



s.a.f.e.

student association
for fire ecology



UWSP STUDENTS OF FIRE

By: Paul Priestley and Kelley Harkins

INTRODUCTION



- University of Wisconsin - Stevens Point
 - College of Natural Resources
- Wildland Fire Science Major
 - Began in 2013
- Association of Fire Ecology
 - Accreditation of Fire Science program



UWSP FIRE CREW



➤ Brief History

- Formed in 1986
- Student Operated
- Multi-disciplinary participation
- Currently Just over 100 active members



UWSP FIRE CREW



The UWSP Fire Crew is a professional student organization, highly trained and dedicated crew with the primary purpose of wildland fire suppression, prescribed fire operations, and "all-risk" emergency response while providing for the protection and preservation of life, property and natural resources.

UWSP FIRE CREW



- Positions
 - Core Officers (8)
 - Members
- Crew Requirements
 - Wildland FFT2 Certification
 - Annual Refreshers
 - Pack Test
 - Shelter Deployment



MUTUAL AID WITH WI DNR



➤ Basic Certifications

- S-130, L-180, S-190

➤ Advanced Certifications

- S-131/133 FFT1 Training
- S-211 Pumps and Water
- S-212 Chainsaws
- S-219 Firing Operations



MUTUAL AID WITH WI DNR



- Suppression aid
- Prescribed Fire
- Dispatching
- Staffing



UWSP FIRE CREW



➤ Prescribe Burns

- Burn Plans
- State, Federal, Private
- Ecological Objectives
- Map Making



UWSP FIRE CREW



➤ Fuel Types in Wisconsin

- Prairies
- Oak Savannas
- Northern Hardwoods
- Boreal/Temperate Transition Forest
- Wetlands



ACTIVITIES



➤ Workshops

- Resumes
- Radios
- Flag Fires
- Sand Tables



➤ Weekly PT

- Variety of workouts
- Team building



FIRE CREW TRIPS



- Florida
 - St. Sebastian River Preserve State Park
 - Florida Park Service
- Illinois
 - Forest Preserve of Cook County
- Oklahoma
 - Pushmataha WMA
 - Long-term research plots



FLORIDA PRESCRIBED BURN TRIP



- St. Sebastian River Preserve State Park
- Mike Roess Gold Head Branch State Park
- Fuels
 - Longleaf Pine, Palmetto, Wiregrass, Southern Oaks and many more



OKLAHOMA



- NRES 499: Oklahoma Fire Experience at Pushmataha Wildlife Management Area

- [News Report](#)



CONFERENCES

- **Arizona:** AFE's 3rd Southwest Fire Ecology Conference
- **Michigan:** Burning Issues Symposium
- **Oregon:** IAWF Fire Behavior and Fuels Conference
- **Texas:** AFE Fire Ecology Congress
 - *Poster Award



FIRE SCIENCE CURRICULUM



- FOR 450 - Fire Policy
Suppression and Use
- FOR 324 - Fire
Management
- NRES 454 - Fire Behavior
and Fuels
- NRES 457 - Ecological
Monitoring
- NRES 459 - Ecosystem
Restoration and
Management
- NRES 455 - Advanced Fire
Ecology

CONCLUSION



- Collaboration of students, faculty, and industry professionals
- Education and training for students of fire
- Dynamic future calling for ecologists, managers, and firefighters to approach future challenges



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- All Cooperating Agencies
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