaign, Urbana, IL
1998 – 1999	Graduate Research Assistant, Department of Chemistry, University of Illinois at Urbana-Champaign, Urbana, IL

## **ACADEMIC HONORS AND AWARDS**

2024	Graduate Travel Award, NC State Global One Health Academy, Raleigh, NC
2023	Beth Wilson Fellowship (travel support fellowship), Parks, Recreation and Tourism Management Department, NC State University, Raleigh, NC
2022	Provost Doctoral Fellowship, NC State University, Raleigh, NC
2022	University Graduate Fellowship, NC State University, Raleigh, NC

- 2021 Outstanding Health Promotion Graduate Student of the Year, University of Colorado, Colorado Springs, CO
- 2020 Finalist, Top Scholar Award, Mountain Lion Research Week, University of Colorado, Colorado Springs, CO
- 1999 Engineering Council Award for Excellence in Academic Advising, University of Illinois at Urbana-Champaign, Urbana, IL
- 1996 Phi Beta Kappa, Florida State University, Tallahassee, FL
- 1995 The Golden Key Honor Society, Florida State University, Tallahassee, FL
- 1995 Phi Kappa Phi Honor Society, Florida State University, Tallahassee, FL
- 1994 CRC Press Freshman Chemistry Achievement Award, Florida State University, Tallahassee, FL

### **PEER REVIEWED PUBLICATIONS**

Kondo, M., Adlakha, D., Marselle, M., **Odell, N.E.**, Olcon, K., Deutsch, K. Feng, X., Hipp, J.A., & Astell-Burt, T. (*Under consideration*). Barriers to Participation in Nature Prescriptions: Evidence from a cross-sectional survey of adults in Australia, India, Singapore, the United Kingdom and the United States. *Health & Social Care in the Community*.

**Odell, N.E.**, Adlakha, D., Olcon, K., Kondo, M., Feng, X., Astell-Burt, T., & Hipp, J.A. (Accepted). Factors influencing likelihood of participation in green social prescriptions in an international sample. *Journal of Healthy Eating and Active Living*.

**Odell, N.E.** & Lee, J.A. (2024). Trail use and recreational physical activity during COVID-19 restrictions in Colorado Springs, Colorado. *Journal of Healthy Eating and Active Living*, 4(1), 32-46.

**Odell, N. E.**, Whitney, P., & Lee, J. A. (2023). Changes in adult leisure-time physical activity during and after COVID-19 restrictions in Colorado Springs, Colorado. *Leisure Studies*, 43(4), 692-702.

Bondos, J.C., **Drummer, N.E.**, Gewirth, A.A., & Nuzzo, R.G. (1999). Thermal Phase Evolution of Pt-Si Intermetallic Thin Films Prepared by the Activated Adsorption of SiH<sub>4</sub> on Pt(100) and Comparison to Known Structural Models. *Journal of the American Chemical Society*, 121, 2498-2507.

### **OTHER PUBLICATIONS**

**Drummer, N.** (2013). *Triathlon: Strategies for Success*. Kindle Direct Publishing.

### **CONFERENCE POSTERS & PRESENTATIONS**

**Odell, N.E.** & Hipp, J.A. Spatial Characteristics of Municipal Bicycle and Pedestrian Advisory Boards in the United States. *Submitted for consideration for oral or poster presentation* at Active Living Conference, Manhattan, KS. March 2025.

**Odell, N.E.**, Hardison-Moody, A., & Hipp, J.A. Advancing physical activity action plans in 10 rural North Carolina counties: Perceptions of key stakeholders. *Poster Presentation* at the American Public Health Association Annual Meeting, Minneapolis, MN. October 2024.

**Odell, N.E.**, Adlakha, D., Marquet, O., Bardaka, E., & Hipp, J.A. Steering towards sustainability: E-bikes, e-scooters, and the urban campus experience. *Poster Presentation* at the Association of Pedestrian and Bicycle Professionals Annual Meeting, August 2024. \**Ken Cross Student Poster Award Finalist*

**Odell, N.E.** & Hipp, J.A. Economic equity evaluation of the 2023 *Year of the Trail* campaign in North Carolina. *Poster Presentation* at NC State College of Natural Resources Graduate Student Research Symposium, Raleigh, NC, March 2024. \**Awarded Best PhD Management and Policies Poster*, March 2024. Also presented at Active Living Conference, Chattanooga, TN. March 2024.

**Odell, N.E.**, Adlakha, D., Kondo, M., Astell-Burt, T., Gatersleben, B., Hipp, J.A. Factors influencing likelihood of participation in green social prescriptions in an international sample. *Oral Presentation* at Active Living Conference, Chattanooga, TN. March 2024.

**Odell, N.E.**, Astell-Burt, T., Gatersleben, B. & Hipp, J.A. Predictors of physical activity compared to physical health as a park prescription focus: A quantitative analysis of an international sample. *Oral Presentation* at the American Public Health Association Annual Meeting, Atlanta, GA. November 2023.

**Odell, N.E.** The Parks of the Broadmoor Area via E-Bike. *Activity Session* at the Art & Science of Health Promotion Conference, Colorado Springs, CO. March 2023.

**Odell, N.E.**, Deutsch, K., Astell-Burt, T., Gatersleben, B. & Hipp, J.A. Awareness, Participation, and Barriers to Green Social Prescription Programs in Five Countries. *Oral Presentation* at Active Living Conference, National Institutes of Health, Bethesda, MD. March 2023.

**Odell, N.E.** & Lee, J.A. Changes in Recreational Physical Activity During COVID-19 'Stay at Home' Restrictions. *Virtual Poster Presentation* at the American Public Health Association Annual Meeting, Denver, CO. October 2021. \**Finalist, Best Student Poster Award, Physical Activity Section*.

**Odell, N.E.** & Lee, J.A. Recreational Physical Activity in Trail Users and Non-Trail Users During COVID-19 Restrictions. *Virtual Poster Presentation* at the American Public Health Association Annual Meeting, Denver, CO. October 2021.

**Odell, N.E.** & Lee, J.A. Impact of COVID-19 Stay at Home Public Health Restrictions on Physical Activity. *Virtual Poster Presentation* at the American College of Sports Medicine Annual Meeting. June 2021.

**Odell, N.E.** & Lee, J.A. Greenway Trail Usage During COVID-19 Restrictions in Colorado Springs. *Oral Presentation delivered virtually* at Mountain Lion Research Week, Colorado Springs, CO. November 2020.

### **GRANTS**

Pikes Peak Area Council of Governments, Multimodal Options Fund, Co-author, (Katherine Brady primary author). Projects: Signalized crossing on the Shooks Run Trail at Uintah St (\$145,000); Signalized crossing on the Rock Island Trail at Murray Blvd (\$143,000). Approved April 2020.

National Science Foundation award #0243675, co-PI, (PI: Gary E. Gladding) Research Experiences for Undergraduates (REU) Program Grant, University of Illinois at Urbana-Champaign Department of Physics (\$271,044). April 2003.

### **TEACHING EXPERIENCE**

2023	Master's in Geospatial Information Science & Technology Capstone Project Partner (GIS 590), NC State University, Raleigh, NC
2004-2005	Adjunct Instructor, DeVry University, Colorado Springs, CO <ul style="list-style-type: none"><li>• Career Services</li><li>• Basic Algebra</li><li>• General Physics</li><li>• Health, Wellness, and Nutrition (independent study)</li></ul>
1997-1998, 2000	Graduate Teaching Assistant, Department of Chemistry, University of Illinois at Urbana-Champaign, Urbana, IL <ul style="list-style-type: none"><li>• General Chemistry (recitation sections)</li></ul>

### **PROFESSIONAL MEMBERSHIPS**

2021 - present	American Public Health Association, student member <ul style="list-style-type: none"><li>• 2022-23 Physical Activity Section Liaison to Student Assembly</li></ul>
2020 – present	Association of Pedestrian and Bicycle Professionals, student member
2020 – 2021	American College of Sports Medicine, student member
2019 – present	American Association for the Advancement of Science, member
1995 – 1997	Alpha Chi Sigma Professional Chemistry Fraternity

### **CERTIFICATIONS AND SPECIALIZATIONS**

2024	Leadership Learning Institute, NC State University Graduate School
2020	Geographic Information Systems Specialization, University of California Davis via Coursera.org (5 courses)
2011 – 2022	USA Cycling Level 3 Certified Coach
2009 – present	USA Triathlon Level 1 Certified Coach

### **CAMPUS SERVICE**

2023 – present	Member, Bicycle Working Group, NC State University
2023 – 2024	Treasurer, Parks, Recreation and Tourism Management Graduate Student Association, NC State University
2020 - 2022	Member, Bicycle Advocacy Committee, University of Colorado Colorado Springs
2019 – 2020	Organizer, Health Promotion Social Committee, University of Colorado Colorado Springs: <i>Coordinated social engagement and professional development activities for Health Sciences graduate students.</i>

### **COMMUNITY ENGAGEMENT**

2022 – 2023	Evaluation Coordinator, Year of the Trail Campaign, North Carolina
2020 – 2022	Community Advisory Committee member, ConnectCOS, Colorado Springs, CO
2020 – 2022	Community Advisory Committee member, Platte Avenue Corridor Study, Colorado Springs, CO
2020 – 2022	Bike Colorado Springs Advocacy Committee member, Colorado Springs, CO
2020 – 2021	Council of Neighbors and Organizations, Volunteer, Colorado Springs, CO
2015 – present	National Multiple Sclerosis Society, Captain, <i>Team NEO Bike MS</i> , Colorado Springs, CO

2013 – 2016	Discovery Canyon Campus High School, Assistant Cross Country Coach, Colorado Springs, CO
2008 – 2012	Leukemia & Lymphoma Society, <i>Team In Training</i> Triathlon Coach, Colorado Springs, CO
1999 – 2003	American Taekwondo Association, Taekwondo Instructor, Champaign, IL