

# JOHN PAUL DEES

## Curriculum Vitae

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## EDUCATION

**B.S. in Applied Environmental and Spatial Analysis, University of North Georgia, 2015**  
*Degree Emphasis: Environmental Studies*

## HONORS, SCHOLARSHIPS, & GRANTS

***Udall Scholar***, National competitive scholarship for undergraduate students dedicated to careers related to the environment or tribal public policy (2014)

***Summa Cum Laude***, University of North Georgia (2015)

***Clark Theodore Outstanding Non-Traditional Student***, University of North Georgia, Gainesville Campus, Highest Institutional Award (2013)

***FUSE Research Grant***, funded summer undergraduate research, GIS in the humanities (2013)

***Hall County Soil and Water Conservation District Scholarship***, \$1,000 awarded to outstanding spatial analysis student (2014)

***Who's Who in American Colleges and Universities*** (2013 & 2014)

***Social Sciences Scholarship***, \$1,000 awarded by University of North Georgia Social Sciences Department, (2012-2013)

***Second Place Paper, Humanities Division***, awarded by Georgia Collegiate Honors Council, for "Steinbeck's Monster," which explored the connection between capitalism and Dustbowl-era environmental degradation in John Steinbeck's *The Grapes of Wrath* (2013)

***Outstanding Geology Student***, University of North Georgia (2015)

***Outstanding GIS Student***, University of North Georgia (2014)

***Phi Theta Kappa Honors Society***

***UNG Honors Program***

## PUBLICATIONS

Reed, G. & **J. Dees** (2014). Using *Words with Friends* data in an introductory statistics course. *MathAMATYC Educator*, Vol. 5, Number 3: 58-60.

Turner, A. & **J. Dees** (2014). Remapping Capital(s) in Karen Tei Yamashita's *Tropic of Orange*. Under review for *Breaking with Capital Culture* book project.

## CONFERENCE PRESENTATIONS

**Dees, J.** & J.B. Sharma (2014), Measuring residential greenspace access in a rurally-situated urban area: An object-based data fusion approach, Paper presented at Applied Geography Conference, Atlanta, GA.

Turner, A. & **J. Dees** (2013), "Someone Else Must Have the Big Map": The postmodern geography of *Tropic of Orange*, Poster presented at South Atlantic Modern Language Association's 85<sup>th</sup> Annual Conference, Atlanta, GA.

**Dees, J.** (2013). GIS in the humanities. Poster presented at the Georgia Collegiate Honors Conference.

**Dees, J.** (2013), Using GIS to explore the transnational novel. Poster presented at University of North Georgia's Annual Research Conference

**Dees, J.** (2012). Steinbeck's monster: From the 1930s to present. Paper presented at Georgia Collegiate Honors Conference.

## INTERNSHIPS AND EXPERIENCE

**Research Assistant**, Remote Sensing and GIS applications in Urban Tree Canopy, University of North Georgia, Summer 2015-Present.

- Development of OBIA algorithm to delineate evergreen and deciduous tree canopy in Hall County, Georgia.
- Creation and analysis of a variety of tree canopy metrics useful to city planners and forestry

**Research Assistant**, North Georgia History Project, University of North Georgia, Spring 2014-Present

- Management of georectification and orthorectification processing of historic aerial photos for web-based history project

**Research Assistant**, Joint Hazard Assessment of 2013 Colorado Floods, University of North Georgia, North Virginia Community College. Spring 2014-Present.

- Teaching LiDAR and Object-Based Image Analysis (OBIA) techniques to students at remote campus.
- Developed presentations and labs for intern training.
- Developed algorithms for OBIA land cover classification of pre/post flood conditions.

**Teaching Assistant**, Introduction to GIS; University of North Georgia, Fall 2013-Fall 2014.

- Supported instructor in one-on-one assistance of students during lab sessions.
- Evaluated student project proposals and assisted in student project design and data collection.

**Teaching Assistant**, Introduction to Cartography; University of North Georgia, Fall 2013-Fall 2014.

- Supported instructor in one-on-one assistance of students during lab sessions.
- Assisted in meticulous grading of exams, quizzes, and homework assignments on a weekly basis.

**Research Assistant**, Applications of GIS in Literature Analysis, University of North Georgia, Summer 2013.

- Researched past applications of GIS in the humanities.
- Developed Python script and XML framework for automated digitization of geographies in a literary work.
- Developed methodology for cartographically visualizing Karen Tei Yamashita's *Tropic of Orange*.

**Supplemental Instructor**, College Algebra, University of North Georgia, Spring 2013.

- Developed supplemental lesson plans for college algebra course.
- Facilitated and guided student study sessions twice per week.

**Writing/Composition Tutor**, Gainesville State College Writing Center, Spring 2011-Spring 2013.

- Facilitated student learning in grammar and composition through tutor sessions, workshops, and peer review.

**Lead Production Coordinator**, Kipper Tool Company, 2007 – 2011.

- Led production team with support of management to meet contractual obligations.
- Communicated production needs and challenges in interdepartmental meetings.

- Developed production schedules and delivery projections for upper management.

### **Service and Campus Leadership**

**President,** Students for a Progressive Society, 2012.

- Developed campus and community activities/events related to current political issues.
- Led club officers in attainment of club goals such as membership growth, community outreach, and leadership development

**Treasurer,** Geospatial Alliance, 2013.

- Managed club funds and appropriations.
- Planned expenditures for subsequent year and presented this information to student activities committee during budget request meetings.

**Volunteer,** Linwood Nature Preserve, 2012 – Present.

- Organized student workdays for community native plant conservation effort.
- Identified and removed invasive plant species.

**Volunteer Cartographer,** Paddle Georgia, Summer 2014

- Designed map products for annual week long kayak and river cleanup excursion.
- Effectively communicated and implemented design needs with event organizers and Riverkeeper.