



IGNITE CHANGE. GO GREEN.

Alumni Spotlight:

**Michael Fortier '12, M.S. Sustainable Engineering
Environmental Program Manager at Apple**

In this interview series we bring you inside the world of Villanova alumni and explore how their work relates to creating a sustainable future. In this issue we hear from Michael Fortier, the Environmental Program Manager at Apple.

What did you study while attending Villanova?

I graduated in 2012 with an MS in Sustainable Engineering from Villanova. I completed an undergraduate degree in Mechanical Engineering from the University of Rochester.

In your own words, how would you define sustainability?

To me, sustainability is ensuring we leave the world better than how we found it from a social, economic, and environmental perspective.

Why is sustainability important to you?

I believe that sustainability is the key to our future as a society. If we continue to pollute the planet and deplete the earth's finite resources, then we will not be able to sustain our way of life.

How have you supported or been involved in sustainability efforts throughout your career or personal life?

I started my career as a sustainability consultant at the engineering firm ARUP, where my work focused on green buildings and corporate sustainability. I recently started a new job at Apple, where I manage sustainability initiatives for some of their consumer electronics products.



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Alumni Spotlight:

Michael Fortier '12, M.S. Sustainable Engineering Environmental Program Manager at Apple

What are your favorite weekend/evening leisure activities or hobbies?

I'm most happy when I'm outside enjoying nature, especially when I go hiking in an area I've never been before. Having just moved from New York City to San Francisco, I've been able to spend my weekends exploring awesome hikes in the Bay Area. Living in a city that is so close to such great hiking has been my favorite thing about San Francisco. I'm hoping to make a trip to Yosemite and Sequoia National Parks this summer.

What is your favorite memory as a Villanova student?

My friends and I made it a point to go to Gullifty's on Wednesday nights for karaoke.

What do you feel has been the most exciting development in the sustainability field over the last year?

I think recent developments in energy storage technology could be a game changer and help pave the way for a 100% renewable energy system. The cost of renewable energy continues to decrease, and is even cheaper than fossil fuels in some places in the world. One of the biggest remaining challenges is to reduce the cost of energy storage and invest in distributed generation, so that the intermittency of renewable energy is no longer a market barrier.

If you would like to connect with Michael, you may do so via email at mfortier3@gmail.com



SUSTAINABILITY RESEARCH GARDEN CROWDFUNDING CAMPAIGN

Through the hard work and dedication of Villanova students, faculty, and staff, the Sustainability Research Garden is getting ready for its first growing season. We are partnering with the Villanova Undergraduate Research Fellowship (VURF) to provide support for students excited to conduct research in the garden.

To do this we need to raise \$4,000 per student, which will cover their research supplies, housing, and modest stipend. Our hope is that this funding will **instill a love of knowledge, research, and sustainability in our students.**



Join the Villanova Sustainability Team!

Applications are open for the
Sustainability Office Intern

Apply Online



Villanova University

Earth Week 2018

Week of April 17-21



Tuesday
April 17

Campus Tree Tour
10 am meet at Corr Hall Arch

Wednesday
April 18

Campus Tree Tour
11:30 am meet at Corr Hall Arch
Earth Day Keynote, Joseph Majkut
"Climate Change: Will We Ever Agree?"
6 pm in Connelly Cinema

Thursday
April 19

Sustainability Fair and Farmers Market
11 am-2 pm at Connelly Plaza/ Oreo

Friday
April 20

Kilometers for Climate 5K
3 pm meet at the Corr Hall Steps, register on Nova Tix
"Wall-E" and Chill
7:30 pm in Driscoll 240 (Free movie snacks!)

Saturday
April 21

Earth Day of Service
8:30 am to early afternoon
Choose from four service sites, register on Nova Tix

For more information visit Villanova.edu/Sustainability

Sponsors: The Office of the President, Mission and Ministry, Associate Vice Provost for Research, The President's Environmental Sustainability Committee, Villanova Environmental Group, Office of Student Life, Dining Services, Environmental Health and Safety, Grounds Staff and the Recycling Coordinator, The Ethics Program, The College of Liberal Arts & Sciences, The College of Engineering, Villanova Center for Resilient Water Systems, The Center for Global Leadership, Department of Geography and the Environment, Department of Civil and Environmental Engineering, Department of Political Science, Department of History

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EVENTS

Tuesday, April 3

Steve Early's Book Talk: Refinery Town

A town's citizens plagued by poverty, pollution, and poorly funded public services, harness the power of local politics to revive and renew their community.

5:30-6:30pm | Bartley 2072

Saturday, April 7

Sustainable Foods Conference

The conference is geared towards college students and groups that are working on or interested in campus food sustainability. Panelists will address food sustainability before, during, and after consumption.

[Register Online](#)

10:00am-3:00pm | University of Delaware

Wednesday, April 11

Urban Regeneration Forum:

Resilience through a Regenerative Lens

How can systems thrive and strengthen as they adapt to disruption? Helping us to explore this will be our friend and colleague, keynote Jim Newman, a nationally-renowned thought leader in understanding Resilience through the lens of Regeneration.

[Register Online](#)

6:00-9:00pm | Walk Auditorium, Ritter Hall, 1325 Cecil B. Moore Ave, Philadelphia

Friday, April 13

"Don't Let it Melt" Ice Cream Social

Hosted by CRS.

12:30pm | Oreo



Tuesday, April 17

Judy Wicks: From Me to We Screening and Q&A

Judy's work on farm to table and environmentally friendly partnerships has led to multiple local and national awards. Enjoy the screening of "Judy Wicks: The Me to We Story".

[Register Online](#)

6:00- 8:30pm | WHYY, 150 North 6th Street, Philadelphia

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EVENTS

Wednesday, April 18

The Islands and the Whales

In the mist-shrouded Faroe Archipelago, islanders rely on pilot whales, slain during gruesome hunts, as a sustainable food source. Facing animal rights groups and rising mercury levels in the whales, the community finds itself at the crux of tradition and modernity. Post film discussion with Villanova Professor, Lisa Rodrigues.

[Purchase Tickets Online](#)

7:00pm | Bryn Mawr Theater

Saturday, April 28

One Day Hiking Retreat

A day of hiking, learning, and reflection on creation and our local ecosystem will take place at Valley Forge National Park. This day will combine spiritual practices of reflection with current environmental research of Villanova faculty.

[Register Online](#)

9:30am- 5:00pm | Leave from Villanova to Valley Forge

Friday, April 13

Regional Community and Economic Development Forum: Challenges and Opportunities in the Local Food Economy

Explore how to promote local food by discussing the challenges and opportunities in our local food economy.

9:30am- 12:00pm | Oreo

June 10-12

Citizens' Climate International Conference & Lobby Day

Citizens' Climate Lobby is doing something special. In the face of political divisiveness, we're bringing Republicans and Democrats together. Hear from inspiring speakers and meet fellow volunteers from across the country who are dedicated to climate change solutions.

[Register Online](#)

Two scholarship opportunities: Diversity or Conservation Scholarship
Omni Shoreham, Washington DC



handshake

Monthly Sustainability Jobs Highlights

The Nature Conservancy

Project Coordinator for Targeted Mosquito Management and Marsh Condition Project

The Nature Conservancy (TNC) is hiring a graduate student intern as the "Project Coordinator" for a pilot project through which real-time and spatially explicit data on mosquito larval production in the Accabonac Harbor saltmarsh complex in East Hampton can inform Suffolk County's weekly pesticide applications and identify locations for minimally invasive marsh restoration.

Paid, Seasonal, Part-Time Internship

Golden Gate National Parks Conservancy

Trail Stewardship Internship

Trail Stewardship Interns will lead community volunteers on projects and provide education on importance of trails and park resources, together helping to obtain the trail goals of the park.

Paid, Seasonal, Full-Time Internship

Loveland Living Planet Aquarium

Zoological Intern: Life Support Systems Team

The LSS Intern is responsible for observing and assisting the LSS team with routine maintenance on Life Support Systems, as well as preventative maintenance on LSS components.

Unpaid, Seasonal, Part-Time Internship

Conservation Corps Minnesota & Iowa

Summer Youth Corps Leaders

AmeriCorps Summer Youth Corps Leaders (ages 19-25) will work in teams of two to supervise six youth on 1- to 2-week long "spike" projects (crews camp in tents, prepare their own meals, and complete work projects).

Paid, Seasonal, Full-Time Job



handshake

Monthly Sustainability Jobs Highlights

Temple University

Sustainability Coordinator

The Sustainability Coordinator is responsible for developing sustainability programming throughout the university, coordinating outreach and capacity building activities with students, faculty, and staff, providing support for new sustainability initiatives on campus, and assisting in the completion of institution-wide sustainability reporting.

Paid, Full-Time Job

Arcadis

Entry Level Civil/Environmental Engineers

Primary focus for this position will be planning, design, and construction administration for many projects, including: water, wastewater, stormwater, and water management.

Paid, Full-Time Job

Environmental Resources Management (ERM)

Staff Environmental Permitting and Compliance Specialist

The Staff Environmental Permitting and Compliance Specialist will assist with environmental impact assessment and regulatory compliance for energy facilities and energy-related development projects in the Mid-Atlantic and Southeastern US.

Paid, Full-Time Job

Mills College

Sustainability Coordinator

This position manages the College's sustainability programs, with the Sustainability Center as the home base, including managing a variety of data collection and evaluation programs to measure the College's progress.

Paid, Full-Time Job



JOIN THE SUMMER CSA



WHAT IS A CSA?

Community Supported Agriculture, or "CSA," is a mutually-beneficial arrangement between community members and local farms in which the farmers provide produce and other farm products during the growing

season in exchange for payment before the season begins. Each week, the farmer harvests the mature crops and divides the offerings into "shares," which typically is one share for each member of the CSA program.

Villanova Dining Services has teamed up with Lancaster Farm Fresh Cooperative to bring the CSA to the Villanova community. Villanova's CSA is coordinated through the 2nd Storey Market in St. Mary's Hall. All Villanova students, faculty, and staff will have the opportunity to purchase and support a sustainable food system.

SHARES AVAILABLE FOR PURCHASE

Summer Produce Share



Bread Share



Cheese Share



Egg Share



Beverage Share



Yogurt Share



Herb Share



Fruit Share



Flower Share



10 WEEKLY DELIVERIES FROM **JUNE 4** THROUGH **AUGUST 6**

HOW CAN I SIGN UP?

Villanova University offers a shortened CSA season. Visit the Lancaster Farm Fresh website to pick your shares, and be sure to enter these discount codes below to reduce the price for 10 week deliveries.

VillanovaS18 - Applies to Vegetable, Eggs, Herbs, Cheese, Bread, Gluten Free Bread, Beverages, and Yogurt Shares

VillanovaFruitS18 - Applies to Fruit Shares **VillanovaFlowerS18** - Applies to Flower Shares

VillanovaHerbS18 - Applies to Herb Shares **VillanovaCSM18** - Applies to Medicine Shares

<http://www.lancasterfarmfresh.com/product-category/shares/2018-summer-csa-shares/>

REGISTRATION DEADLINE: Friday, April 20, 2018