



THOMAS  
MORE  
UNIVERSITY

## ECOLOGY INTERN FALL 2023

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### Background:

The Boone County Conservation District (BCCDKY) and the Department of Biological Sciences at Thomas More University (TMU) are collaborating to offer a seasonal internship position for TMU students to continue ongoing forest and watershed health programs in Boone County, Kentucky.

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### Intern Requirements:

- Sophomore or higher status at TMU, studying biology or related field
- Good Academic Standing and a minimum 3.0 GPA
- Successful completion of General Biology I & II
- Ability to work in the outdoors during inclement weather and over challenging terrain
- Coursework in biology and/or field work related to biological monitoring
- General knowledge of ecosystem functions and biological monitoring methods
- Ability to interact professionally with members of the general public, including K-12 students
- Proficient in Microsoft Office
- Valid Driver's License
- CPR certification or ability to obtain certification upon hiring
- Ability to work occasional weekends and evenings
- Ability to work independently and with minimum supervision

### Intern Job Summary:

In this position, the intern will work alongside BCCDKY and TMU staff to conduct ongoing forest health and watershed research in Boone County's natural areas. Current research projects include monitoring of plant communities, acoustic bat surveys, and habitat monitoring for mussels and other aquatic species. Intern will be responsible for maintaining research database, conducting field work, and communicating results with the public. During the season, the intern will also develop an independent study under supervision of District staff.

In addition, intern will assist with other District operations, including education and outreach programs, technical assistance for habitat management projects, and other administrative duties as assigned.

**Duration:** Mid-August through mid-December, 2023 (approximately 13 weeks)

**Hours:** Part-time, approximately 100 hours total, including some evening and weekend work

**Compensation:** \$1,000 stipend

**Report to:** Susan Brown, Conservation Education Specialist, Boone County Conservation District

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## DUTIES

### Forest Health Monitoring Programs (40%)

- Deploy and retrieve bioacoustics monitoring equipment from the field
- Survey plant communities
- Conduct background research and literature reviews
- Manage data analysis and organization
- Maintain equipment and supplies

*Revised April 2023*

- Communicate research results with the public through written reports, digital media, and public presentations

**Watershed Health Monitoring Programs (40%)**

- Assist with field work in local streams, including hydromodification surveys and biological sampling
- Conduct background research and literature reviews
- Maintain equipment and supplies
- Communicate research results with the public through written reports, digital media, and public presentations

**Educational Programs (10%)**

- Assist with the planning and facilitation of family programs, summer programs, workshops, and community events, including weekend programs
- Prepare documents and materials for display boards, quarterly newsletters, blogs, and social media posts

**Administration (10%)**

- Attend appropriate staff and board meetings
- Attend appropriate trainings pertaining to job duties, including First Aid and CPR
- Other duties as assigned

**Deadline to apply: July 28, 2023**

To apply, please send a cover letter, resume, and one letter of recommendation to each of the following:

Dr. Christopher Lorentz  
Lorentc@thomasmore.edu

Dr. Shannon Galbraith-Kent  
Galbras@thomasmore.edu

Susan Brown  
suasnbrown@bccdky.org