

**Graduate Research Assistantship Announcement**  
**School of Natural Resources – University of Missouri**

“Adaptive silviculture for climate change: effects of silvicultural treatments on fuels, fire behavior, and fire effects in a longleaf pine ecosystem”

A Master of Science graduate research assistantship is available with Dr. Benjamin Knapp in the School of Natural Resources (<http://www.snr.missouri.edu/forestry/>) at University of Missouri. The assistantship will be in collaboration with the Jones Center at Ichauway (JCI; <http://www.jonesctr.org/>), an institution dedicated to excellence in natural resource management and conservation. This project is part of the Adaptive Silviculture for Climate Change (ASCC) network, designed to evaluate silvicultural treatments for resistance, resilience, and transition to future climate conditions. In longleaf pine ecosystems, fire is critical for sustaining ecosystem function. This research will evaluate effects of ASCC treatments on fuel characteristics, fire behavior, and fire effects.

The position will be split between Columbia, MO (University of Missouri) and Newton, GA (JCI), with approximately one year in each location. Duties of this position will include completion of required coursework, field sampling of fuels, fire behavior, and fire effects, data organization, data analyses related to study objectives, and the completion of a thesis and peer-reviewed publication(s). Competitive candidates for this position will have a B.S. degree in forestry, ecology, biology, natural resources, or a closely related discipline, proficiency in written and oral communication, strong GRE scores, and evidence of scholastic success. The position will begin in August 2020.

The successful candidate will receive tuition support and a competitive stipend (\$21,852 per year). To apply, please submit the following to Dr. Benjamin Knapp ([knappb@missouri.edu](mailto:knappb@missouri.edu)):

- 1) personal statement of career goals
- 2) resume or curriculum vitae
- 3) transcripts
- 4) GRE scores
- 5) contact information for three references

Review of applications will begin immediately and continue until a candidate is selected. Come join our growing lab (<https://www.mosilviculture.com/>)!

Dr. Benjamin Knapp  
Associate Professor  
School of Natural Resources  
University of Missouri  
203S Anheuser-Busch Natural Resources Building  
Columbia MO 65211

Email: [knappb@missouri.edu](mailto:knappb@missouri.edu)

