

CERTIFICATION

I have read the following and certify that this is a current and accurate statement of my professional record.

March 26, 2018

Signature:



EDUCATION

Doctorate of Philosophy (PhD)
Department of Tourism, Recreation & Sport Management
University of Florida
Major: Recreation, Parks & Tourism
Year: In Progress

Master of Science (MS), *GPA= 3.9*
Engineering School for Sustainable Infrastructure & Environment
University of Florida
Major: Environmental Engineering Sciences
Year: 2011

Bachelor of Science (BS), *Summa Cum Laude*
School University of Florida
Major: Biology
Year: 2009

FELLOWSHIPS

University of Florida Graduate School Fellowship (GSF) Award. 2014-2015.

EMPLOYMENT HISTORY

Project Manager, August 2016- Current

Employer: Gainesville Community Redevelopment Agency
Identify, plan, budget, and manage redevelopment initiatives in Gainesville's urban core.

Field Data Collector, March-August, 2014 and March-August, 2016

Employer: RAND Corporation & City Parks Alliance, Washington DC
Collect data for the first nationwide study of neighborhood parks using direct observation of physical activity and park user intercept surveys

Graduate Research Fellow, 8/14- 5/16

Employer: UF Department of Tourism, Recreation & Sport Management
Conducted research on brownfield-to-greenspace redevelopment, active living, sport policy, health disparities, parks and recreation, and the social correlates of health

EMPLOYMENT HISTORY (cont.)

Graduate Research Assistant, 12/09 -12/11

Employer: University of Florida, Department of Environmental Engineering Sciences
Conducted lab based and field research in environmental chemistry and toxicology.
Worked with a collaborative team on air quality assessment and experiments using state of the art monitoring equipment and technology. Collected air samples along the Florida Coastline after the 2010 Deepwater Horizon oil spill.

PUBLICATIONS

Spengler, J.O. & **Baber, O.** (2014). Places to Play: A Summary of Key Characteristics of the Built Environment that Support “Sport for All, Play for Life” Communities. A research brief prepared for Project Play of the Aspen Institute.

Baber, O., Slot, M., Celis, G., & Kitajima, K. (2014). Diel patterns of leaf carbohydrate concentrations differ between seedlings and mature trees of two sympatric oak species. *Botany*, 540(May), 535–540. Impact Factor: 1.369

Beardsley, R., Jang, M., **Baber, O.**, Im, Y., Delcomyn, C., & Witherspoon, N. (2013). Role of sea salt aerosols in the formation of aromatic secondary organic aerosol: yields and hygroscopic properties. *Environmental Chemistry*, 10(3), 167–177. Impact Factor: 3.035

Jang, M., **Baber, O.**, Barber, D., Powers, K., & Ghio, A. (2012) Study Report: “A Novel Exposure Method to Evaluate the Health Effects of Combustion Particulate Matter”, HEI Publications, 2012-09-12.

Baber, O., Jang, M., Barber, D., & Powers, K. (2011). Amorphous silica coatings on magnetic nanoparticles enhance stability and reduce toxicity to in vitro BEAS-2B cells. *Inhalation Toxicology*, 23(9), 532–543. Impact Factor: 2.344

PROFESSIONAL PRESENTATIONS

Active Living Research Annual Conference. 1/2017

Title: From Brownfield to Greenspace: A Case Study of Depot Park in Gainesville, FL
Authors: **Baber, O.R.**; Spengler, J.O.; and Maddock, J.E.
Oral Presentation

Active Living Research Annual Conference. 1/2016

Title: Brownfield-to-Greenspace Redevelopment: A Nationwide Socio-Spatial Analysis
Authors: **Baber, O.R.**; Spengler, J.O.; and Maddock, J.E.
Oral Presentation

Aspen Institute’s Project Play Roundtable: Where’s the Money? 10/ 2015

Title: *Innovation in Financing of Sport and Recreation Spaces*
Authors: **Baber, O.** and Spengler, J.O.

PROFESSIONAL PRESENTATIONS (cont.)

Florida Statewide Graduate Research Symposium, 4/ 2015

Title: *Can brownfield-to-greenspace urban redevelopment encourage childhood physical activity?*

Authors: **Baber, O.** and Spengler, J.O.

Oral/ Poster: Poster Presentation

Award: First Place

2014 HHP Graduate Research Symposium, 11/2014

Title: *The impact of brownfield-to-greenspace redevelopment on community recreation, physical activity, and active transportation: A natural experiment*

Authors: **Baber, O.** and Spengler, J.O.

Poster Presentation

2014 Graduate Student Research Day, October 28, 2014

Title: *The impact of brownfield-to-greenspace redevelopment on community recreation, physical activity, and active transportation: A natural experiment*

Authors: **Baber, O.** and Spengler, J.O.

Poster Presentation

2014 Graduate Student Research Day, October 28, 2014

Title: *The Inaugural Open Streets Gainesville: The Impact of a Community Recreation Event on Physical Activity*

Authors: **Baber, O.**, Kim, S., & Roe, J.

Poster Presentation

FUNDED PROJECTS

The Impact of Brownfield-to-Greenspace Redevelopment on Community Recreation, Physical Activity, and Active Transportation: A Natural Experiment (PI: J.O. Spengler, Ph.D., J.D.)

Agency: City of Gainesville Department of Parks, Recreation, and Cultural Affairs

Role: Research Assistant

When: August 2014- Present

Responsibilities: Geospatial analysis, direct observation of physical activity, data analysis, grant writing

RESEARCH EXPERIENCE (EXTERNAL)

National Study of Neighborhood Parks (PI: Deborah Cohen, M.D.)

Role: Field data collector

When: February 2014- Present

Responsibilities: Received training in the methods of direct observation of physical activity and, as part of a national study, assess park-based physical activity in Gainesville, FL

FUNDED PROJECTS (cont.)

Providing and Promoting Opportunities for Shared, Community Access to School Property, Facilities and Equipment (PI: J.O. Spengler, Ph.D., J.D.)

Role: Assistant

When: August 2014- 2015

Responsibilities: Website development, online evaluation development, webinar coordination

Health Impact Assessment: Planning for the Future of the Cabot/ Koppers Superfund Site (PI: Dr. Ruth Steiner)

Role: Assistant

When: January 2015

Responsibilities: Collect and analyze geospatial data on the remediation and redevelopment of a Superfund site in NE Gainesville, FL. Present findings to key stakeholders including the Florida Department of Environmental Protection, the Florida Department of Health in Alachua County, and the Gainesville Public Works Department. Compile a final report for the FDOH.

SERVICE

Abstract reviewer for 2018 Active Living Research Conference, October 2017

SKILLS

Computer

ArcGIS Suite, Microsoft Office Suite, R, Wordpress, Tableau