

## Other Events — continued

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### WELL Workshop

Friday, October 5, 2018 | 7:30 AM – 12:00 PM  
m + a architects 775 Yard Street, Columbus, OH 43212  
Tickets \$29

<https://www.eventbrite.com/e/well-workshop-central-ohio-tickets-49097794826?aff=ebdssbdestsearch>

*This workshop, hosted by USGBC Ohio - Central Region, will explore the 7 concepts of WELL within the WELL Building Standard and how these concepts impact the built environment. Individuals interested in architecture, design, engineering, and sustainability, will learn about how best to improve the well-being and health of the indoor environment and receive WELL AP Exam Preparation.*

### Flannel, Friends, & Fall Beer

Wednesday, October 10, 2018 | 6:00 PM – 8:00 PM  
Haven Collective 2025 Riverside Drive, Columbus, OH 43221  
Tickets \$30

<https://www.eventbrite.com/e/flannel-friends-fall-beer-seasonal-beer-tasting-tickets-49352986110?aff=ebdssbdestsearch>

*All proceeds go to Green Columbus, a nonprofit dedicated to promoting sustainable living in Central Ohio, which raises awareness, holds forums, and encourages action through programs such as Green Drinks and Earth Day Columbus. There will be a guided beer tasting, fruit and cheese, and an opportunity to learn more about Green Columbus. There is only space for 24 participants.*

### BioArt WorkShop: Intro to Bacteria as Art

Saturday, October 13, 2018 | 2:00 PM – 4:00 PM  
Cultural Arts Center 139 West Main Street, Columbus, OH 43215  
Tickets \$35

<https://www.eventbrite.com/e/bioart-workshop-intro-to-bacteria-as-art-tickets-49849982640?aff=ebdssbdestsearch>

*Micrococcus luteus (yellow), Rhodococcus rhodochrous (pink), Sarcina aurantiaca (orange-yellow), and Rhodospirillum rubrum (purple) provide participants the opportunity to ‘paint’ and create a piece of ‘living art’. This course teaches the bacterial growth cycle, sterile culture technique, and protein synthesis, while participants experience a new artistic medium.*

### Habitat for Humanity ReStore NORTH (First Time Volunteering Event!)

Saturday, October 13, 2018 | 10:00 AM – 12:30 AM  
Habitat Restore – NORTH 3140 Westerville Road, Columbus, OH 43224  
Tickets Free

<https://www.eventbrite.com/e/first-time-volunteering-event-habitat-for-humanity-restore-north-101318-tickets-49706370091?aff=ebdssbdestsearch>

## Other Events — continued

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*This event is geared specifically towards individuals who have not volunteered with us in the past. Please volunteer only if you have not been to one of our volunteer events previously. Event leaders will be prepared to answer any questions about getting involved in the organization going forward, and afterward all volunteers will be invited to Pies and Pints Pizza in Easton to enjoy FREE PIZZA! Volunteers will help sort, organize, and display building materials, furniture, and household fixtures donated to Habitat for Humanity ReStore in Westerville. These items are then sold to the public, with proceeds from the sales offsetting administrative expenses for Habitat for Humanity.*

### **Science Sundays: Lessons from Nature – Bio-inspired Surfaces for Green Science and Technology**

Sunday, October 14, 2018 | 3:00 PM – 5:00 PM

Ohio Union U.S. Bank Conference Theatre

Tickets Free

<https://artsandsciences.osu.edu/news-events/events/science-sundays-bio-inspired-surfaces>

*Dr. Bharat Bhushan, Ohio Eminent Scholar and Ohio State University College of Engineering professor, will be discussing the emerging field of biomimetics. Natural and biological structures and processes are being mimicked by scientists to create nanomaterials, nanodevices and systems that are eco-friendly, have minimum human impact on the environment, and could have various commercial applications.*

### **Association of Environmental Engineering and Science Professors (AEESP) Lecture Series**

Monday, October 15, 2018 | 10:30 AM

Ohio Union, Cartoon Room (third floor)

Free

See Next Page for details 

*Dr. Lutgarde Raskin, from the University of Michigan, will be presenting her talk on ‘Converting urban organic waste streams into sustainable resources with novel anaerobic bio-processes.’*

### **Environmental Film Series: Rancher, Farmer, Fisherman**

Monday, October 15, 2018 | 7:00 PM – 9:15 PM

CBEC Room 130

Tickets Free

<https://senr.osu.edu/about-us/events/4th-environmental-film-series>

*Rancher, Farmer, Fisherman, 2017, 88 minutes, is narrated by Tom Brokaw. Based on the 2016 book ‘Rancher, Farmer, Fisherman – Conservation Heroes of the American Heartland’, by Miriam Horn, Environmental Defense Fund author. The film weaves together the stories of four unlikely conservation heroes working in America’s heartland.*

## Converting urban organic waste streams into sustainable resources with novel anaerobic bioprocesses:

Lutgarde Raskin, PhD

Anaerobic digestion based technologies have great potential for converting the enormous amounts of organic waste generated in urban environments into valuable resources. Yet few urban organic waste streams are currently treated by anaerobic bioprocesses, suggesting that new approaches are needed. This presentation will show the development of novel anaerobic bioprocesses for resource recovery from urban organic waste streams by applying knowledge of microbiomes from habitats as diverse as arctic sediments and the gastrointestinal tract of ruminant animals and sustainable technology design practices.

Examples will include:

- Biofilm-enhanced anaerobic membrane bioreactor designs to treat low-strength urban wastewater at low temperatures to achieve high quality water, reduced greenhouse gas emissions, and net positive energy production
- Dynamic anaerobic membrane bioreactor designs inspired by the physiology and microbiome of the rumen (stomach of ruminant animals) to overcome slow hydrolysis of urban organic waste streams with high lignocellulosic content to produce short-chain carboxylic acids that can be used for the production of biomethane and other bioproducts.

While the role of microbiomes in developing these anaerobic bioprocesses will receive most attention, the presentation will also show how the advancement of these technologies is driven by life cycle cost and environmental assessments to enable financially viable, environmentally sustainable waste management.

### Lutgarde (Lut) Raskin, PhD

Altarum / ERIM Russell O'Neal Professor of Engineering  
Environmental Biotechnology Group  
University of Michigan

Lutgarde (Lut) Raskin is the Altarum/ERIM Russell O'Neal Professor of Engineering at the University of Michigan. She is a pioneer in molecular microbial ecology applied to water quality control and anaerobic bioprocesses. Her research focuses on managing the microbiome of drinking water systems and developing anaerobic bioprocesses for resource recovery from waste streams. She has published about 130 peer-reviewed journal papers and 350 conference proceedings papers and abstracts. Dr. Raskin is passionate about graduate education and has mentored approximately 15 postdocs and 90 graduate students, including 25 PhD students.

She received BS and MS degrees from the KU Leuven in Belgium and a PhD degree from the University of Illinois at Urbana-Champaign. Prior to joining the faculty at the University of Michigan in 2005, she was a faculty member at the University of Illinois at Urbana-Champaign. She is an elected Fellow of the American Academy of Microbiology and the Water Environment Federation

Past honors include the University of Michigan Rackham Distinguished Graduate Mentor Award, the International Society for Microbial Ecology-International Water Association BioCluster Award, the Association of Environmental Engineering and Science Professors Frontier Award in Research, the American Society of Civil Engineers Walter L. Huber Civil Engineering Research Prize, the Water Research Foundation Paul L. Busch Award, and a U.S. National Science Foundation CAREER Award. She is an Associate Editor for Environmental Science & Technology and serves on the Board of Directors of the Association of Environmental Engineering and Science Professors.



## Other Events — continued

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### World Food Day

Tuesday, October 16, 2018 | 2:00 PM – 5:00 PM

Research Commons, 3<sup>rd</sup> floor of the 18<sup>th</sup> Avenue Library

<https://u.osu.edu/cfaesadmin/2018/10/02/world-food-day-oct-16-2/>

*Join us for a discussion of data resources for improving food health and well-being and a panel session aimed at raising awareness surrounding global hunger to one day reach a 'Zero Hunger World'.*

### Environmental Professionals Network – October

Tuesday, October 16, 2018 | 7:15 AM – 9:30 AM

Ohio Farm Bureau 4-H Center 2201 Fred Taylor Dr., Columbus, OH 43221

Tickets Free (for students)

<https://senr.osu.edu/events/environmental-professionals-network-october>

Healthy Planet, Healthy Patients: Hospitals Reduce Their Environmental Footprint

*This EPN Breakfast program, in collaboration with the Ohio Hospital Association's Environmental Leadership Council, Practice Greenhealth and Health Care without Harm, focuses on efforts to embed environmental sustainability into healthcare systems in Ohio.*



**Environmental  
Professionals Network**

### CFAES Career Expo

Wednesday, October 17, 2018 | 2:00 PM – 6:00 PM

Fawcett Center

<https://senr.osu.edu/events/cfaes-career-expo-0>

*Dress to impress and bring copies of your resume. Employers from Ohio and across the US are here to meet with students interested in agriculture and environmental internships and jobs.*

## Other Events — continued

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### Workday with Friends of Goodale Park

Saturday, October 20, 2018 | 9:00 AM – 12:00 PM

Goodale Park 120 West Goodale Street, Columbus, OH 43215

Tickets Free

<https://www.eventbrite.com/e/workday-with-friends-of-goodale-park-102018-tickets-50430696571?aff=ebdssbdestsearch>

#### Description

*Join Columbus Gives Back to help the Friends of Goodale Park for one of their park work days! Volunteers will be helping with weeding & mulching, tree removal, litter pick-up, and graffiti removal. Please wear comfortable, weather-appropriate clothing, and if you have extra garden tools (hand trowels, shovels) that we can use on Saturday, please bring them!*

### Environmental Film Series: What Lies Upstream

Monday, October 22, 2018 | 7:00 - 9:00 PM

CBEC Room 130

Tickets Free

<https://senr.osu.edu/about-us/events/4th-environmental-film-series>

*“Investigative filmmaker, Cullen Hoback, travels to West Virginia to study the unprecedented loss of clean water for over 300,000 Americans in the 2014 Elk River chemical spill... He finds plenty of blame to go around as he widens his focus to include the crisis in Flint, Michigan, and the film posits the potential for similar health risks elsewhere... Through interviews with research scientists, agency whistle-blowers and concerned citizens, Hoback builds a persuasive case against not only industry and political figures, but also the Centers for Disease Control and the Environmental Protection Agency.”*

### Fall Petals to the Metal: A Night of Hands on Creativity

Wednesday, October 24, 2018 | 5:30 PM – 8:00 PM

The Candle Lab 459 N. High St., Columbus, OH 43215

Tickets \$70

<https://www.eventbrite.com/e/fall-petals-to-the-metal-a-night-of-hands-on-creativity-tickets-50610454231?aff=ebdssbdestsearch>

*Join Three Buds Flower Market, Red Giraffe Designs, and The Candle Lab for a night full of fall themed creativity! Your ticket purchase includes: (1) 8oz custom - scented soy wax candle + (1) Three Buds Flower Market flower arrangement and vase + (1) Red Giraffe Designs custom - stamped keychain + (1) Alcoholic beverage of choice!*

## Other Events — continued

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### 2018 Summit on Sustainability

Thursday, October 25, 2018 | 7:30 AM – 4:00 PM

Hilton Columbus Downtown 401 North High Street, Columbus, OH 43215

Student Tickets \$50

<https://www.eventbrite.com/e/2018-summit-on-sustainability-tickets-46818268702?aff=ebdssbdestsearch>

*This Mid-Ohio Regional Planning Commission (MORPC) signature environmental conference brings together over 500 individuals from diverse backgrounds to share sustainable solutions, receive first-hand information on governmental and community sustainability practices, and celebrate sustainability efforts with the Green Region Awards.*

### Law Fair

Thursday, October 25, 2018 | 11:00 AM – 2:00 PM

Ohio Union Grand Ballroom

Free

<https://artsandsciences.osu.edu/news-events/events/law-fair>

*Open to all Ohio State students, OSU alumni, and students from other Central Ohio area colleges/institutions. The Ohio State Law Fair allows students to learn what each school can offer in terms of an education and experience, as well as what law schools look for in their applicants. Over 100 law schools from around the country participate, and the fair is free to attend, no pre-registration needed.*

### Westgate Halloween Party & Movies in the Park

Friday, October 26, 2018 | 5:15 PM – 9:30 PM

Westgate Community Recreation Center 455 South Westgate Avenue, Columbus, OH 43204

Tickets Free

<https://www.eventbrite.com/e/westgate-halloween-party-movies-in-the-park-102618-tickets-50432405683?aff=ebdssbdestsearch>

*Columbus Gives Back is looking for volunteers to work the Haunted House and to serve refreshments for the Westgate Halloween edition of the Movies in the Park series! Columbus Gives Back coordinates group volunteer events while emphasizing our social twist: to have fun with volunteers new and old during and after events in the hopes of creating a culture of community engagement. After the event, we encourage you to join us for food or drinks and have fun with other volunteers.*

## Other Events — continued

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### Volunteer for Franklin Park Conservatory's Halloween

Saturday, October 27, 2018 | 9:30 AM – 1:30 PM

Franklin Park Conservatory and Botanical Gardens 1777 East Broad Street, Columbus, OH 43203

Free

<https://www.eventbrite.com/e/volunteer-for-franklin-park-conservatorys-halloween-102718-tickets-50432626343?aff=ebdssbdestsearch>

*Wear your family friendly costume or festive Halloween gear and work one of the Conservatory's 10 treat stations. Volunteers will hand out candy and help create unforgettable memories for all of the new visiting families. After the event, Columbus Gives Back encourages all the volunteers to join them socializing over food and drinks.*

### Environmental Career Conference

Saturday, October 17, 2018 | 9:00 AM – 5:00 PM

Kottman Hall

Tickets \$10

<https://senr.osu.edu/events/environmental-career-conference-1>

Register on Handshake OSU: <https://handshake.osu.edu/>

*Engaging presentations from industry experts on an array of environmental careers. Learn about social entrepreneurship, policy, communications, natural resources management and more. Farm to table lunch served. Networking reception 3-5 pm.*

### Environmental Film Series: Catching the Sun

Monday, October 29, 2018 | 7:00 - 8:45 PM

CBEC Room 130

Tickets Free

<https://senr.osu.edu/about-us/events/4th-environmental-film-series>

*“An eye-opening look at workers and entrepreneurs on the forefront of the clean energy movement that will transform, and enliven the way you see the future. What is clear is the wonderful opportunity the transition to clean energy represents.” — Mark Ruffalo*