Pines & Needles is a weekly career newsletter specifically for FNR students that includes upcoming events and resources! **There are a few information sessions happening this week along with several workshops.** A Basic Wildland Fire Training information session will also be taking place later in September.

Be sure to check out the [FNR Job Board](#) (updated weekly) for a full list of opportunities you may qualify for.

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**SPOTLIGHT**

**Lab and Work Study Opportunities**

Dr. Rod Williams, Professor & Extension Wildlife Specialist, is looking for dedicated and highly motivated undergraduate students who are interested in **delivering nature-based lesson plans to local elementary schools (K-5) this fall.** This will also be a part of his lab. If you’re interested or want more information, contact Dr. Williams directly at rodw@purdue.edu.

Dr. Tomas Hook’s lab is looking for a **work study student to assist with multiple research experiments being conducted this term.** This research involves (1) a mesocosm experiment using yellow perch to look at changes in morphology and gut microbiome related to differences in habitat and diet use; (2) laboratory experiments using zooplankton and fishes to look at the effects of microplastics on food web dynamics; (3) stable isotopes from offshore collections in the Great Lakes. **Interested students who qualify for work study should contact Dr. Chris Malinowski at crmalinowski@purdue.edu for more information.**

**Trees Fall for Me, Safely Level I Session**

**Chainsaw Operation Training will be September 14**

A Chainsaw Operation and Tree Felling Training session will be offered September 14 from 9:00 a.m. – 2:00 p.m. at the Wright Center/Martell Forest. More information can be found on the attached flyer. **Space has been filled, and a wait list is available. To sign up, visit the OSS in PFEN G003.** Another training will be held October 12 (information on the attached flyer as well).

**Save the date! Basic Wildland Fire Training**

The IDNR, Division of Forestry, Purdue University, FNR, and Wildfire Management & Training Specialists will jointly host a Basic Wildland Fire Training on Saturday, November 23 from 7:00 a.m. to 4:00 p.m. at the Wright Center (see the attached). Early registration ends October 15. After October 15, the registration fee increases. **Be sure to attend the information session on September 24 (info below) for all the details!**

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### UPCOMING EVENTS

- **Career Fair Prep Workshop**
  - September 3, 6:00 p.m. – 7:30 p.m.
  - LWSN 1142

- **Strengths 101 Workshop**
  - September 4, 3:00 p.m. – 4:30 p.m.
  - KRACH 230
  - Sign up required

- **CV to Resume for Grads and Postdocs**
  - September 4, 5:00 p.m. – 6:00 p.m.
  - RAWLS 2070

- **Mock Career Fair hosted by the Purdue Alumni Association**
  - September 4, 7:00 p.m. – 8:30 p.m.
  - PMU Ballrooms

- **CCO Resume Blitz**
  - September 5 and 6, 10:00 a.m.–4:00 p.m.
  - PMU 1st Floor Lounge
  - September 9, 10:00 a.m. – 4:00 p.m.
  - YONG Hall, 2nd Floor

- **Basic Wildland Fire Training Information Session**
  - September 24, 2:00 p.m. and 6:00 p.m.
  - PFEN 241

Visit the CCO Calendar for a full list of upcoming workshops and employer information sessions.
Basic Wildland Fire Training Information Session Tuesday, September 24
The IDNR, Division of Forestry will be having a Basic Wildland Fire Training Saturday, November 23 at the Wright Center. Hear from FNR Alum Steve Creech to learn more about this training as well as his career path. A forestry graduate, some of Steve’s experiences at Purdue include teaching a fire ecology course and serving as a Summer Practicum Director. This is an opportunity you don’t want to miss! The session will take place Tuesday, September 24 at 2:00 and 6:00 p.m. in the Dean’s Auditorium (PFEN 241). You only need to attend one session (no sign-up required).

College of Agricultural Study Abroad Fair September 4
Looking to get out of the country? Need more experience to add your resume? Want to earn college credit by doing both? Attend the College of Agriculture Study Abroad Fair to learn more about opportunities that are available to you. The fair will take place Wednesday, September 4th from 10:30AM-3:30PM on the AGAD Lawn.

Come to the AG-Celerator Fall Call Out Event
Purdue Ventures is hosting a fall semester callout and info session for the $100,000 Ag Innovation Ag-Celerator for Purdue students, faculty, alumni and other Purdue affiliates on Wednesday, September 4th at 4:30 pm in PFEN 241 (Dean’s Auditorium). Innovations can be anything related to plant sciences including, but not limited to, innovations advancing crop traits, generating higher yields, using big data to improve farm management, new uses of plants, precision agriculture and advanced breeding techniques. Attend the info session to find out more.

CCO Resume Blitz September 5, 6 and 9th
The Center for Career Opportunities (CCO) will be hosting their annual Resume Blitz September 5, 6, and 9. Get your resume career ready with help from the CCO staff and company representatives. No appointment necessary, just show up between 10 am – 4pm with a printed copy of your resume. The blitz will take place in the PMU 1st Floor Lounge September 5 and 6, and YONG Hall, 2nd floor September 9.

JCPenney Suit-Up Event September 8th
Shop career dress apparel! Shop everything you need to finish your look for that next career fair, interview or new job. Check out new items added this fall including men's khakis, men's basics, fashion jewelry, handbags, luggage and more! Attend the JCPenney Suit Up Event Sunday, September 8 from 5:00pm-9:00pm. Preregister by Thursday, September 5 by emailing askcco@purdue.edu with your name, email and phone number.

The College of Ag Fall 2019 Career Fair is coming Tuesday, October 1st. A great way to meet employers is to help at the fair. Sign-Up today to assist with the fair. If you have questions, contact Sherre Meyer at meyer10@purdue.edu, or 765-494-8482.

DID YOU KNOW?
Time management is a skill many employers find extremely valuable, so learn to treat your school week as a work week. Set a schedule for yourself and follow it not only to get things done, but to also have some free time to yourself. Need help getting started? Luckily there are tons of apps for that!
PROGRAM ANNOUNCEMENT

TREES FALL FOR ME, SAFELY LEVEL 1
CHAINSAW OPERATION TRAINING
FOR FOREST MANAGEMENT TECHNIQUES

WHAT: Chainsaw Operation Training

WHEN: Saturday, September 14, 2019 • 9:00 a.m. to 2:00 p.m.

WHERE: The Wright Center / Martell Forest

WHO: FNR students and interested staff

This training is required before taking the Trees Fall for Me, Safely Level 2. You may ‘test out’ of this session if you have experience by emailing behelerb@purdue.edu.

DETAILS: Don Carlson will spend about two hours in the classroom going over chainsaw safety and operation, PPE, and techniques used in forest/habitat management. Following the classroom instruction, students will put on PPE and practice starting and operating the chainsaw. Students will learn bucking, delimbing, girdling, and felling SMALL trees. These activities are meant to familiarize students with the equipment operation and safety while getting comfortable with the machine.

Registration is limited to 15 students.

Lunch will be provided.

Comments from previous Trees Fall for Me, Safely program attendees:

• I think that it was a great time; it was done well and was safe.
• It was a great experience.
• Great idea! This needs to happen more often...
• Exceptional training

To register for this program, sign up in the OSS.
PROGRAM ANNOUNCEMENT

TREES FALL FOR ME, SAFELY LEVEL 2
Directional Felling Techniques

WHAT: Chainsaw Operation and Tree Felling Training

WHEN: Saturday, October 12, 2019 • 9:00 a.m. to 2:00 p.m.

WHERE: The Wright Center / Martell Forest

WHO: FNR students and interested staff

Must have attended or tested out of basic training level 1 to attend.

DETAILS: Don Carlson will spend about one hour in the classroom reviewing chainsaw safety and focus on tree felling techniques. Each student will bore cut into a stump before safely felling larger diameter trees.

Registration is limited to 12 students.

Lunch will be provided.

Comments from previous Trees Fall for Me, Safely program attendees:

• I think that it was a great time; it was done well and was safe.
• It was a great experience.
• Great idea! This needs to happen more often...
• Exceptional training
• It was very helpful and educational. It was a nice size group to learn. It was fun!
• I think this was great! This is a great thing I can put on my resume which might make me a better candidate.
• The entire course was very helpful for both experienced and inexperienced alike.
• Really glad I came – would like to do more of this type training.
• Can we do it again?

To register for this program, sign up in the OSS.
Basic Wildland Firefighter Training
S-130 Basic Firefighter, S-190 Introduction to Wildland Fire Behavior,
L-180 Human Factors on the Fireline, and I-100 Introduction to Incident Command

The Indiana Department of Natural Resources, Division of Forestry, Purdue University, Forestry and Natural Resources, and Wildfire Management & Training Specialists will jointly host this training. The course is designed to develop the knowledge and skills to perform as a Firefighter Type II on suppression and prescribed fire. An optional Work Capacity Test (WCT) will be administered to individuals desiring to become fire suppression qualified and/or available for National Mobility (Red Card Certification). The instructional sections and field exercises that are incorporated into the course are taught to National Wildfire Coordinating Group (NWCG) standards.

New CD Version Approved: NWCG has developed a CD/DVD version of the Basic Wildland Firefighter Course. Students will be able to take S-190 “Introduction to Fire Behavior”, S-130 “Wildland Firefighter Training”, and L-180 “Human Factors on the Fireline” utilizing the self-paced CD. Once students have completed each unit of the CD and the associated challenge reviews and complete two (2) short online Incident Command System (ICS) courses they will be able to attend an 8-hour classroom/field module at the Wright Forestry Center. In order to successfully complete this CD version of the course a student must successfully complete all the modules, print a copy of all module completion certificates, bring copies of all certificates to turn in at the classroom/field module on 11/23.

NOTE: The CD/DVD version is NOT Macintosh compatible.

Target Audience

- Department of Natural Resources Personnel – current Departmental policy requires that all personnel participating in prescribed fire and/or suppression fire successfully complete Basic Wildland Firefighter Training. Students desiring to become suppression qualified will be required to complete the Work Capacity Test.
- Purdue University Students – students that plan on seeking employment within federal or state natural resource agencies should consider this course. Getting Red Card Certification for wildland firefighting will improve chances for summer and full-time employment. This course is nationally certified and with the successful completion of the WCT will entitle you to be included in the IDNR, Division of Forestry database for potential call up during a fire emergency.
- Rural and Volunteer Firefighters – this course develops the knowledge and skills that will aid in the effectiveness and efficiency of fighting wildland fire in the various fuel types in Indiana.
- Private individuals working as consultants (foresters or wildlife biologists) or those desiring to become part of the Indiana DNR national mobility response team.

Dates: November 23rd, 2019 (7:30 a.m. – 4:00 p.m.)
Work Capacity Test (WCT) will be administered November 22nd, 2017 at (2:00 p.m.) at Prophetstown State Park

Location: Wright Forestry Center, Martell Forest, Purdue University

Course Cost: $90 early registration (Received on or before October 15, 2019)
$125 registration (Received after October 15, 2019)
Note: No refunds will be available after November 1, 2019.

Contact: Stephen Creech, Lead Instructor (812)-360-3731 (C) or email stephen.creech@comcast.net.