

# S. Scott Ogletree

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## EDUCATION

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### Doctor of Philosophy

Concentration: Parks and Conservation

Dissertation: "Crime and Greenspace: Extending the Analysis Across Cities"

Department of Parks, Recreation and Tourism Management

Clemson University (Clemson, SC), August 2019

### Master of Landscape Architecture

Clemson University (Clemson, SC), May 2011

### Bachelor of Science in Education

University of Georgia (Athens, GA), Aug 1995

Recreation Resource Management

## CURRENT POSITION

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### Research Fellow

University of Edinburgh

Edinburgh College of Art, OPENspace Research Centre; Professor Catharine Ward Thompson

- Data acquisition from administrative sources and forestry agency
- Data management for longitudinal and spatial analysis
- Project management

June 2021 - present

Edinburgh, UK

### Postdoctoral Research Scholar

North Carolina State University

Center for Geospatial Analytics

Department of Parks, Recreation and Tourism Management

Under Dr. J. Aaron Hipp and Dr. Myron Floyd

- Coordinate dissemination of research project outcomes
- Data analysis
- Co-instruct course on Analysis and Evaluation in PRTM
- Lead analysis and writing of research

Sep 2019 - June 2021

Raleigh, NC

## RESEARCH & PUBLICATIONS

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### *Refereed Journal Articles*

Mullenbach, L., Larson, L., Floyd, M., Marquet, O., Huang, J., Alberico, C., **Ogletree, S.**, & Hipp, J. (2022).

Cultivating social capital in diverse, low-income neighborhoods: The value of parks for parents with young children. *Landscape and Urban Planning*, 219, 104313.

Overby, A. T., Dyckman, C. S., **Ogletree, S.**, Fouch, N., Lauria, M., White, D. L., ... & Crum, D. (2021).

Evaluating Conservation Easement and Land Records Data in Rapidly Growing Counties in the United States and the Implications for Environmental Governance. *Society & Natural Resources*, 1-18.

Larson, L. R., Zhang, Z., Oh, J. I., Beam, W., **Ogletree, S. S.**, Bocarro, J. N., Lee, K.J., Casper, J.M., Stevenson, K.T., Hipp, J.A., Carusona, M. & Wells, M. (2021). Urban park use during the COVID-19 pandemic: are socially vulnerable communities disproportionately impacted?. *Frontiers in Sustainable Cities*, 103.

- Ogletree, S.**, Huang, J-H., Alberico, C., Marquet, O., Floyd, M., & Hipp, J. (2020). Parental preference for park attributes related to children's use of parks in low-income, racial/ethnic diverse neighborhoods. *Journal of Healthy Eating and Active Living*. 1(1), 6-15.
- Marquet, O., **Ogletree, S.**, Hipp, J., Suau, L., Horvath, C., Sinykin, A. & Floyd, M. (2020). Effects of crime type and location on park use behavior. *Preventing Chronic Disease*.17:190434.
- Barger, B., Larson, L. R., **Ogletree, S.**, Torquati, J., Rosenberg, S., Gaither, C. J., ... & Moody, E. (2020). Tree Canopy Coverage Predicts Lower Conduct Problem Severity in Children with ASD. *Journal of Mental Health Research in Intellectual Disabilities*, 1-19.
- Ogletree, S.**, Powell, R., Baldwin, R., & Leonard, P. (2019). A framework for mapping cultural resources in landscape conservation planning. *Conservation Science and Practice*. 1(6).
- Larson, L. R., Barger, B., **Ogletree, S.**, Torquati, J., Rosenberg, S., Johnson Gaither, C., Bartz, J. M., Gardner, A., Moody, E., & Schutte, A. (2018). Green space, gray space, and anxiety in youth with autism. *Health and Place*. 53, 94-102.
- Harris, B., Larson, L., & **Ogletree, S.** (2017). Different views from the 606: Examining the impacts of an elevated linear trail on crime in Chicago. *Environment and Behavior*. 50(1), 56-85.
- Powell, R. B., Ramshaw, G. P., **Ogletree, S. S.**, & Krafte, K. E. (2015). Can heritage resources highlight changes to the natural environment caused by climate change? Evidence from the Antarctic tourism experience. *Journal of Heritage Tourism*, 1-17.

#### ***Refereed Journal Articles - submitted & in review***

- Larson, L., Zhang, Z., Oh, J., Beam, W., **Ogletree, S.**, Bocarro, J., Lee, K., Casper, J., Stevenson, K., Hipp, J., Carson, M., & Wells, M. (submitted). Twitter as a tool for investigating urban greenspaces: A systematic literature review. *Frontiers in Sustainable Cities*.
- Ogletree, S.**, Larson, L., Powell, R., White, D., & Brownlee, M. (submitted). More greenspace linked to lower crime risk across 301 major U.S. cities. *Cities*.
- Dyckman, C., McMahan, C., Overby, A., Fouch, N., **Ogletree, S.**, Self, S., White, D., Lauria, M., & Baldwin, R.. (Revise & resubmit). Challenging inherent assumptions: Patterns in the land use typologies associated with conservation easement parcels and their implications for biodiversity conservation policies. *PLOS One*.
- Dyckman, C., McMahan, C., Overby, A., Fouch, N., **Ogletree, S.**, Self, S., White, D., Lauria, M., & Baldwin, R.. (submitted). The Spatial Geography of Conservation Easements in Twelve U.S. Counties. *Regional Studies*.
- Overby, A., Dyckman, C., **Ogletree, S.**, Fouch, N., Lauria, M., White, D., Baldwin, R., Amidon, K., & Crum, D. (submitted). Evaluating conservation easement and land records data in rapidly growing counties in the United States and the implication for land conservation. *Society and Natural Resources*.
- Barger, B., Larson, L. R., Torquati, J., Moody, E., **Ogletree, S.**, & Rosenberg, S. (submitted). Greenspace, Greyspace and Wellbeing in Children with and without Autism. *Health and Place*.

#### ***Refereed Research Presentations***

- Beam, W., **Ogletree, S.**, & Hipp, J. (2021, March 22-26). *Park Vegetation Equity in Charlotte, North Carolina*. Southeast Environment and Recreation Research Conference, Virtual.

- Ogletree, S.** (2020, March 29-31). *Opting Outside: Analysis of social media imagery in the #OptOutside movement*. SERR Conference, Asheville, NC, United States. (Conference Canceled)
- Ogletree, S., Larson, L., Powell, R., White, D., & Brownlee, M.** (2020, March 29-31). *Parks as safe havens or crime magnets: Crime and proximity to parks in four cities*. SERR Conference, Asheville, NC, United States. (Conference Canceled)
- Ogletree, S. S., Nyakawba, I., & Dudley, K.** (2017, April). *Find your park online: An analysis of social media and the National Park Service Centennial*. George Wright Society Conference, Norfolk, VA.
- Ogletree, S.S., Chancellor, H.C., & Chen, L.** (2016, October). *Mountain bike deserts: A spatial analysis of US mountain bike trail data*. Fifth Annual International Adventure Conference, Tralee, Ireland.
- Chen, L., Chancellor, H.C., & **Ogletree, S.S.** (2016, October). *Danger or adventure? An exploratory study of views about riding public bicycles in Taipei*. Fifth Annual International Adventure Conference, Tralee, Ireland.
- Gagnon, R., Stone, G., **Ogletree, S., & Garst, B. A.** (2016, April). *Alternative strategies for the assessment of socio-economic status in the leisure sciences*. Northeast Recreational Research Symposium, Annapolis, MD.
- Chancellor, H.C., **Ogletree, S. S.,** Chen, L., Langley, A., Keith, S., Kim, G., & Swain, J. (2015, September). *Bicycle tourism: Understanding a growing adventure tourism trend*. Fourth Annual International Adventure Conference, Sheffield, England.
- Chen, L., **Ogletree, S.S.,** Chancellor, H.C., Langley, A., Kim, G., Swain, J., & Keith, S. (2015, September). *Developing adventure tourism through a bicycle friendly community perspective*. Fourth Annual International Adventure Conference, Sheffield, England.
- Chen, L., Chancellor, H.C., **Ogletree, S.S.** (2015, September). *Using grey theory to forecast bicycling tourism demand in Taipei City*. Fourth Annual International Adventure Conference, Sheffield, England.
- Chen, L-H, Huang Y-C, Chancellor, H.C., **Ogletree, S. S.,** Kim, G., Keith, S. J., & Langley, A. (2015, June). *Who Is Riding Bicycles On The Roads?* The 2015 International Conference on Hospitality, Tourism and Leisure – Sustainable Development, LOHAS, and Innovation Education, Taipei, Taiwan.
- Chanse, V., Cooke, E., **Ogletree, S.,** Piascik, J., and Yonce, R. (2010). *Green Infrastructure, River Restoration, and Stormwater Retrofits: Exploring Cultural, Historical, and Ecological Landscapes in Aiken, South Carolina*. Environmental Design Research Association Conference 2010, Washington DC.

#### **Conference Poster Presentations**

- Zhao, A., Zewdie, H., **Ogletree, S.,** Messiah, S., Armstrong, S., Skinner, A., Neshteruk, C., Hipp, J., Day, S., Konty, K., & D'Agostino, E. (2021, June 22-25). *Novel approaches to integrating epidemiological and geospatial methods for examining associations between neighborhood opportunity and youth fitness*. Society for Epidemiologic Research, San Diego, CA, United States.
- Beam, W., Hipp, A., **Ogletree, S.** (2020, March 29-31). *Park Vegetation Equity in Charlotte, North Carolina*. SERR Conference, Asheville, NC, United States. (Conference Canceled)
- Ogletree, S. S.,** Huang, J., Floyd, M., Marquet, O., Alberico, C., Mazak, E., & Hipp, J. (2020, February). *Differences in parental preferences for park attributes associated with children's use of parks in low income and racial and ethnic minority communities*. Active Living Research Conference, Orlando, FL
- Ogletree, S.,** Powell, R, and White, D. (2015). *A GIS Analysis of Proximity to Parks and Crime in Greenville County*, George Wright Society Conference, Oakland, CA.

Gagnon, R., Stone, G., **Ogletree, S.**, and Garst, B. (2015). *On Belay: An Assessment of the Sport of Climbing*. George Wright Society Conference, Oakland, CA.

### **Technical Reports**

Leonard, P., Baldwin, R., Kanno, Y., Jachowski, D., Powell, R., Nelson, A., & **Ogletree, S.** (September 2015). *Interactive Conservation Planning and Design: Phase I for the Appalachian Landscape Conservation Cooperative*.

**Ogletree, S.**, Powell, R. B. (2015). *Mapping cultural resources: A framework for incorporating cultural resources in conservation planning*. Prepared for the Appalachian Landscape Conservation Cooperative.

### **RESEARCH GRANTS**

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#### Funded

**Ogletree, S.**, Hipp, J., Reif, D., & Yang, L., (2021-2022). *Investigating the impact of environmental greenspace exposure on telomere length*. Center for Human Health and the Environment, \$36,546. Role: Co-PI

Perry, E. E., Sene-Harper, A., **Ogletree, S.**, Sharp, R., & Brownlee, M. (2019). *Reliability of cell phone location data to track park visitor movements: A comparative pilot study*. Clemson University Institute for Parks, \$9,965. Role: Collaborator (Data management and analysis).

**Ogletree, S.** & Powell, R. (2014) *Proximity to Parks and Crime in Greenville County*. Greenville County Recreation District, \$5000. Role: PI.

#### Unfunded

**Ogletree, S.**, Hipp, A., Larson, L., & Mullenbach, L. (2020) *Project SEED (Society, Engagement, and Environment at Dix Park)*. Center for Human Health and the Environment - North Carolina State University, \$25,000.

### **TRAINING**

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*ONS Safe Researcher Training*. (22 September 2021). Scottish Centre for Administrative Data Research.

*Introduction to Bayesian Analysis for Public and Urban Health* (June 22-26, 2020). Drexel Urban Health Collaborative: Drexel Urban Health Summer Institute.

### **AWARDS**

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NC State Office of Postdoctoral Affairs	Professional Development Award	\$400	Summer 2020
College of Health, Education and Human Development	Travel Grant	\$1000	Spring 2015
	Travel Grant	\$1000	Fall 2015
Clemson University Graduate Student Government	Conference Travel Grant	\$1000	2014
	Conference Travel Grant	\$1000	2011
Omicron Delta Kappa	Leadership Grant	\$500	2014

**TEACHING**

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*North Carolina State University*

**Co-Instructor** PRT380 Analysis and Evaluation in PRT (3 credits, 72 students, undergraduate) Spring 2020  
Fall 2020  
Spring 2021

Lecture/Lab course. Prepare and deliver lectures, manage teaching assistants, course administration, test preparation, and grading.

Rapid conversion of in-person course to complete online format in Spring 2020.

Fully online delivery in Fall 2020 & Spring 2021

*Examination of the steps involved in analyzing and estimating the impact of recreation and parks services. Includes relevant issues and useful approaches for systematic analysis. Emphasis is placed on an understanding and development of various types of systematic evaluation designs. Activities leading to the analysis and development of performance reports to assess and improve managerial operational efficiency are covered.*

*Clemson University*

**Teaching Assistant** PRTM3910/9000 Intro to Geographic Information Systems (3 credits, ~15 students, undergraduate and graduate) Spring 2016  
Spring 2015

Lecture/Lab course. Assisted with lectures, labs, course administration, test preparation, and grading.

*Introductory course on the fundamentals of GIS, including making maps, creating and editing geographic and tabular data, spatial modeling, geodatabase creation and management and use of cloud GIS technologies.*

**Teacher of Record** PRTM2200 Conceptual Foundations of Recreation & Leisure (3 credits, 22 students, undergraduate) Spring 2014

Lead instructor. Lecture preparation, course administration, grading, and student management.

*Introduces students to the background, nature and scope of the profession, including its history, philosophy, and social and behavioral science underpinnings.*

**Teaching Assistant** FOR4310/6310 Recreation Resource Planning in Forest Management (2 credits, ~33 students, undergraduate and graduate) Fall 2015  
Fall 2014  
Fall 2013

Lecture/Lab. Assisted with labs, test preparation, and grading.

*Analysis of forest recreation as a component of multiple-use forest management; techniques of planning; physical and biological effects on forest environments; and forest site, user, and facility management.*

**INVITED REVIEWS & LECTURES**

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LARC 8020 - Landscape Architecture Orientation II	Guest Reviewer	Spring 2019
LARC 8430 - Interdisciplinary Design and Research	Guest Reviewer	Fall 2016
PRTM 4410 - Commercial Recreation	Guest Lecture	Fall 2015
PRTM 3070 - Facility Planning and Operations	Guest Lecture	Fall 2015
PRTM 4740 - Recreation Resource Management	Guest Lecture	Fall 2014
LARC 5520 - Landscape Architecture Exit Project	Guest Reviewer	Fall 2014
LARC 2520 - Site Design in Landscape Architecture	Guest Reviewer	Spring 2014
LARC 5520 - Landscape Architecture Exit Project	Guest Reviewer	Spring 2014
LARC 8430 - Interdisciplinary Design and Research	Guest Reviewer	Fall 2013

## SKILLS & EXPERTISE

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**Subject area expertise:** Geographic data science, Data management, Project management, Reproducible research, Data visualization, Research methods, Computational social science, Recreation planning

**Statistical Software:** R, SPSS, EQS

**Design Software:** Adobe Creative Suite (Illustrator, Photoshop, InDesign)

**Spatial Science Software:** ArcGIS (desktop, online, ArcPy, Survey123), QGIS, Google Earth Engine, GeoDa

**Programming Languages:** R, Python, Javascript

## PROFESSIONAL EXPERIENCE

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### Research Associate

Clemson University

May 2019 - Aug 2019  
*Clemson, SC*

- Research into data providers of mobile location datasets
- Analyze, visualize, and communicate data analysis results to team members
- Manage large datasets across local and cloud storage
- Evaluate usefulness of data for park visitation measurement

### Data Manager

Clemson University

May 2016 - May 2019  
*Clemson, SC*

- Organize and manage large scale data collection and analysis for National Science Foundation funded project
- Analyze, visualize, and communicate data analysis results to team members
- Create and maintain geospatial databases
- Transform and standardize complex and disparate data from county governments
- Program scripts and software tools to process and compile datasets
- Manage graduate assistants in qualitative coding of legal documents and data processing

### Graduate Assistant

Clemson University, Department of Parks, Recreation, and Tourism Management

Aug 2013 - May 2016  
*Clemson, SC*

- Coordinated teaching, logistics, and grading of Forest Recreation and GIS for Parks, Recreation, and Tourism Management
- Performed literature reviews (2) and statistical analyses for research projects (4)
- Assisted in preparation of peer-reviewed manuscripts (3)

### Design Associate

Pearson Russell Landscape Architecture

Aug 2011 - Aug 2013  
*Denver, CO*

- Prepared design graphics, maps and construction drawings
- Researched relevant case studies and background information, compiled precedent studies
- Produced and organized marketing materials

### Research Associate

Clemson University

May 2011 - Apr 2012  
*Clemson, SC*

- Prepared design graphics and measured drawings
- Researched precedent case studies and contemporary projects
- Assisted with design studio work
- Produced and edited CAD drawings

**Intern**Dec 2010 - May 2011  
*Asheville, NC*

RiverLink

- Planned and designed French Broad River Paddle Trail proposal
- Analyzed existing access points and camping areas
- Proposed new infrastructure for access and camping on the river
- Design recreational wayfinding system and site elements for a variety of access points
- Presented findings and work to internal and public audiences

**Logistics & Facilities Manager**Aug 2003 – Nov 2007  
*Addis Ababa, Ethiopia*

CMF International

- Managed organization property in Addis Ababa, consisting of business office, workshop and 3 residences
- Supervised 15 member national staff, employee relations, logistics to rural areas, repair and maintenance of facilities and vehicles
- Coordinated in-country operations with expatriate team members
- Served as Project Manager/Builder of rural facility and clinic
- Designed, planned and implemented the construction of housing for expatriate staff in remote location
- Provided resources and logistics for expatriate staff arriving in country

**MANUSCRIPT REVIEWS** 

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Journal of Physical Activity and Health

Preventing Chronic Disease (GIS Snapshots)

Sustainability

Journal of Leisure research

International Journal of Environmental Research and Public Health

**LEADERSHIP SERVICE** 

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Clemson ReCyclery - <i>Student initiative to promote cycling and repurpose used bicycles</i>	2014-2016
Bicycle Research Team - <i>Cycling related research group at Clemson University</i>	2014-2016
Department of Parks, Recreation and Tourism Management Graduate Student Faculty Representative	2014-2015
College of Health, Education and Human Development Dean's Advisory Board Representative	2013-2015
Protected Area Research by Clemson Students (PARCS) / George Wright Society Student Chapter President	2015-2016
Vice President	2014-2015
Treasurer	2013-2014
Clemson University Graduate Student Government Senator	2009-2011

**PROFESSIONAL ORGANIZATIONS** 

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International Society for the Measurement of Physical Behaviour

Society for Conservation Biology

International Association for Society &amp; Natural Resources