

# The Fierce Green Fire

A Newsletter of the Wofford College Environmental Studies Program

*Dr. Telligman's ENVS334 Sustainable Agriculture class has planted a garden behind the Greek Village as part of their plan to learn about agriculture and the science behind it.*



Volume 9, Issue 4

## *Gardening on Campus with Sustainable Agriculture*

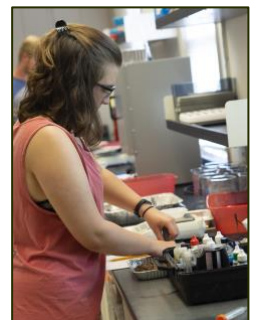


**Week One:** We broke ground, mapped the plot, gridded our planting areas and assessed the assets of the area as well as environmental factors impacting growth.

**Week Three:** We did a soil chemistry lab, testing for bulk density, macronutrients, PH, phosphorus, nitrogen, and potassium. We measured soil texture as well for percentage of clay, sand and silt.

**Week Two:** We completed plot division and collected soil samples to be sent to Clemson Extension. We acquired tools and survived a fire and attack and received mulch and compost deliveries.

**Week Four:** We made a trip to Piedmont Farm and Garden Supply, bought seeds of fall plants and seedlings – including broccoli, cabbage, radishes and arugula.



*ENVS334 students learn about agriculture in the field and in the lab.*

## Upcoming Events and Opportunities

**Ongoing**  
Available until position is filled

**Glendale Outdoor Leadership School is hiring:** If you have a passion for outdoor education, recreation and programming “let us know!” In this unique position you will work with a variety of age groups and skill levels on some high adventure activities as well as some classroom time. Must be self-motivated and be able to work independently sometimes, and with a group of staff at other times. Certain outdoor qualifications and certifications are a must. Please email [ksilverman@setgols.org](mailto:ksilverman@setgols.org) for more information or an application.

**October 6<sup>th</sup>**  
9:00am-11:00am  
The Rail Yard, 353  
Forest Avenue, 29302

**Mary Black Foundation Rail Trail Work Day:** Join PAL and Trees Coalition to give the Rail Trail a little love. Work will involve clearing invasive species and making sure the trail is free from overhanging or otherwise annoying branches. We’ll meet at the Rail Yard, located behind Matrix Engineering at 912 South Pine Street. Visit their [Facebook Event page](#).

**October 18<sup>th</sup>**  
7:00pm  
Richardson Family Art  
Gallery

**Gallery Talk – Savage Ballance:** Join Dr. Savage and Dr. Colleen Ballance to discuss their gallery exhibition. Savage’s *Art & Earth: Landscapes* and Balance’s *Only the M Places* feature arresting works in multiple aesthetic media that inform one another as they interest in unexpected ways.

**October 22<sup>nd</sup>**  
7:15pm  
Olin 101

**The Honeybee Crisis – an Opportunity for Change:** Alex Tuchman from [Spikenard Farm Honeybee Sanctuary](#) will give a talk.

**November 8<sup>th</sup>**  
7:00pm  
Olin 101

**Save the date ~ Romill Sustainability & Public Health Lecture:** This year’s lecture will feature Rebecca West, formerly of Spartanburg Water and Greenville Water, who will talk about her work with international water resources development.

---

## PROFILE OF THE WEEK:

### *Massachusetts Institute of Technology – Earth, Atmospheric, & Planetary Sciences*

MIT’s graduate program in the Earth, Atmospheric, and Planetary Sciences (EAPS) Department offers four areas of study: Atmospheres, Oceans, and Climate; Geology, Geochemistry, and Geobiology; Geophysics; and Planetary Science. MIT also has a Joint Program in Oceanography with Woods Hole Oceanographic Institution (WHOI), which is considered to be one of the top two marine science programs in the world.

The EAPS website states that “the master’s degree program is designed to be completed in two years and is suitable for motivated students with

undergraduate degrees in geoscience, physics, chemistry, mathematics, or engineering. And it prepares students for scientific and management careers in the environmental, natural resources, and technical consulting industries.”

The EAPS program is also ranked second in the nation for the number students who go on to obtain tenure-track faculty positions in the earth sciences.

[MIT – Earth, Atmospheric & Planetary Sciences Graduate Program](#)