

OPENING CEREMONY

April 12, 2022 9:30 AM

Hostos Cafeteria

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



09:30 AM: Seating

09:35 AM: Welcome address by Chair

Dr. Francisco Fernandez

09:40 AM: Remarks by the President

Dr. Daisy Cocco De Filippis

09:45 AM: Remarks by the Provost

Dr. Shiang-Kwei Wang

09:50 AM: Keynote Presentation

Ms. Heather McKinstry

The Future of Sustainable Building in The Bronx.

10:50 AM: Closing remarks



Keynote Speaker

is an Associate at Dattner Architects. She believes that architecture's most important role is to create inclusive, healthy, and sustainable environments for our communities, helping to build a more equitable world.

Heather McKinstry
AIA, LEED AP, CPHC
Associate, Dattner Architects

After completing her thesis on disaster relief housing, Heather's commitment to environmentalism and community focused urbanism led her to creating spaces for all New Yorkers while minimizing environmental impact of new buildings. A leader within the firm's Sustainable Practice Group (SPG), she is the Chair of SPG's Energy Committee. Heather holds a Bachelor of Architecture and a Bachelor of Fine Arts from Rhode Island School of Design.



HOSTOS EARTH WEEK 2022
LIVING TOGETHER: INVESTING IN OUR PLANET



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

Natural Sciences Department

Chairperson

Prof. Francisco Fernandez

Earth Week Committee:

Prof. Flor Henderson

Prof. Van Chanh Phan

Prof. Vyacheslav Dushenkov

Sponsors/contributors:

BMI TEAM

COIL

CSTEP

Educational technology

Engineering Program

Food Studies Club

Food Studies Program

Geoscience Club

Office of Student Activities

Office of the President

Print Shop

Public Relations



Sustainability and Environmental Justice: Lessons from Native America

Eugenio María de Hostos Community College
500 Grand Concourse, Bronx, NY 10451



Natural Sciences Department



HOSTOS EARTH WEEK 2022
LIVING TOGETHER:
INVESTING IN OUR PLANET

Natural Sciences Department

April 11-14

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



Ms. Heather McKinstry.

Dattner Architects

The Future of
Sustainable Building in
The Bronx

9:30 AM

Tuesday, April 12, 2022

Hostos Cafeteria

Earth Day Highlights

April 11-14, 2022

Opening Ceremony

April 12, 2022 9:30 AM Hostos Cafeteria.
Ms. Heather McKinstry
Associate at Dattner Architects
The Future of Sustainable Building in The Bronx

A-Atrium

April 12, 2022

10:00 AM – 12:30 PM: In-Person A–Atrium
02:00 PM – 04:00 PM: In-Person A–Atrium
Aeroponic Lab Tours.
Prof. Flor Henderson & Ms. Karin Contreras

11:00 AM – 02:00 PM: In-Person A–Atrium
The Sustainability Council water bottle giveaway.
Mr. Zack Korenstein

April 14, 2022

10:00 AM –11:00 AM: In-Person A – Atrium
Hydroponic Farming at Hostos Community College.
Prof. Flor Henderson

01:00 PM – 02:00 PM: In-Person A–Atrium
Earth Day Science Trivia.
Prof. Anna Ivanova & Prof. Allison Franzese



April 11, 2022

11:00 AM -11:40 AM: ZOOM
How Climate Change Can Expose Us to Dormant Microbes. Student presentation.
Prof. Soheli Chowdhury, Ms. Veronica Ellis.

11:00 AM –12:00 PM: Virtual
12:30 PM – 01:30 PM: Virtual
Our Planet, Our Home. Poster presentations.
Prof. Flor Henderson

11:00 AM –12:15 PM: Virtual
12:30 PM – 01:45 PM: Virtual
05:30 PM – 06:45 PM: Virtual
Exploring Walt Whitman & Wendell Berry's Poems Celebrating Nature,
Prof. Elyse Zucker

Ongoing: Virtual
Sustainability and Environmental Justice: Lessons from Native America.
Prof. Marcella Bencivenni

April 12, 2022

08:30 AM – 09:30 AM: In-Person A–522
The effect of the environment on physical activity. Class discussion.
Prof. Vyacheslav Dushenkov

09:30–11:00 AM: In-Person Cafeteria
Opening ceremony.
Prof. Flor Henderson, Prof. Van Chanh Phan, Prof. Vyacheslav Dushenkov

10:00 AM – 12:30 PM: In-Person A–Atrium
02:00 PM – 04:00 PM: In-Person A–Atrium
Aeroponic Lab Tours.
Prof. Flor Henderson & Ms. Karin Contreras

11:00 AM – 02:00 PM: In-Person A–Atrium
The Sustainability Council water bottle giveaway.
Mr. Zack Korenstein

11:00 AM – 12:30 PM: ZOOM
Second Edition of the Science-Art Contest: “Landscapes: Problems & Solutions”
Prof. Carmen Inda

12:00 PM –1:00 PM: ZOOM
Sustainability with SolidWorks
Mrs. Diandra Jugmohan, Mrs. Briseida Cortez-Rodriguez, and Prof. Moise Koffi

12:30 PM–1:00 PM: In–Person
Chemistry and The Earth.
Prof. Mohammad Sohel

03:00 PM – 4:30 PM: Virtual, Kahoot Format
The STEM Olympiad.
Professors Yoel Rodríguez, Anna Ivanova, Clara Nieto–Wire & Lauren Wolf

4:00 PM: 5:00 PM: Virtual
Past, Present and Future of Floristics (Sandra Knapp).
Prof. Vyacheslav Dushenkov

05:30 PM – Virtual
Film Screening: The Man Who tried to Feed the World.
Prof. Kathleen Delgado

Ongoing: Virtual
EDU students will prepare a lesson on Earth Week.
Prof. John Burke

April 13, 2022

09:30–10:45 AM: Virtual
Noise Pollution in NYC. Students' presentations. Prof. Biao Jiang.

11:00 AM –12:00 PM: Virtual
12:30 PM – 01:30 PM: Virtual
Our Planet, Our Home. Poster presentations.
Prof. Flor Henderson

11:30 AM – 12:30 PM: ZOOM
GSACS Scholars Student Presentation and COIL@Hostos Q&A.
Prof. Anna Ivanova and COIL@Hostos Committee

12:30 PM – 01:00 PM: In–Person A–5408
Recycling! Discussion. Prof. Olga Steinberg

11:00 AM – 12:00 PM: In–Person A–526
What would be our next step in Human Evolution? Discussion.
Prof. Amanda Bernal Carlo

02:00 PM – 03:00 PM: Virtual
Conversation with Advanced Science and Engineering Students.
Prof. Yoel Rodríguez & Prof. Karla Contreras.

03:00 PM –04:00 PM: In–Person A–534
Peer Instructions in Action. Science Contest.
Prof. Yoel Rodríguez

05:30 PM - 06:00 PM In-person A-408
Plastics: Can microbes be part of the solution?
Prof. Julie Trachman

April 14, 2022

9:30 AM –11:00 AM: In-person & Telecast by ZOOM
Organic Based Industrial Progress. Students' presentations.
Prof. Debasish Roy

9:30 AM –10:30 AM: ZOOM
Invited Speaker presentation: “Behavior is a motor and a brake for evolution” Martha Muñoz, PhD. Yale University.
Prof. Carmen Inda

10:00 AM –11:00 AM: In-Person A – Atrium
Hydroponic Farming at Hostos Community College.
Prof. Flor Henderson

11:00 AM –12:40 AM: In-Person A–520
Chemistry in Everyday Life. Students' presentations.
Prof. Sharmila Shakya

11:30 AM – 12:30 PM: ZOOM Phytoremediation – A Sustainable Approach to Solve Water Pollution. Students' Presentations.
Prof. Anna Ivanova & Prof. Flor Henderson/ Students: Yassine Gaye, Sadia Zaman, Tia Daniel Sia & Ansumana Jammeh.

12:00 PM – 01:30 PM: In-person A536
Environmental Issues.
Prof. Francisco Fernandez

12:30 PM – 01:00 PM: In-Person A–5408
Recycling! Discussion.
Prof. Olga Steinberg

12:30 PM – 1:30 PM: Virtual Human Health and the Environment.
Class discussion.
Prof. Vyacheslav Dushenkov

01:00 PM – 02:00 PM: In-Person A–Atrium
Earth Day Science Trivia.
Prof. Anna Ivanova & Prof. Allison Franzese

03:30 PM – 04:30 PM: Virtual
Environmental Degradation & Cardiovascular/Neurological Well-being
Prof. Zvi Ostrin

05:30 PM – 06:30 PM: Virtual
Biodiversity on the planet Earth. Students' presentations.
Prof. Vladimir Ovtcharenko.

05:30 PM - 06:00 PM In-person A-408
Plastics: Can microbes be part of the solution?
Prof. Julie Trachman

Ongoing: Virtual
EDU students will prepare a lesson on Earth Week.
Prof. John Burke