

Christopher Michael Jones

Mailing Address

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Contact Information

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SKILLS

- 5 years ArcGIS experience
- Python programming experience
- Microsoft Office Suite (Advanced Excel and Word)
- R programming proficiency
- Adobe Creative Cloud Suite (Illustrator and Audition)
- Excellent problem solving skills
- Organized and detailed
- Excellent communication skills

EDUCATION

University of North Carolina at Chapel Hill

Ph.D. Geography (anticipated completion summer 2017)

Dissertation Title: Interacting effects of disturbances in California's Big Sur

Advisor: Aaron Moody

University of North Carolina at Chapel Hill

B.S. Environmental Science, Minor Mathematics (2013)

Graduated with Highest Honors

University of Phoenix, Online

A.S. Business Administration (2009)

WORK EXPERIENCE

Graduate Student Researcher, UNC-Chapel Hill

2013-present

Geography Department, Supervisor: Aaron Moody

Overview: Modeling the spatial distribution and effects of forest pests and pathogens

GIS Technician, Grey Engineering

2013

Supervisor: John Grey

Overview: Environmental impact assessment for new waste water treatment plant in Mocksville, NC. Performed GIS data management and analysis and created infographics for presentations to stakeholders.

GIS Technician, UNC-Chapel Hill

2011-2013

Geography Department, Supervisor: Lauren Persha

Overview: Used GIS to determine the effect of forest management practices in Tanzania. GIS data management, analysis, and accuracy assessment.

Staff Sergeant, US Air Force

2003-2010

F-15 and A-10 Avionics Technician, Supervisor: MSgt James Peterson

Overview: Repaired radar, radio, and other avionics components.

HONORS AND AWARDS

Microsoft Azure for Research Grant	2017
NSF Graduate Research Fellowship Awarded in Geography.	2014-2019
Highest Honors Undergraduate Honors Thesis Awarded in Environmental Science.	2013

TEACHING AND MENTORING

Teaching Assistant, Advanced GIS <i>University of North Carolina at Chapel Hill, Geography Department</i>	Spring 2014
<ul style="list-style-type: none">• Instructed 2 GIS lab sections and held additional help sessions.• Created and graded GIS Lab assignments.• Helped students design and execute final research projects.	

SCIENCE OUTREACH

Renewable Energy Special Projects Committee	2011-2013
<ul style="list-style-type: none">• Worked with lighting engineers at CREE and Ackland Art Museum directors to find a LED lighting that maintained high lighting needs but did not damage the art.• Created proposal and budget for Ackland Art Museum project.• Part of a team responsible for allocating renewable energy student fees for energy efficiency and renewable energy projects around campus.	
Rock Your Research Podcast (rockyourresearch.com)	2015-Present
<ul style="list-style-type: none">• Co-founded inspirational podcast for graduate students. Weekly episodes feature interviews with academics and non-academics about their graduate school experience and how they found a meaningful career.• Podcast host, editor, guest liaison, and promotion.• 20 episodes to date and over 10,000 episode downloads.	

PUBLICATIONS

1. Where's woolly? An integrative use of remote sensing to improve predictions of the spatial distribution of an invasive forest pest the Hemlock Woolly Adelgid. **C. Jones**, C. Song, A. Moody. *Forest Ecology and Management*, Volume 358, 15 December 2015, Pages 222-229

Non-Peer Reviewed Publications

1. Carbon Report for UNC-Chapel Hill 2012. E. Ripley, **C. Jones**, T. Green, P. Clay, T. Hunt, H. Meeler, J. Moran, J. Morrison, M. Stafford. (first carbon budget for UNC forested lands)
2. Environmental Impact Assessment for new waste water treatment plant in Mocksville, Davie County, NC. J. Grey, **C. Jones**, J. Howard, G. Bullard, M. Grey.

PRESENTATIONS

1. "Projecting the distribution of invasive forest pests and pathogens under climate change scenarios" Association of American Geographers Annual Meeting, April 8-12, 2014, Tampa, FL.
2. "Carbon sequestration of UNC-Chapel Hill's urban forests" UNC Sustainability Advisory Committee, December 12, 2012, Chapel Hill, NC
3. "Modeling the spatial extent of HWA infestation in the Delaware Water Gap National Recreation Area" Southeastern Division of Association of American Geographers Annual Meeting, Nov. 18-20, 2012, Asheville, NC. (poster)

REFERENCES

Aaron Moody (Dissertation Advisor)
Associate Professor of Geography
University of North Carolina at Chapel Hill
aaronm@email.unc.edu
919-962-5303

John Grey
Owner operator
Grey Engineering
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