

# IGNITE CHANGE. GO GREEN.

## **Alumni Spotlight:**

### **Chris Gallo '06 Chemistry with a concentration in Biochemistry Environmental Scientist for the EPA**

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 Chris Gallo, an Environmental Scientist for the EPA.

#### **What did you study while attending Villanova?**

While at Villanova I majored in Chemistry with a concentration in Biochemistry.

#### **In your own words, how would you define sustainability?**

Sustainability is the way in which we as humans can both use the Earth's resources and protect these resources at the same time.

#### **Why is sustainability important to you?**

Sustainability is important to me because it ensures that the Earth will continue to provide for us for generations to come.

#### **How have you supported or been involved in sustainability efforts through your career or personal life?**

Because I work for the Environmental Protection Agency, I try to work and live a sustainable lifestyle. Choosing ways to help clean up Superfund sites using green technologies and spending my time talking about sustainability are a part of my job every day. I own and drive a fully electronic Smart Car to and from work to reduce on my greenhouse gas emissions. I strive to eat at places that use locally and sustainable grown produce. All of these choices help support sustainability.

#### **What are your favorite weekend/evening leisure or hobby?**

I enjoy hanging out with friends and family, seeing movies, relaxing on my porch at night, playing hockey and enjoying time with my son.



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## What is your favorite memory as a Villanova student?

I have so many fond memories of Villanova. The last few weeks of senior year were some of the most memorable, including Senior Week. I spent my last weeks of senior year hanging out with my friends, walking around campus and thinking about how this place has shaped me as a person. It was both fun and sad at the same time. I am very glad that I still keep in touch with many of the friends I gained while at Nova.

If you would like to connect with Chris you may do so via email [gallo.christopher@epa.gov](mailto:gallo.christopher@epa.gov)



solve with us

# SPARK

Nov  
9-10

innovation.us

## 24 HOUR

Think-Tank  
Competition

APPLICATIONS  
DUE OCT 29

# \$3,000

prize  
money

real world  
problem solving

Open to  
**ALL**  
Students

# NETWORK

with  
industry  
leaders

[WWW.VILLANOVA.EDU/SUSTAINABILITY](http://WWW.VILLANOVA.EDU/SUSTAINABILITY)



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DREXEL UNIVERSITY  
A.J. Drexel  
Institute for Energy  
and the Environment

5<sup>th</sup> Annual

# Sustainable Career Panel

Wednesday  
October 4

5:30  
P M

Idea Accelerator  
(Falvey Ground Floor)

*Sponsored by: Career Center, College of Engineering, Geography and the Environment, Office of Sustainability, Villanova School of Business*

**Yolanda Pagano '89 Law**

*Sustainable Strategies and Solutions Director  
O'Brien & Gere*

**Domenic Rocco '02 COE**

*Waterways and Wetlands Program Manager  
Pennsylvania Department of Environmental Protection*

**Deborah Watkins '89 COE**

*Director of Water Quality and Environmental Compliance  
Aqua America*

**Michael Perillo '96 VSB**

*President and CEO  
Dynamic Energy*

**Noah Swistak '08 CLAS**

*Member Services Coordinator  
AASHE*

*ACS and PE Approved*

# CAMPUS TREE AND SHRUB TOUR

Wednesday, Oct 4 at 11:30AM  
Thursday, Oct 5 Corr Hall Arch

This Event is ACS Approved



## FALL 2017 COLLOQUIA

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14 September

### *Environmental Crime*

Seth Weber

Former Assistant United States Attorney, Philadelphia Office

28 September

### *Carbon Pricing Policy*

Michael Marks

Citizens' Climate Lobby, Harrisburg Office

5 October

### *Environmental Careers*

Paul Fennelly

Consultant, and Formerly Senior Vice President, Global Director, Sales and Marketing; AECOM Global Environment

16 November

### *Tidewater*

Film and Sea Level Rise Panel

Roger Sorkin

Executive Producer and Director, American Resilience Project

The Environmental Colloquium is scheduled for Thursdays, 5:20 to 7:20 p.m.

Room 154, Mendel Science Center (unless otherwise noted)

# Clothing Swap

*Swap out your pre-loved clothing for someone else's.*

Thursday, Oct 19  
11am-2pm  
Oreo

Sunday, Oct 22  
11am-2pm  
Donahue Court &  
West Campus BBQ Pit

## eca's fall energy conference

Back to Housing Basics:  
Affordable, Efficient, & Healthy

11/9/2017 | 8:45-4:00

Temple University Student Faculty Center  
3340 North Broad, Philadelphia, PA 19140





# FOOD AND CLIMATE CHANGE

OCTOBER 14, 2017  
9:30AM - 4:00PM

**chatham** | EDENHALL  
UNIVERSITY | campus

Register at  
[tinyurl.com/EHfoodandclimatechange](http://tinyurl.com/EHfoodandclimatechange)

# Preparing Transit Systems for Extreme Weather

*The fourth in an ongoing  
"Climate Adaptation Forum"  
series held three or four times per year.*

**Delaware Valley Regional Planning Commission  
190 N. Independence Mall West  
Philadelphia, PA 19106**

[\[directions\]](#)

**Monday, October 23, 2017  
9:30 a.m. – 12 noon**

Networking and Coffee from 9:00  
Networking Lunch from Noon to 1:00

Extreme weather events and other natural disasters threaten the operations and the capital assets of transit systems across the country. Billions of dollars of transit assets—vehicles, track, equipment—have been destroyed by extreme weather events, halting service, sometimes for long periods of time. In a changing climate, the frequency and severity of these disruptions are expected to increase. Transit agencies can greatly reduce this cost and disruption by incorporating resilience into their systems.

**Jon A. Carnegie, AICP/PP**, Executive Director of the Alan M. Voorhees Transportation Center at Rutgers, will open the forum with a presentation of a completed research carried out for the Transit Cooperative Research Program (TCRP) of the National Academies of Sciences, Engineering, and Medicine. This research included an extensive literature review and practice scan, as well as 17 detailed case studies showcasing leading practices in resilience activities across a wide spectrum of transit agencies.

Following Mr. Carnegie's presentation, panelists from the major transit agencies that serve our region will each talk briefly about their agencies extreme weather resiliency and climate change adaptation activities. Mr. Carnegie will facilitate a discussion among panelists, as well as field comments and questions from forum participants

This will be an interactive workshop, with plenty of time for discussion and questions.

The panelists are:

**Rohan Hepkins**, Assistant General Manager, Delaware River Port Authority / Port Authority Transit Corporation (PATCO)

**Brad Mason**, Director, Capital Resilience & Continuity, New Jersey Transit Corporation (NJ Transit)

**Dennis Stefanski**, PE, Program Manager – Special Projects, Southeastern Pennsylvania Transportation Authority (SEPTA)

**Beth Termini**, Senior Director, Environment & Sustainability, Amtrak

Please register at: <https://dvrpc.ticketleap.com/transit>. There is no cost for this workshop.

For questions, contact Rob Graff at 215-238-2826 / [rgraff@dvrpc.org](mailto:rgraff@dvrpc.org)

*Approval for 2.5 APA AICP CM credits and 2.5 AIA (HSW) CES LUs is pending  
Attendance certificates for PE CE credit will be provided upon request.*



Join us for a Special Event Featuring:  
*DC Central Kitchen's Alexander Justice Moore*

October 26, 2017, 7pm

Emily Asplundh Concert Hall, West Chester University



ALEXANDER JUSTICE MOORE

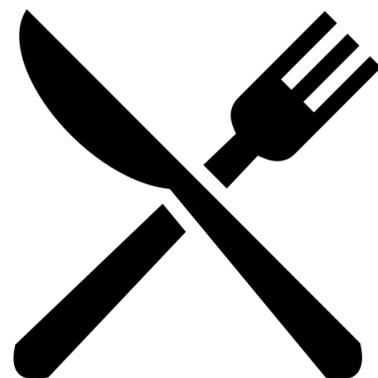
## The Food Fighters

DC CENTRAL KITCHEN'S  
FIRST TWENTY-FIVE YEARS  
ON THE FRONT LINES  
OF HUNGER AND POVERTY

**“DC Central Kitchen’s mission is to use food as a tool to strengthen bodies, empower minds, and build communities.”**

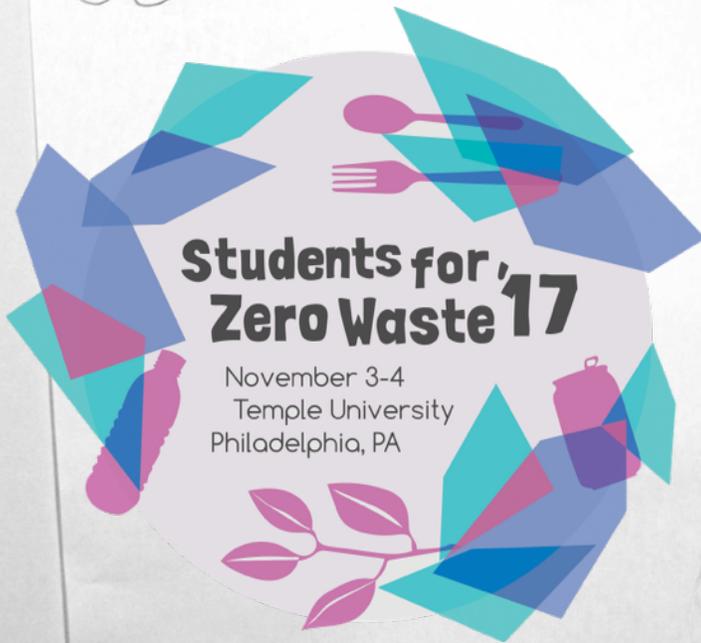
*This is a free, but ticketed event  
To reserve your tickets visit:*

[https://wcupatix.secure.force.com/ticket/#details\\_a0S36000003v7ecEAA](https://wcupatix.secure.force.com/ticket/#details_a0S36000003v7ecEAA)



*Event sponsors include: The Departments of Political Science, Criminal Justice, Nutrition, Geography & Planning, and Educational Foundations & Policy Studies, as well as the Office of Sustainability, the Office of Service Learning and Volunteer Programs, and the WCU Resource Pantry.*

USING the TERM ZERO WASTE



# Join Us.

This November, 500 students, environmental justice activists, business innovators, and other leaders in sustainability will come together to discuss issues, share skills, and collaborate on solutions to waste both on campus and beyond. Be a part of it.

November 3-4 | Philadelphia, PA

**register: [postlandfill.org/szw17](http://postlandfill.org/szw17)**

Powered by the **Post-Landfill Action Network**, with support from:



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## OPPORTUNITIES

### **New M.Ed in Environmental Education Launched at Bard College** Beginning Fall 2018

*The M.Ed. program prepares educators to create an informed and engaged citizenry that will support progress towards a just, prosperous, and sustainable future.*

*Through intensive academic training, real world professional experience, and career development opportunities the program enables graduates to pursue successful, high-impact careers in NGO's, government land management agencies, private land conservation organizations, museums, environmental education centers, private schools, and consulting firms.*

Full Description Below

### **Masters in Environmental Management** Wester Colorado University

*The Master in Environmental Management program at Western Colorado University has a free application deadline of November 1. We have MEM programs in Sustainable & Resilient Communities, Integrative & Public Land Management, and Global Sustainability. Students can complete the program from our mountain campus in the Rockies or from any social and/or environmental commitment in the world. The second year is a 600-hour Masters Project for an organization or agency, and projects have been completed as far as Kenya and the Himalayas. Our first cohorts of graduates have enjoyed a 90% environmental career placement rate.*



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## **New M.Ed in Environmental Education Launched at Bard College**

Passionate about Environmental Education?

Bard College is launching a new [M.Ed in Environmental Education](#) degree program at Bard College in New York's Hudson Valley, beginning Fall 2018.

### **Distinctive program features include:**

- Integrated, interdisciplinary curriculum.
- Unmatched interaction with exceptional faculty.
- High-level, extended professional internship.
- Strong career development, mentoring and placement.
- Scholarship support available.

The M.Ed. program prepares educators to create an informed and engaged citizenry that will support progress towards a just, prosperous, and sustainable future. Through intensive academic training, real world professional experience, and career development opportunities the program enables graduates to pursue successful, high-impact careers in NGO's, government land management agencies, private land conservation organizations, museums, environmental education centers, private schools, and consulting firms.

Students in the M.Ed program take a carefully curated program combining a core of environmental education classes with courses from the [MS programs at the Bard Center for Environmental Policy](#), the [Bard Master of Arts in Teaching \(MAT\) program](#), and elective options from other graduate programs, including [Bard's MBA in Sustainability](#). The nine-month, first year core curriculum is taught at the main Bard campus, and integrates the study of environmental education and communication, including a January-Term intensive course focused on place-based education, with environmental science and policy, curricular development and pedagogy.

After completing the first-year courses in late May, students are no longer expected to be in residence at Bard. During the second year, [each student pursues an extended, high-level professional internship](#). Placements include schools, museums, research institutes, and NGOs in the Hudson Valley, the New York metropolitan region, across the US, and globally, utilizing the well-developed professional networks of Bard CEP and the Bard MAT Program. In the final semester, students complete a Master's degree capstone project under the direction of a Bard faculty member, while attending capstone seminar classes on-line. Students gather at Bard for two, one-week residencies during this final term.

Bard College is located ninety miles north of New York City. Financial aid for the new program is available. Applications will be accepted starting in October of 2017. For more information, please contact Bard CEP Admissions Counselor Caitlin O'Donnell, [codonnel@bard.edu](mailto:codonnel@bard.edu).



# WHERE WILL YOUR PASSIONS LEAD YOU?

THE WORLD IS OUR CLASSROOM

## CUSCO, PERU

WATER RESOURCE MANAGEMENT & SUSTAINABLE PRACTICES



*Combined with Peru's historical technologies for water initiatives & management our exclusive facility access allow participants to dive into Peru like never before.*



**WINTER**  
JANUARY 3-12

**SPRING**  
MARCH 11-19

**SUMMER**  
MAY 13-22  
AUGUST 8-17

## O'AHU, HAWAI'I

SUSTAINABLE COMMUNITY SYSTEMS:  
WATER, FOOD, & ENERGY



*Discover a popular travel destination through a new lens and learn more about an island that was once food secure and now working towards that ideal state once again.*



**SPRING**  
MARCH 3-11

**SUMMER**  
MAY 20-29  
AUGUST 5-14

## REYKJAVIK, ICELAND

RENEWABLE ENERGY & SUSTAINABILITY



*Iceland is the premiere location for a truly hands-on educational experience & professional launchpad into these sustainability industries.*



**WINTER**  
DECEMBER 13-20  
JANUARY 3-10

**SPRING**  
MARCH 4-11  
MARCH 11-18

**SUMMER**  
MAY 14-23  
MAY 21-30  
JUNE 4-13  
AUGUST 6-15

## FUKUSHIMA, JAPAN

DISASTER MITIGATION & NUCLEAR TO RENEWABLE TRANSITIONS



*Join The GREEN Program as we explore the origins of this historic nuclear disaster & discover Fukushima's newest frontiers as they take on a renewable energy future.*



**SPRING**  
MARCH 10-18

**SUMMER**  
SUMMER WAITLIST OPEN