# Training the next generation of fire professionals to bridge research-management communities

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The Lake States Fire Science Consortium (LSFSC) is committed to ensuring that the best available science informs planning and management for fire-dependent ecosystems of the northern Lake States region. The LSFSC assists in identifying and filling knowledge gaps so that science informs practice, and vice-versa.

Unfortunately, for many local to regional fire management issues, few resources exist to bring managers and scientists together to solve these important issues.

To enhance the opportunities for managers and scientists to work together, and to expose future professionals to opportunities for research-management collaborations, the LSFSC funds student internships that address regional fire science research and *management issues.* Internship projects are developed by joint manager-scientist teams. This program provides unique training opportunities that help prepare the next generation of fire professionals to bridge fire research and management perspectives.

#### Who we are

The Lake States Fire Science Consortium (LSFSC) is one of 15 regional Fire Science Exchanges in North America, supported by the Joint Fire Science Program.

#### Our mission

The LSFSC mission is to accelerate the awareness, understanding, and adoption of wildland fire science information by federal, tribal, state, local, and private stakeholders across the Lake **States from Minnesota to New** York, and the adjacent **Canadian provinces of Ontario** and Manitoba.



### **Program accomplishments**

The LSFSC internship program has supported:

- 2 to 3 internships annually between 2013 to 2019
- 16 internships total
- 11 new partnerships between fire researchers & fire managers
- 5 continuing projects\*

**Projects funded to date represent:** 

- knowledge, species responses to fire, and using fire to restore ecosystems
- Ecosystem types ranging from open barrens to closedcanopy forests

## **Project profiles**

Sample responses from program participants:

- Student: "This was a valuable *experience because it brought* everything that I have learned in school together... it encompassed so many ecological areas, we worked in different types of stands, and collected data that can be used to help make better decisions for the future."
- **Tribal organization: Identified** benefits including "enhancing trust as well as shared governance & goals" between tribal & agency partners for managing culturally important species.
- <u>Agency:</u> "Today [the student] works as a Forester for [a] National Forest and is interested in graduate studies. [The student] recently contacted me about how to go back to graduate school & remain a FS employee."

Teams present project results via LSFSC webinars, which are archived & publicly available on our website.

**Topic:** Application of Partners:

Partners: • UW-Madison

Partners:

- Station
- Habitat: Pine barrens

# **Outcomes & next steps**

This program has advanced partnerships and knowledge that will not only help improve management of fire-dependent ecosystems locally, but also provide training to the next generation of wildland fire professionals in skills for communicating across researcher and manager communities.

Applications accepted annually in early December. See <u>http://lakestatesfiresci.net</u> for information.







