

About Field Days

This is the Second Annual Fall Field Days sponsored by the Division of Student Affairs and the First-Year Advisory Team in an effort to bring new students together with ESF faculty and staff. The events listed are all geared towards exposing new students to the wonderful research opportunities and areas of expertise among our faculty to build relationships between everyone.

We hope you enjoy this unique experience and fully embrace this chance to talk with faculty and staff who are doing great work at ESF.

If you attend these events, please sign in at each event so you can receive special credit in your Biology and Chemistry courses. PLEASE MAKE SURE YOU SIGN-IN AT ALL ACTIVITIES!

Questions? Check Out the Info Booth On the Quad

We will have an informational booth set up on the ESF Quad so you can get any questions answered throughout the afternoon. Cookies and drinks will also be provided.

**Division of Student Affairs
First-Year Advisory Team**

110 Bray Hall
1 Forestry Drive
Syracuse, NY 13210



**A special event for
New ESF Students**

Second Annual **Fall Field** Days Event

*Come learn about
areas of expertise by
ESF faculty!*



Friday, September 23rd
12:00 - 5:00 p.m.
Various Locations



Schedule of Events - Faculty involved - Locations - Times

Students - Choose your activities each time!

Plant Parenthood 101-Propagating Leafy Succulents from Cuttings

[Faculty - Terry Ettinger and Student –Sarah Cruz]

1 pm, 2pm, 3pm, 3:45pm, and 4:30pm

Tour departs from 530 Illick

20 minute tours, limited to no more than 16 students/tour

Succulents are plants that can store a significant amount of water within their leaves and stems. This stored water allows them to survive - and even thrive - during extended periods of extraordinarily dry weather. In this session, you'll learn more about these plants, how to propagate them from leaf cuttings - and even take a couple of them home with you!

Birds on Campus

[Faculty - Shannon Farrell and ESF's Guy A. Baldassarre Birding Club]

1 pm, 2pm, and 3pm

Tour departs from the front of Moon Library

45 minute tours

We will be taking a leisurely stroll through and around campus to explore what birds we can find on and near our own campus. Participants should bring binoculars if they have them (we will provide a few extra pairs).

Importance of Insects

[Faculty - Melissa Fierke and Graduate Student - Giuseppe Tumminello]

1 pm and 2pm

Tour departs from the front of Marshall Hall

60 minute tours, limited to no more than 20 students per tour

We will be taking a walk to look for insects if it's a nice day or look through preserved insects to talk about how important and wonderful they are!

Tree Identification on Campus and in Oakwood Cemetery

[Faculty - Don Leopold]

1 pm and 3pm

Tour departs from the ESF Quad

60-90 minute tours

We will cover the basics to identify common trees on campus and in the Oakwood Cemetery.

Exploring the Physics of Water Utilizing Research Flumes

[Faculty - Paul Szemkow]

1 pm, 2pm, 3pm, and 4pm

Tour departs from 106 Baker Lab (Hydrology Lab), limited to no more than 20 students at a time

We will conduct experiments and measurements to understand how water moves through the physical world.

Journey to the Center of the Moon: Discover Moon Library

[Faculty - Moon Library Librarians]

12pm, 1pm, 2pm, and 3pm

110 Moon Library

Students will each be given a series of clues that take them on a self-guided journey around the library in groups. The path will include the College Archives (you don't want to miss this one!), different library collections, locations for study, faculty offices and services, ESF Authors, Public Speaking Lab, and much more. Collect stamps from clue-givers to be entered into a drawing for fun prizes. Library staff will be available to talk about each location and services offered.

Patterns in Nature

[Faculty - Nasri Abdel-Aziz]

12pm

148 Baker Lab

You will be introduced to the relationship between Fibonacci Sequences and the Golden Ratio, then we will look for their patterns in nature.

Hands-on Paper Recycling

[Paper & Bioprocess Engineering Students]

12pm, 1pm, 2pm, and 3pm

In 102 Walters Hall

30 minute sessions

Paper was recycled into new sheets as far back as 1031 C.E. in Japan. Come try this ancient technique with your own hands using newspaper. In addition, come and measure how much force it takes to crush, punch a hole into, and pull apart various paper products.

Paper and Bioprocess Pilot Plant

[Faculty – Ray Appleby and Biljana Bujanovic]

12:30pm, 1:30pm, 2:30pm, and 3:30pm

Tour departs from 102 Walters Hall

30 minute tours

Take a guided tour of our pilot-scale facilities producing a variety of bioproducts. Learn how raw sustainable materials such as tree fibers are processed into paper on our 130' long papermachine and how grasses are processed into biochemicals including vinegar using our 500 gallon cooker and ethanol from our 100 gallon fermenter.

Join a Research Lab!

[Faculty - Ruth Yanai, with Camila Ferguson, Brittany Washburn, and other students]

1 pm—5pm

B-9 Marshall Hall

Our overall goal is to understand ecosystem response to nitrogen and phosphorus limitation, using a forest fertilization experiment. Join us today to sort tree leaves by species, or learn to pick roots from soil and size them. Join weekend field trips to New Hampshire to collect this year's litter samples. Undergrads can sign up for credit, FOR 298 Research Apprenticeships, for 40 hours/credit, or develop individual projects. under FOR 498 Independent Study, for Fall 2016 or future semesters.

Sustainable Energy Tour

[Faculty - Joshua Arnold]

1 pm, 2pm, 3pm, 4pm

Tour departs from the Gateway Center

Limited to no more than 16 students per tour

ESF is now one of the top ranked colleges for sustainability and we'll explore the campus facilities that got us there. We will tour the Gateway combined heat and power system which powers 30% of the campus using efficient and renewable energy. We will then explore the solar photovoltaic array atop Walters hall, the first PV system on the ESF campus and how it helps connect us to a sustainable future.