

## Danielle R. Haskett Jennings

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### Education

2014 – Present      PhD, Department of Geography  
University of Georgia, Athens, GA  
\* GPA: 3.97/4.00  
\* Geographic Information Systems Certificate

2011 – 2013      Master of Science in Geography, Department of Geography  
University of Georgia, Athens, GA  
\* GPA: 3.81/4.00

2000 – 2004      Bachelor of Science in Geology, Department of Geology  
University of Georgia, Athens, GA  
\* GPA: 3.22/4.00

### Employment and Appointments:

June 2019 – May 2020      **Center for Geospatial Research**      Athens, GA  
*Research Assistant*

- Working on updating materials on the website for the Center for Geospatial Research
- Geospatial analysis using GIS techniques to monitor fish movement

August 2017 – May 2019      **Center for Applied Isotope Studies**      Athens, GA  
*Research Assistant*

- Responsible for prepping and analyzing GasBench -IRMS samples for carbon (<sup>13</sup>C) and oxygen (<sup>18</sup>O) isotopes collected from the gas CO<sub>2</sub>.
- Trained employees on gas bench protocol
- Prep and analysis of bulk sediment for carbon (<sup>13</sup>C) and nitrogen (<sup>15</sup>N) isotope analysis
- Maintained and met standards for ISO accreditation
- Calibrate microbalances daily
- Perform maintenance on freeze dryer
- Preparation of water quality samples for nutrient analysis

June 2014 – November 2014      **NASA DEVELOP National Program**      Athens, GA  
*Intern*

- Assisted in the development of a remote sensing tool that quantifies algal biomass for Georgia's inland reservoirs



Grundstein, A., Porinchu, D.F., Vercoe, R.A., Akers, P.D., **Haskett, D.R.**, and Das, U. - **\$4,500**

2012 – 2013 **Geological Society of America Graduate Student Research Award: A Paleolimnological Study of Late Quaternary Climate Change in the Colorado Rockies.**  
Danielle Haskett (PI) - \$1,428

**TOTAL: \$40,556**

**Awards and Honors:**

2017 AAG – Biogeography Specialty Group presentation competition: PhD Paper Presentation winner  
AAG – Paleoenvironmental Change Specialty Group presentation competition: PhD Paper Presentation winner

2016 Kerry Kelts Award (**\$1000**): Limnogeology Specialty Group (GSA)

2015 Outstanding Graduate Teaching Award: Geography Department (UGA)  
Phi Kappa Phi member  
Sigma Xi member

2013 AAG – Paleoenvironmental Specialty Group presentation competition: Undergraduate/M.S. Paper Presentation winner

2002 – 2003 Dean’s List Recipient

2002 Presidential Scholar

2000 – 2004 HOPE Scholarship

**Article Publications:**

2017 Porinchu, D.F., **Haskett, D.R.** and Reinemann, S.A., 2017. Biostratigraphic evidence of human modification of high elevation aquatic ecosystems in the Intermountain West of the United States. *Anthropocene*, 20, pp.37-47.

2014 **Haskett, D.R.** and D.F. Porinchu. A quantitative midge-based reconstruction of thermal conditions in central Colorado during marine isotope stage 5. *Quaternary Research* 82 (3), pg 580-591.

Miller, I.M., Pigati, J.S., Anderson, R.S., Johnson, K.R., Ager, T.A., Baker, R.G., Blaauw, M., Bright, J., Brown, P.M., Bryant, B., Calamari, Z.T., Carrara, P.E., Cherney, M.D., Davis, E.B., Demboski, J.R., Elias, S.A. Fisher, D.C., Graham, R.W., Gray, H.J., **Haskett, D.R.**, Honke, J.S., Jackson, S.T., Jiménez-Moreno, G., Kline, D., Leonard, E.M., Lifton, N.A., Lucking, C., Mahan, S.A., McDonald, H.G., McHorse, B.K., Miller, D.M., Muhs, D.R., Nash, S.E., Newton, C., Paces, J.B., Petrie, L., Plummer, M.A., Porinchu, D.F., Rountrey, A.N., Scott, E., Sertich, J.J.W., Sharpe, S.E., Skipp, G.L., Strickland, L.E., Stucky, R.K., Thompson, R.S., Wilson, J. A high-elevation, multi-proxy biotic and environmental record of MIS 6-4 from the southern Rocky Mountains, Colorado, USA. *Quaternary Research* 82 (3), pg 618-634.

**Research Papers:**

- 2018**      **Haskett, D.R.** and D.F. Porinchu. Chironomid community response to recent climate and environmental change in Rocky Mountain National Park, Colorado. American Association of Geographers 114<sup>th</sup> Annual Meeting, New Orleans, LA. (4/10/18).
- 2017**      **Haskett, D.R.** and D.F. Porinchu. Benthic Invertebrate Response to Climate and Environmental Change in the Colorado Rocky Mountains during the Recent Past. The Continental Divide Research Learning Center Biennial Research Conference, Estes Park, CO. (3/2/17)
- Haskett, D.R.** and D.F. Porinchu. Climate and Environmental Change in the Colorado Rocky Mountains during the Late Quaternary: An Analogue for a Warm Future. American Association of Geographers 113<sup>th</sup> Annual Meeting, Boston, MA. (4/8/17).
- 2016**      Invited panelist for the Panel Session on Graduate Student Teaching at the 2016 SEDAAG Meeting titled “Title: When Graduate Students Teach: Tips and Strategies to Help You Succeed”. (11/21/16)
- 2015**      **Haskett, D.R.**, Bartelme, B., Sari, I., Astuti, Ghosh, S., Page, B., Remillard, C., Simpson, S. Developing a Cyanobacteria Detection Tool for Georgia Inland Waters Using NASA Landsat 8 OLI Data for Water Quality Protection and Restoration. American Association of Geographers 111<sup>th</sup> Annual Meeting, Chicago, IL. (04/25/15).
- 2014**      **Haskett, D.R.** and D.F. Porinchu. A quantitative midge-based reconstruction of mean July air temperature from a high elevation site in central Colorado for MIS 6 and MIS 5. South Eastern Division of the American of American Geographers 69<sup>th</sup> Annual Meeting, Athens, GA (11/25/14).
- Ghosh, S., B. Bartelme, I.S. Astuti, E. Benyshek, **D.R. Haskett**, J. He, B. Page, S. Wilde, D. Mishra. Developing a Cyanobacteria Detection Tool for Georgia Inland Waters Using NASA Landsat 8 OLI Data for Water Quality Protection and Restoration. South Eastern Division of the American of American Geographers 69<sup>th</sup> Annual Meeting, Athens, GA (11/25/14).
- Haskett, D.R.** and D.F. Porinchu. A quantitative midge-based reconstruction of mean July air temperature from a high-elevation site in central Colorado, USA, for MIS 6 and 5. Graduate Climate Conference 8<sup>th</sup> Annual Meeting, UW Pack Forest Conference Center, WA. (10/31 – 11/2)
- Haskett, D.R.** and D.F. Porinchu. A Midge-based Reconstruction of Thermal Conditions in the Central Colorado Rockies during Marine Isotope Stage 5. American Association of Geographers 110<sup>th</sup> Annual Meeting, Tampa, FL. (04/08/14).

**2013**            **Haskett, D.R.** and D.F. Porinchi. A quantitative midge-based reconstruction of thermal conditions in central Colorado during Marine Isotope Stage 5. Geological Society of America 125<sup>th</sup> Annual Meeting, Denver, CO. (10/30/13).

**Haskett, D.R.**, D.F. Porinchi. A Chironomid-based Reconstruction of Late Quaternary Thermal Conditions at the Snowmastodon Site, Snowmass Village, Colorado. American Association of Geographers 109<sup>th</sup> Annual Meeting, Los Angeles, CA. (04/10/13)

**2012**            Porinchi, D.F., **Haskett, D.R.** Late Quaternary climate change at the Snowmastodon Site, Snowmass Village, CO: Preliminary results from sub-fossil midge analysis. Denver Museum of Nature and Science (06/25/12)

Porinchi, D.F., Reinemann, S. and **Haskett D.R.** Holocene climate variability in the Intermountain West: Evidence from lake sediment. MNTCLIM: Consortium for Integrated Climate Research in Western Mountains (CIRMOUNT), Estes Park, CO (10/02/12).

**Service:**

- 2019            National Association of Graduate and Professional Students:  
*SE Regional Chair for Employment Concerns*
- 2017-2018    Graduate Student Representative of the Geography Department Colloquium Review Committee
- 2017           Graduate Student Representative on the hiring committee for the Graduate Program Administrator Position
- 2016-2017    Editorial Assistant for *Southeastern Geographer*
- 2016-2017    Secretary for the Geography Grad Student Association, Geography Department, UGA
- 2013-2017    GEOG 1111L Lab Coordinator
- 2012-2013    GeogDawg Representative, Geography Department, UGA
- 2012-2015    Undergraduate Conference Judge, Geography Department, UGA

**Field Experience:**

- 2017           Collected long sediment cores from a high elevation lake in Rocky Mountain National Park, CO
- 2016           Collected short cores for lake sediment and water samples for geochemistry in Rocky Mountain National Park, CO
- 2015           Collected sediment and limnological data in Rocky Mountain National Park, CO

2012 Collected sediment and limnological data in the Rocky Mountains: CO  
Field Assistant for GEOL 4010: Life and Ecologies of Past (UGA): Sapelo Island, GA

2004 Geology Field School: CO, NM, UT

**Technical Skills:**

- Programs: R, C2, SigmaPlot, Canoco, ArcGIS, Microsoft Office Suite
- Instrumentation: Elemental Analyzer, Binocular Microscope, Illuminator  
Polariscope, Spectroscope, Refractometer, Petrographic Microscope, standard  
limnological instruments, Microbalance, Gas Bench, PreCon,

**Professional Memberships:**

-Ecological Society of America (2015 – Present)

-Association of American Geographers (2011 – Present)

- Student Representative for the Mountain Geography Specialty Group (2014 – 2016)
- Student Representative for the Paleoenvironmental Change Specialty Group (2017-2018)

-Geological Society of America (2011 – Present)

-South Eastern Division of American Geographers (2011 – Present)

-International Paleolimnology Association (2011 – Present)