

OPENING CEREMONY

April 9, 2019 9:30 AM

Hostos Cafeteria



09:30 AM: Seating and Coffee time

09:35 AM: Welcome Address by Chair Dr. Francisco Fernandez

09:40 AM: Remarks by Provost and Vice President for Academic Affairs Dr. Christine Mangino

09:50 AM: Keynote Presentation
Dr. Ana Carolina O Q Carnaval
Predicting Biodiversity in the Brazilian Coastal Forests

10.40 AM: Closing remarks



Keynote Speaker

Dr. Ana Carolina O Q Carnaval was born and raised in Rio de Janeiro, Brazil. She obtained her Master's in Science degree in Zoology from Rio's very own Museu Nacional, and moved to the University of Chicago in 1998 for a Ph.D. in Evolutionary Biology. In 2005, Ana moved to sunny California with a postdoctoral fellowship from the US National Science Foundation, where she worked with Craig Moritz in the Museum of Vertebrate Zoology at UC Berkeley. She has been teaching at the City College and The City University of New York since 2010. The Carnaval lab at City College studies spatial patterns of biodiversity and their underlying evolutionary and ecological processes, with the explicit aim of improving biodiversity prediction and conservation in tropical regions. Lab projects focus on tropical biogeography, integrative uses of comparative phylogeography and historical demography, GIS-based distribution models, current environmental data and paleoclimatic simulations, and animal physiology - particularly in the Brazilian Atlantic rainforest and Amazonia.



Natural Sciences Department

Chairperson

Prof. Francisco Fernandez

Earth Day Coordinators:

Prof. Vyacheslav Dushenkov

Prof. Biao Jiang

Committee Members:

Prof. Amanda Bernal-Carlo

Prof. Inda Garcia Carmen

Prof. Soheli Chowdhury

Prof. Kathleen Delgado

Prof. John Gillen

Prof. Flor Henderson

Prof. Anna Ivanova

Prof. Damaris-Lois Y. Lang

Prof. Anna Manukyan

Prof. Nelson Nuñez-Rodriguez

Prof. Vladimir Ovtcharenko

Prof. Christopher Paskoff

Prof. Van Chanh Phan

Prof. Yoel Rodriguez

Prof. Debasish Roy

Prof. Mohammad Sohail

Prof. Olga Steinberg Neifach

Prof. Julie Trachman

Mr. Franklin Campbell

Ms. Karin Contreras

Ms. Ewa Dziobak-Goncowski

Mr. Jaime Lujan

Ms. Dora Villa-Gonzalez

Ms. Dane Guerrero

Ms. Melody Echavarria

Sponsors:

Natural Sciences Department

Office of Academic Affairs

Engineering Program

Food Studies Program



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



Natural Sciences Department

Earth Day, 2019

April 8-11



Dr. Ana Carolina O Q Carnaval

The City College of New York, CUNY

Predicting Biodiversity

in the Brazilian Coastal Forests

9:30 AM

Tuesday, April 9, 2019

Hostos Cafeteria

Earth Day Highlights

April 8-11, 2019

Opening Ceremony

April 9, 2019 9:30 AM Hostos Cafeteria
Dr. Ilya Raskin/Dr. Ana Carolina O Q Carnaval
Predicting biodiversity
in the Brazilian coastal forests

A-Atrium

April 9, 2019

09:30 AM - 12:00 PM: Pollution.

02:00 PM - 04:00 PM: Facts about climate change.

April 10, 2019

10:00 AM - 11:00 AM: Aeroponically grown leafy greens.

12:30 PM - 03:00 PM: CSTEP Robotics.

April 11, 2019

10:00 AM - 11:00 AM: Aromatic plants in aeroponic towers.

11:00 AM -12:00 PM: My Tiger story. Photo exhibition.

Bridge

April 9, 2019

12:30 PM - 03:00 PM: Seed paper giveaway.

April 10, 2019

12:30 PM - 03:00 PM: Seed paper giveaway.

Photo Exhibit

April 9 - 11, A-Atrium
Prof. Vyacheslav Dushenkov: My Tiger story



April 8, 2019

02:45 PM - 03:15 PM: A-435

Fate of the things we throw away. Presentation and discussion. Prof. Olga Steinberg.

April 09, 2019

09:30 AM - 10:50AM: Hostos Cafeteria

Predicting biodiversity in the Brazilian coastal forests. Keynote speaker Dr. Ana Carolina O Q Carnaval. Opening Ceremony. Prof. Vyacheslav Dushenkov and Biao Jiang.

09:30 AM - 12:00 PM: A-Atrium

Pollution. Student's poster presentation. Prof. Soheli Chowdhury.

11:00 AM - 12:30 PM: A-534

Environmental Issues. Classroom presentations. Prof. Francisco Fernandez.

12:30 PM - 03:00 PM: Hostos Cafeteria

Science for fun. Science games and hands-on-activities. Profs. Anna Ivanova, Yoel Rodriguez and Biao Jiang.

12:30 PM - 1:15 PM: A-511

Human Health and Earth Day. Classroom presentations. Prof. Vladimir Ovtcharenko.

12:30 PM - 03:00 PM: Bridge

Seed paper giveaway. Food Studies Club Table. Prof. Kathleen Delgado.

02:00 PM - 03:00 PM: C-391

Environmental Impact of Food. Guest speaker: Claudia Lifton, Factory Farming Awareness Coalition. Prof. Kathleen Delgado & Leanna McLennan.

02:00 PM - 04:00 PM: A-Atrium

Facts about climate change. Student's poster presentation. Prof. Soheli Chowdhury.

02:30 PM - 03:15 PM: A-430

Environmental Factors and Human Health. Classroom presentations. Prof. John Gillen.

02:45 PM - 03:15 PM: A-435

Fate of the things we throw away. Presentation and discussion. Prof. Olga Steinberg.

5:30 PM - 6:15 PM: A-511

Biodiversity, Conservation and Earth Day. Classroom presentations. Prof. Vladimir Ovtcharenko.

05:30 PM - 07:00 PM: FDR

Supporting sustainability locally. Panel Presentation. Panelists: David Gaul, Claudia Lifton, Diahann McFarlane and Patricia Wood. Food Studies Program.

05:30 PM - 08:00 PM: A-331

Health and Environment. Student's poster presentation. Prof. Mohammad Sohel.

April 10, 2017

09:30 AM - 12:00 PM: A-526

Environmental current events. Classroom presentations. Prof. Amanda Bernal-Carlo.

09:30 AM - 10:45 AM: A-425C

Renewable energy: advantages and disadvantages. Classroom presentations. Prof. Anna Ivanova.

10:00 AM - 11:00 AM: A-Atrium

Aeroponically grown leafy greens. Students's poster presentations. Prof. Flor Henderson.

11:15AM - 12:00 PM: A-527

Environmental Factors and Human Health. Classroom presentations. Prof. John Gillen.

12:30 PM - 01:00 PM: A-430

GCC's Impact on health. Class discussion. Prof. Julie Trachman.

12:30 PM - 03:00 PM: A-Atrium

CSTEP Robotics. CSTEP Robotics-mini challenge. Mrs. Diandra Jugmohan.

12:30 PM - 03:00 PM: Bridge

Seed paper giveaway. Food Studies Club Table. Prof. Kathleen Delgado.

02:00 PM - 03:00 PM: A-536

Solution to pollution. Classroom presentations. Prof. Anna Ivanova.

02:45 PM - 03:15 PM: A-435

Fate of the things we throw away. Presentation and discussion. Prof. Olga Steinberg.

03:00 PM - 04:00 PM: A-534

Peers in Action. Science Contest. Prof. Yoel Rodriguez.

05:00 PM - 07:00 PM: C-391

Navigating career challenges. Women in Science. Prof. Carmen Inda.

05:30 PM - 06:30 PM: A-534

Physics in the Earth's environment. Classroom presentations. Prof. Anna Ivanova.

07:40 PM - 08:15 PM: A-408

Celebrating Microbial Diversity. Class discussion. Prof. Julie Trachman.

April 11, 2017

09:30 AM - 11:00 AM: A-534

Organic reactions in real life. Portfolio and classroom presentations. Prof. Sharmila Shakya.

10:00 AM - 11:00 AM: A-Atrium

Aromatic plants in aeroponic towers. Students' oral presentations. Prof. Flor Henderson.

11:00 AM - 12:00 PM: A-Atrium

My Tiger story. Photo exhibit. Prof. Vyacheslav Dushenkov.

11:30 AM - 12:40 PM: A-520

Chemistry in everyday life. Portfolio and classroom presentations. Prof. Debasish Roy.

12:30 PM - 01:30 PM: A-522

Health Issues and the Environment. Poster Presentation. Prof. John Gillen.

01:45 PM - 03:30 PM: FDR and JFK

The Eight Hostos STEM Olympiad. Olympiad Committee.

02:00 PM - 03:00 PM: A-534

Conversation with advanced science and engineering students. Prof. Karla Contreras and Yoel Rodriguez.