

EARTH DAY CEREMONY

April 19, 2023

09:30 AM: Welcome address by the Chair of the Natural Sciences Department, Prof. Francisco Fernandez

09:35 AM: Remarks by the President Dr. Daisy Cocco De Filippis (prerecorded message)

09:45 AM: Remarks by the Dean Babette Audant

09:55 AM: Keynote Presentation (Dr. Erin Vogel, Topic: *Climate Change, Wildfires, and Orangutan Conservation*)

KEYNOTE SPEAKER:

Dr. Erin Vogel, Rutgers University



Dr. Erin Vogel is a primatologist, evolutionary ecologist, and an Associate Professor at Rutgers, The State University of New Jersey. Her research is focused on how habitat quality influences energetics and health in wild primates, particularly in the face of variable and threatened environments. Additionally, Dr. Vogel is a co-director of the research station and actively involved in mentoring the next generation of conservation biologists with her Indonesian collaborators.

On April 19th, Dr. Vogel will present on ongoing research focusing on the complex relationships between climate change, wildfires, and ecosystem health in the peatland forests of Central Kalimantan, Indonesia.



<https://commons.hostos.cuny.edu/hostosearthweek/>



Hostos Community College

Natural Sciences Department

CHAIRPERSON:

Prof. Francisco Fernandez

EARTH WEEK COORDINATORS:

Prof. Vyacheslav Dushenkov

Prof. Allison Franzese

Prof. Jennifer Sabour



COMMITTEE MEMBERS:

Prof. Amanda Bernal-Carlo

Ms. Karin Contreras

Prof. Soheli Chowdhury

Prof. Vyacheslav Dushenkov

Prof. Francisco Fernandez

Prof. Allison Franzese

Prof. Flor Henderson

Prof. Carmen Inda-Garcia

Prof. Anna Ivanova

Prof. Biao Jiang

Prof. Anna Manukyan

Prof. Clara Nieto-Wire

Prof. Vladimir Ovtcharenko

Prof. Zvi Ostrin

Prof. Yoel Rodríguez

Prof. Debasish Roy

Prof. Shamila Shakya

Prof. Mohammad Sohail

Prof. Olga Steinberg-Neifach

Prof. Julie Trachman

Prof. Lauren Wolf

Prof. Elyse Zucker



Natural Sciences Department



PRESENTS

**A Good Planet is
Hard to Find**



**Earth Week
2023**

April 18-22

Photo credit: Tim Laman, National Geographic



April 18 (Tuesday)

Photo Exhibition: Person of Forest
Prof. Vyacheslav Dushenkov
ALL DAY (April 18-20)
Atrium (OTA)

Chemistry of Everyday Life
Prof. Sharmila Shakya
9:30 AM - 10:45 AM

East Academic Bldg C-593 (NOTA)

Hostos Aeroponic Lab Tour
Prof. Flor Henderson & Ms. Karin Contreras
10 AM - 12 PM; 2 PM - 4 PM
A-511 and A-514 (OTA)

Recycling
Prof. Olga Steinberg
12:30 PM - 1 PM
A-408 (NOTA)

Experimental Use of Stem Cells for Type I Diabetes Mellitus Treatment
Prof. Soheli Chowdhury
5:30 PM - 6:30 PM
A-408 (OTA)

April 19 (Wednesday)

Earth Week Highlight

9:30 AM: Earth Day Ceremony with Keynote Speaker, Dr. Erin Vogel of Rutgers University
Topic: *Climate Change, Wildfires, and Orangutan Conservation*
Location: Savoy Multipurpose Room (OTA)

Science Art Contest: Landscapes: Problems and Solutions
Prof. Carmen Inda-Garcia
11 AM - 12:15 PM
Online (Zoom):
Meeting ID: 269 211 9404
and Hybrid (A-522) (OTA)

Could We Change to Bring Climate Change?
Prof. Amanda Bernal-Carlo
11:15 AM - 12:15 PM
A-526 (OTA)



OTA - open to all
NOTA - not open to all

Could We Change to Bring Climate Change?
Prof. Amanda Bernal-Carlo
11:15 AM - 12:15 PM
A-526 (OTA)

Earth Day Trivia and Demo
Prof. Anna Ivanova & Prof. Allison Franzese
12 PM - 1:30 PM
A-Atrium (OTA)

Environmental Change and the Nervous System
Prof. Zvi Ostrin
2:45 PM - 3:15 PM
Online (NOTA)

Emerson, Thoreau & Deep Ecology/Industrial Farming, Global Warming and Planetary Pollution
Prof. Elyse Zucker
12:30 PM - 1 PM; 3:15 PM - 3:45 PM
A-Atrium (OTA)

Noise Pollution in NYC
Prof. Biao Jiang
3:30 PM - 5 PM
Online (OTA)

The Plastics Problem: Can Microbes Help?
Prof. Julie Trachman
5:30 PM - 6 PM
A-408 (OTA)

Environmental Change and the Cardiovascular System
Prof. Zvi Ostrin
7:45 PM - 8:15 PM
Online (NOTA)

April 20 (Thursday)

How We Develop Environment Friendly Sustainable Organic Products: Portfolio & Presentation
Prof. Debasish Roy
9:30 AM - 12 PM
A-534 (OTA)

Urban Agricultural Systems
Prof. Flor Henderson
10 AM - 11 AM
A-Atrium (OTA)

Science Art Contest: Landscapes: Problems and Solutions
Prof. Carmen Inda-Garcia
11 AM - 12:15 PM
Online (Zoom):
Meeting ID: 269 211 9404
and Hybrid (A-527) (OTA)

Hostos Student Presentation by Jose Keppis

Title: CUNY India Air Pollution Study: Assessing the Challenges and Opportunities for Environmental Health Research
Prof. Allison Franzese & Prof. Anna Ivanova
11 AM - 12 PM
Online (Zoom): Meeting ID: 826 6086 5190 Passcode: 541173 (OTA)

Current Environmental Issues
Prof. Francisco Fernndez
11 AM - 1 PM
A-517 (OTA)

Biodiversity on the Planet Earth
Prof. Vladimir Ovtcharenko
12:30 PM - 3:15 PM; 5:30 PM - 8:15 PM
Online (OTA)

The Plastics Problem: Can Microbes Help?
Prof. Julie Trachman
5:30 PM - 6 PM
A-408 (OTA)

April 21 (Friday)

Intro to STEM Research Seminar | Prof. Allison Franzese | Current Big Questions/Challenge in Science and Engineering
Prof. Yoel Rodríguez & Prof. Francisco Fernandez
12 PM - 1 PM
Online (Zoom): Meeting ID: 858 7060 6789 Passcode: 349387 (OTA)

Conversation with Advanced Science and Engineering Students
Prof. Yoel Rodríguez & Ms. Karin Contreras
2 PM - 3 PM
Online (Zoom): Meeting ID: 870 9937 0875 Passcode: 683581 (OTA)

Hostos STEM Olympiad: Kahoot Format
Prof. Yoel Rodríguez, Prof. Anna Ivanova, Prof. Clara Nieto-Wire & Prof. Lauren Wolf
3 PM to 4 PM
Online (Zoom): Meeting ID: Meeting ID: 870 9937 0875
Passcode: 683581 (OTA)

April 22 (Saturday)

Addressing Environmental Issues through Art
Prof. Anna Manukyan
1 PM - 2 PM
Online (OTA)