

EVPP 494

Summer Internship

at VCE Arlington

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What is VCE?

* copied from vce website, revise *

Virginia Cooperative Extension was established in 1914 and is a partnership between Virginia's two land grant universities: Virginia Tech and Virginia State University.

Today, Extension operates out of 107 offices, 11 Agricultural Research and Extension centers, and six 4-H centers across the commonwealth. Our agents, specialists, and volunteers work to assist farmers, empower youth, guide responsible resource management, and advance the wellbeing of all Virginians.

We work in communities across the commonwealth to share knowledge, support businesses, and implement research that advances the wellbeing of all Virginians.

We advocate for the social, economic, and environmental needs of all Virginians. Through community organizations, businesses, and families, we work to improve everyone's wellbeing – starting in Virginia and extending across the world.

We work on the big issues, partnering with governments and organizations to solve systemic challenges in a way that benefits everyone. Virginians also count on us for their immediate land, health, and community needs to fix problems as they arise or seize opportunities that seem out of reach.



Virginia Tech • Virginia State University



ANR

Agriculture Natural
Resource



4-H

Youth
Development



FCS

Family Consumer
Sciences



**ENERGY
MASTERS**



Plant ID & diseases site visit 6/7



- Went to a master gardener's house and toured her garden to identify various native plants and plant diseases.
- Learned about horticulture hands-on





Career Day at K.W Barrett Elementary School

6/14

- Talked to students K–5 about gardening, invasive species, and VCE program
- Created the presentation board



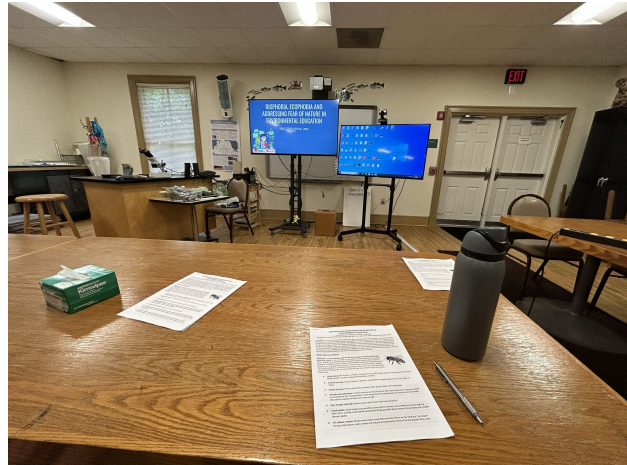
Garden to Go & Cooking Demo at “The Shelton” Apartments 6/8, 6/15

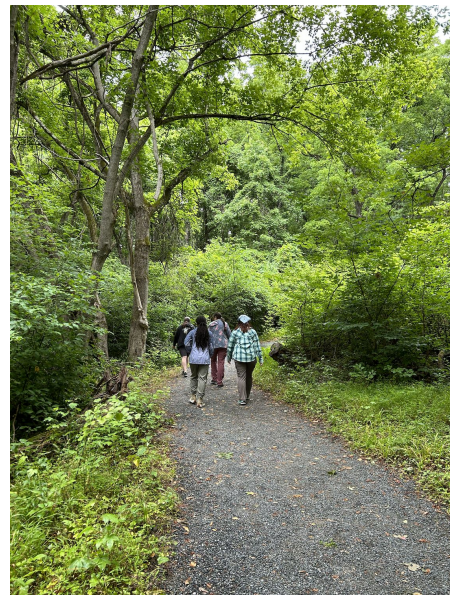
- Cooking and nutrition class for low income families
- Garden demo and planting activity with virginia master gardeners
- The Shelton is an Arlington Housing Corporation (AHC) apartment
- AHC is among the largest developers of affordable and mixed-income housing in the Washington–Baltimore metro region



Educators Program at Smithsonian Environmental Research Center

- Visited SERC at Edgewater, MD
- Attended a seminar about outdoor education development
- Toured the Smithsonian Environmental Research Center (SERC) facility
- Career readiness: Networked with SERC summer interns and coordinators for future internships
- Observed a research on The Chesapeake Bay Mud Crab Parasite

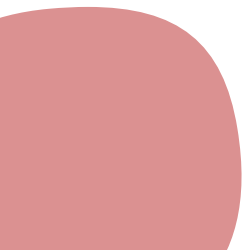


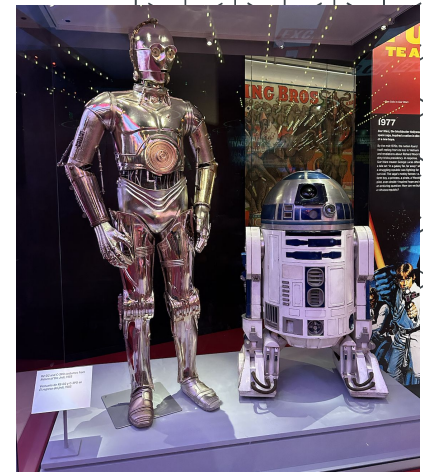




Civic Engagement with 4H

- Took an IFYE cultural study program International student from sweden to Washington DC
- Planned and organized visits to various the natural history museum and american history museum in Washington DC
- Facilitated cultural immersion by providing historical information about each museum visited

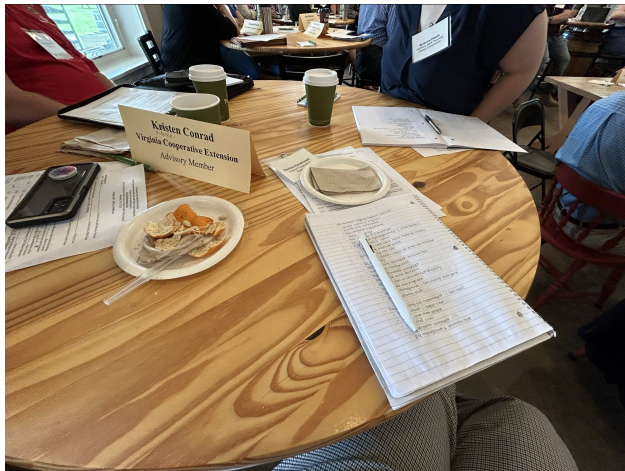






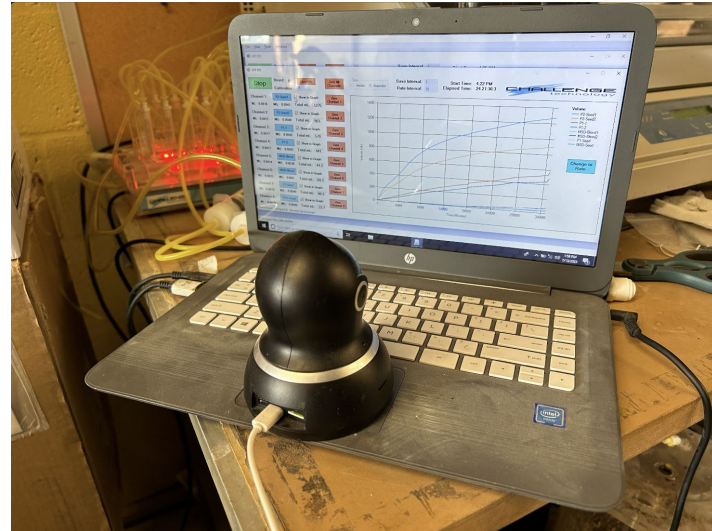
Potomac Watershed Roundtable

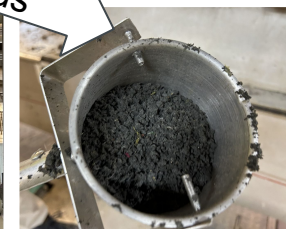
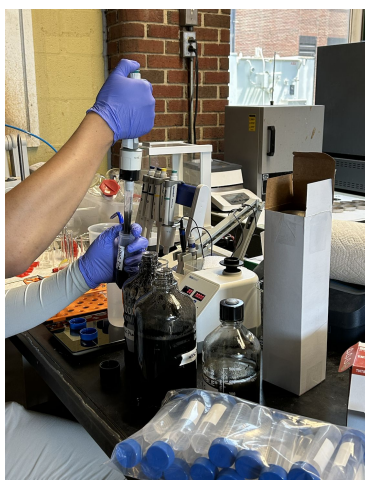
- Attended the potomac watershed roundtable meeting at Powers farm
- Potomac watershed roundtable is a regional government–citizen forum whose purpose is to promote collaboration and cooperation on environmental concerns, especially water quality issues, among the various local governments and stakeholder interest groups residing within the Virginia side of the middle and lower Potomac River watershed.
- Speakers from various programs
- Met with people from many water and soil conservation programs: Prince William Water and Soil Conservation District, National Park Service, Virginia Department of Environmental Quality
- Toured the Powers farm and learned about their sustainable farming practices



Arlington Water Pollution Control Plant Visit

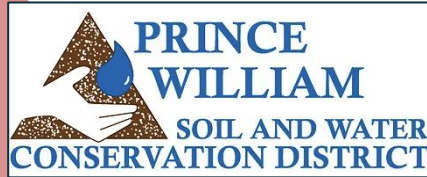
- Shadowed a PhD student from Virginia Tech doing research about wastewater treatment
- I was able to see hands on things I learned about in class such as nitrogen cycle and other microbiology concepts

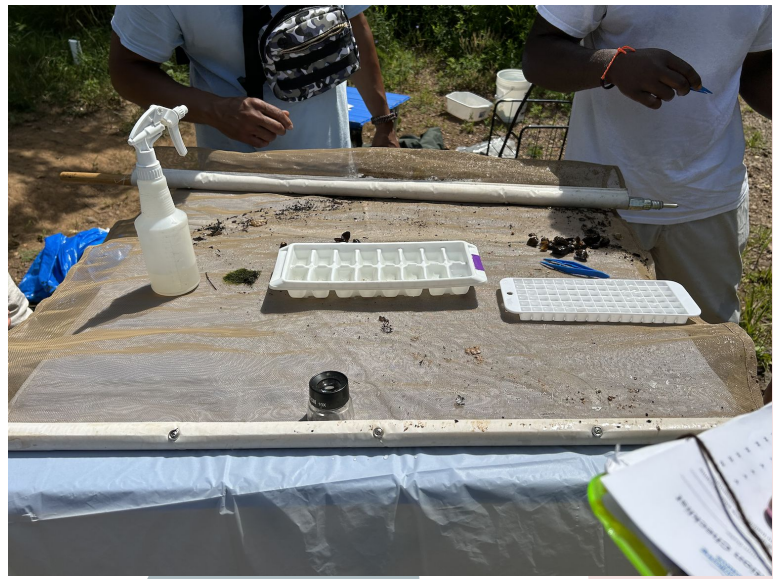




Water Quality Monitoring Event

- Attended a water quality monitoring event with prince william soil and water conservation district (PWSWCD) and department of environmental quality (DEQ)
- Did a stream water quality monitoring by counting macroinvertebrates to determine stream health and assess the ecological quality





Gleaning with Friends of Urban Agriculture (FOUA)

- Participated in a summer squash gleaning event with Friends of Urban Agriculture Arlington (FOUA)
- Harvested surplus summer squash at the agriculture research center
- Contributed to reducing food waste and promoting community sustainability efforts
- Learned meaningful knowledge about urban farming, food security, and sustainable practices
- Helped deliver produce to local food banks such as, Our Queen Lady of Peace Catholic Church and Lomax AME Zion Church in Arlington Virginia





MGNV Organic Vegetable Garden @Potomac Overlook Park

- Toured the master gardeners of northern virginia's organic vegetable demo garden at the potomac overlook park in Arlington





American University Green Industry Professional Seminar

- Attended the american university green job trade show
- Created a display board for a Virginia Cooperative extension display tent
- Collaborated with interns from the fairfax office virginia cooperative extension office to create the display board
- Assisted with speakers for the trade show seminars
- Attended seminars regarding environmental green jobs
- Networked with green job professionals





4-H Fair Judging at Frying Pan Farm Park, Fairfax



- Judged in the 4-H fair competitive exhibit, visual arts category
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