

SEMI-ANNUAL



THE HONORS
AND
UNDERGRADUATE
RESEARCH SCHOLARS
POSTER PRESENTATION

WEDNESDAY, DECEMBER 4, 2019

10:00AM - 4:00PM

NEW ACADEMIC BUILDING LOBBY

THURSDAY, DECEMBER 5, 2019

10:00AM - 12:30PM

NEW ACADEMIC BUILDING LOBBY

AWARDS CEREMONY

BEGINS AT 12:30PM

LIBRARY BUILDING AMPHITHEATER

TABLE OF CONTENTS

06

HONORS IN A
REGULAR COURSE

10

CUNY RESEARCH
SCHOLARS

14

EMERGING SCHOLARS

24

LSAMP SCHOLARS

25

GRANT-FUNDED
PROJECTS



Distinguished Honorary Member Lauri Aguirre
Chapter Advisor Professor Tamrah D. Cunningham
October 17, 2019



NSCS Reception
Chapter President Joya Biswas
October 17, 2019



NSCS Reception
October 17, 2019

AWARDS CEREMONY

DECEMBER 5, 2019 - 12:30 PM
LIBRARY AMPHITHEATER

Greetings

Russell K. Hotzler

President

Bonne August

Provost and Vice President
for Academic Affairs

Pamela Brown

Associate Provost

Recognition of Undergraduate Researchers

Honors Scholars

Reneta D. Lansiquot

CUNY Research Scholars

Hamidreza Norouzi

Emerging Scholars

Hamidreza Norouzi

LSAMP Scholars

Hamidreza Norouzi

Grant-Funded Projects

Janet Liou-Mark

Best Poster Awards

Jean Hillstrom

CUNY Academic Works for Undergraduate Research

Monica Berger

HONORS IN A REGULAR COURSE

Quit and Risk Reduced

Rana Abdelnaby
Prof. Maria Hitchings
COMD 3601: Information Design I

Forensic Investigation of Structural Collapse - Harbor Cay Condominium Complex

John Airis
Prof. Rostami Vahid
CMCE 2416: Elements of Structural Design -
Concrete

Overview of Student Needs & Readiness in Working with Persons with Substance Abuse Issues at Professional Internship Sites

Nashrin Akter
Prof. Charisse Marshall
HUS 1203: Human Services Seminar

The Disconnect Between Family Law and Immigration Law in the United States that Allows for Undocumented Immigrant Parents of Minors to Lose Their Parental Rights After Being Separated at The Border

Mercedes Aznar
Prof. Sara Schechter
LAW 2303: Family Law

Long-Term Effect of Very High Fat Diet to Study the Synergism in Hormonal and Cellular Changes in Male Mice

Ilholm Bakiyev
Profs. Christopher Blair and
Sanjoy Chakraborty
BIO 2450: Genetics

The Psychology of Hurricane Warnings: Why they are Sometimes Ignored

Christina Bhawanidin

Profs. Pa Her and Howard Sisco

SBS 2000ID: Research Methods for the
Social and Behavioral Science

Overview of Student Needs & Readiness in Working with Persons with Substance Abuse Issues at Professional Internship Sites

Joya Biswas

Prof. Charisse Marshall

HUS 1203: Human Services Seminar

To Breathe, or not to Breathe. The Structural Effects of Carbon Monoxide on Hemoglobin

Justin Bunyan

Prof. Armando Solis

BIO 3601: Bio Chemistry

Not Just a Pretty Face; Fashion Innovators who are Business Savvy

Valerie Checo

Prof. Denise Sutton

BUF 1101: Introduction to the
Fashion Industry

A Current Interpretation of Robert Frank's 1950's New York

Anna Crull

Prof. Anita Giraldo

COMD 1340: Photography I

Know Your Body

Maria DeLeon

Profs. Alberto Martinez and

Niloufar Haque

CHEM 3622: Inorganic Chemistry

An Overview of the Healthcare Delivery System in the State of Mississippi

Cerlyn Ellis

Prof. Katherine Gregory

HSA 3602: Health Services Management II

Income Disparities between Levels of Management in the Workplace in the US

Cerlyn Ellis

Prof. Hugh Fox

ECON 2403: Labor Management Relations

Part I: Comparative Analysis Between Natural and Ceramic Teeth

Ibeth Erazo

Prof. Daniel Alter

RESD 2314: Restorative Dental Ceramics II

Conservation of Linear Momentum

Jose Flores

Profs. Darya Krym and Lefung Leng

PHYS 1434: General Physics II

EFS Active Directory

Angela Halstead

Prof. Rudolph Defreitas

CST 2405: System Administration
(Windows)

Doctor-Patient Communication and Patient Continuity of Care: A Mixed-Methods Study of Primary Care Services in NYC

Kavita Hariprashad

Prof. Noemi Rodriguez

HSA 4740: Health Research Methods

Part I: Comparative Analysis Between Natural and Ceramic Teeth

Aneeza Hussian

Prof. Daniel Alter

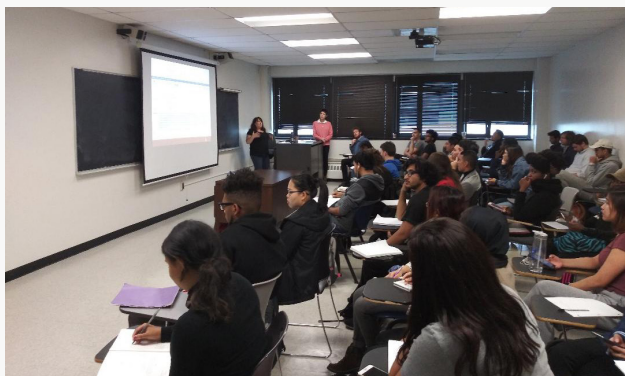
RESD 2314: Restorative Dental Ceramics II

Fibonacci Algorithms and its Applications in Artificial Intelligence Software

Jason Jara

Prof. Wladina Antoine

MAT 1475: Calculus I



Workshop 1: Writing Abstracts for Research Projects
October 3, 2019

Effects of Educational Technology Integration in a Classroom Setting: A Case Study on Introductory Mathematics Classes

Clinton Kanyali
Prof. Janet Liou-Mark
MEDU 2901: Peer Leader Training in Mathematics

Modification of SuperHERO Arm Gripper with 3D Printing

Joycephine Li
Prof. Farrukh Zia
CET 4711: Computer Controlled System Design

The Psychology of Hurricane Warnings: Why They Are Sometimes Ignored

Jeevanie Liliah
Profs. Courtney Snavelly and Howard Sisco
CST 2403: Introductory C++ Language Programming Part I

The Female or Male Math Professor: Student Perceptions

Akeem Louigarde
Prof. Janet Liou-Mark
MEDU 2901: Peer Leader Training in Mathematics

Long-Term Effect of Very High Fat Diet to Study the Synergism in Hormonal and Cellular Changes in Male Mice

Bushra Miah
Profs. Marie Chalbot and Sanjoy Chakraborty
BIO 1201: Biology II

Modular Design of Elevator Control System

Orouba Tagout
Prof. Farrukh Zia
CET 4711: Computer Controlled System Design

Letterforms as Abstract Visual Communication Elements

Tatiana Ribeiro
Prof. David Lucas
COMD 1257: Typographic Design

CUNY RESEARCH SCHOLARS

The Ethical Implications of Genetic Engineering and the Lack of Mainstream Media Coverage

Aliff Abad
Prof. Katherine Gregory

Design and Prototyping of a Speed Reducer GearBox

Nafisa Abubakar
Prof. Angran Xiao

A Self-Driving Toy Car Using Deep Learning

Fahim Ahmed
Prof. Benito Mendoza

A Self-Driving Toy Car Using Deep Learning

Mubtasem Ali
Prof. Benito Mendoza

RoboQueen 3D

Anny Baez Silfa
Prof. Farrukh Zia

3D Printed Computer Circuits

Sultana Begum
Prof. Ohbong Kwon

Talk and Roll Bot

BingFang Chen
Prof. Farrukh Zia

Degradation rate Calculations of PDMS

Ibrahim Chouman
Prof. Ozlem Yasar

Calculus Exploration using R Software to Make Prediction

Showmik Chowdhury
Prof. Satyanand Singh



Advancing Library Research Techniques
October 10, 2019

The Effect of Prebiotic on Staphylococcus Attachment

Maria DeLeon
Prof. Niloufar Haque

Physico-Chemical Modeling, Optical Microscopy and Near-Infrared Spectroscopic Characterization of Model Biomaterials

Aldona Gjoni
Profs. Subhendra Sarkar, Zoya Vinokur
and Chen Xu

How Consumers Are Motivated to Deal with their Genetic Health Marker Results

Nadia Gordon
Prof. Katherine Gregory

Fabrication and Imaging Characterization of Poly (Dimethyl Siloxane)/SiC Nano-fillers and Electrospun Poly (Lactic Acid) Samples as Model Biomaterials

Viorica Gutu
Profs. AKM Rahman, Subhendra Sarkar
and Zoya Vinokur

Correlation of Open Lab X and Students' Final Grades

Fahameda Hassan
Prof. Zoya Vinokur

Comparative Analysis Between Natural Teeth and Ceramic Teeth

Aneeza Hussain
Prof. Daniel Alter

Non-Destructive Testing on Concrete

Raadiya James
Prof. Navid Allahverdi-Pur

Design and Prototyping of a Speed Reducer GearBox

Mathew Jurado
Prof. Angran Xiao

Machine Learning Application in Physical Computing

Joan Beatrice Ladaban
Prof. Farrukh Zia

Correlation of Open Lab X and Students' Final Grades

Mary Lee
Prof. Zoya Vinokur

Augmented Reality Gaming: Harnessing the Real-world Environment to Enhance Game Interactions

Steven Li
Prof. Benito Mendoza

Machine Learning Method used to Predict Diabetes

Saminur Miah
Prof. Marcos Pinto

Mechanical Characterization of Nano-material Doped Polydimethylsiloxane (PDMS)

Marc-Jason Michaud
Prof. Ozlem Yasar

Implication of Local Weather on Heat Transfer Rates by Infiltration in Summer

Kyanguim Park
Prof. Daeho Kang

A Data Visualization System for Wireless Sensor Network Using Open Source Platform Node Red

Matthew Samaroo
Prof. Xinzhou Wei

PDMS Degradation Rate Studies

Matthew Sanchez
Prof. Ozlem Yasar

Physico-Chemical Modeling, Optical Microscopy and Near-Infrared Spectroscopic Characterization of Model Biomaterials

Amina Shahbaz
Profs. Subhendra Sarkar,
Zoya Vinokur and Chen Xu

Fabrication and Imaging Characterization of Poly (Dimethyl Siloxane)/SiC Nano-fillers and Electrospun Poly (Lactic Acid) Samples as Model Biomaterials

Tetiana Soloviova
Profs. AKM Rahman,
Subhendra Sarkar and Zoya Vinokur

Tall and Roll Bot

Yipenca Tang Liang
Prof. Ohbong Kwon

A Self Driving Toy Car Using Deep Learning

Suleyman Turac
Prof. Benito Mendoza

Non-Destructive Testing on Concrete

Shaylin Venitelli
Prof. Navid Allahverdi

A MQTT Protocol Based Internet of Thing Application using Arduino

Yani Acham Yaou Zakari Maidama
Prof. Xinzhou Wei

EMERGING SCHOLARS

Assessing Participants' Feedback to Dental Screenings and Hygiene Care Provided by City Tech's Dental Hygiene Students

Alona Abbullaieva
Prof. Susan Davide

Research on Optimization of Faculty Office Hours

Fabliha Afia
AP. Pamela Brown

Lasso Regression

Fabliha Afia
Prof. Nan Li

Closed Cavity Facades and New Energy Regulations on Buildings in NYC

Rafia Amin
Prof. John Neary

Closed Cavity Facades and New Energy Regulations on Buildings in NYC

Tasfia Amir
Prof. John Neary



Developing and Delivering
Effective Research Presentations
October 24, 2019

Redefining Culture: A New Continuum of Inclusiveness

Arsha Attique
Prof. Alyssa Adomaitis

Differential Effects of High Fat Diet (HFD) in Male and Female Mice

Ilhom Bakiyev
Prof. Sanjoy Chakraborty

NYC CO2 Caps

Evan Banks
Prof. Navid Allahverdi

Hybrid Green Technology Systems for New York City Roof Tops: Green Roofs and Solar Energy Combos

Ilana Berger
Prof. Ivan Guzman

The Psychology of Hurricane Warnings: Why are They Sometimes Ignored

Christina Bhawanidin
Prof. Howard Sisco

Overview of Student Needs & Readiness in Working with Persons with Substance Abuse Issues at Professional Internship Sites

Joyas Biswas
Prof. Charisse Marshall

The Logical Minimalism Algorithm Applied to First-order Logic Axiom Sets

Aurkaw Biswas
Prof. Brad Isaacson

A Study on Building Occupancy Detection with Sensor Data Analysis

Brian Borrero
Prof. Li Geng

Static Analysis of Structural Members

Amani Calderon
Prof. Fahrad Alinaghizadeh

The Role of Calpains in T. Thermophila

Collette Cameron
Prof. Ralph Alcendor

Electric Vehicle Mobility

Andois Carrasco
Prof. Yu-Wen Chen

Ball Catching with Omni-directional Wheeled Robot Utilizing Computer Vision and Neural Network

Mason Chen
Prof. Ali Harb

MR Imaging of Contamination and Degradation of Model Biological Tissues – A Feasibility Study

Daniela Costin
Prof. Subhendra Sarkar

Redefining Gender: A New Continuum of Inconclusiveness

Chayange Davis-Levis
Prof. Alyssa Adomaitis

Assessing Participants' Feedback to Dental Screenings and Hygiene Care Provided by City Tech's Dental Hygiene Students

WenWen Dong
Prof. Susan Davide

Burnside-Polya Counting Method

Matthew Edelmann
Prof. Satyanand Singh

Comparative Analysis Between Natural Teeth and Ceramic Teeth

Ibeth Erazo
Prof. Daniel Alter

Voice Controlled Augmented Reality: A Comparison of Speech-Recognition Tools for AR Applications

Juan Estrella
Prof. Benito Mendoza

Mechanical Characterization of Nano-material Doped Polydimethylsiloxane (PDMS)

Deldrys Gomez Reynoso
Prof. Ozlem Yasar

Entertainment Technology

Conny Gordon
Prof. Tamrah Cunnignam

Creation in Art Architecture and Geometry Wrapped in Orgami

Oliver Hadi
Profs. Anne Leonhardt and
Satyanand Singh

Doctor-patient Communication and Patient Continuity of Care: A Mixed Methods Study of Primary Care Services in NYC

Kavita Hariprashad
Prof. Noemi Rodriguez

Closed Cavity Facades and New Energy Regulations on Buildings in NYC

Taylor Hernandez
Prof. John Neary

Differential Effects of High Fat Diet (HFD) in Male and Female Mice

Brian Holliday
Prof. Sanjoy Chakraborty

Implementation of Sensors in Assistive Technology Mobile Robot

Jannat Hoque
Prof. Farrukh Zia

Examination of Schiff Base Condensation Reactions of Aromatic Amine Compounds with Cyclohexanone and Related Carbonyl Compounds

Taline Ingram
Prof. Peter Spellane

Burnside-Polya Counting Methods

Dahiana Jimenez
Prof. Satyanand Singh

Spectroscopy Study of the Interaction of Multi-Target Compounds with DNA

Baljit Kaur
Prof. Alberto Martinez

Know Your Body

Diana Khass
Prof. Niloufar Haque

Static Analysis of Circular Plates under Mechanical Loads

Harpreet Lalia
Prof. Fhrad Alinaghizadeh



Cultivating Fine Dining Etiquette
October 30, 2019

Burnside Pólya Counting Methods

Gabrielle Langston
Prof. Satyanand Singh

Circulate Laser Engraver

Mandy Li
Prof. Angran Xiao

SuperHERO Assistive Technology Mobile Robot - Hardware Implementation

Joycephine Li
Prof. Farrukh Zia

The Psychology of Hurricane Warnings: Why are They Sometimes Ignored

Jeevanie Liliah
Prof. Howard Sisco

Examination of Schiff Base Condensation Reactions of Aromatic Amine Compounds with Cyclohexanone and Related Carbonyl Compounds

Wesley Lu
Prof. Peter Spellane

Software Implementation of an Assistive Technology Mobile Robot

Jannatul Mahdi
Prof. Farrukh Zia

Lasso Regression

Dung Mai
Prof. Nan Li

Determinism of Stochastics Processes through the Relationship between the Heat Equation and Random Walks

Gurmehar Singh Makker
Prof. Lin Zhou

Roboqueen 3D

Jensy Maldonado
Prof. Farrukh Zia

Methods of Reduction CO2 Emissions in NYC Buildings

Elena Malysheva
Prof. Navid Allahverdi

Ball Catching with Omni-directional Wheeled Robot Utilizing Computer Vision and Neural Network

Eric Martinez
Prof. Ali Harb

Students' Perceptions of the Impact of Peer-led Workshops on their Team-working and Problem Skills Continued

David Mastalerz
Prof. Melanie Villatoro

Assessing Participants' Feedback to Dental Screenings and Hygiene Care Provided by City Tech's Dental Hygiene Students

Yujing Mei
Prof. Susane Davide

Differential Effects of High Fat Diet (HFD) in Male and Female Mice

Bushra Miah
Prof. Sanjoy Chakraborty

Lasso Regression

Afsana Mimi
Prof. Nan Li

Automated Window Washer

Janes Morales
Prof. Farrukh Zia

High-Performance Facade Metrics, Closed Cavity Systems and Incentives in Context of Net-Zero Building

Laurin Moseley
Prof. John Neary

Study of Communication Delay in Servo Actuator Networks

Gene Nadela
Prof. Xiaohai Li

International Space Object Orbit Tracker

Nicole Navarro
Prof. Farrukh Zia

Injection Molding using 3D Printed Molds

Danny Nalasco
Prof. Angran Xiao

The Role of Calpains in T.Thermophila

Titilope Odumuwagun
Prof. Ralph Alcendor

The Role of Calpains in T.Thermophila

Ebunoluwa Okunade
Prof. Ralph Alcendor

Discovering Blockchain Technology

Tajamul Rabbani
Prof. Marcos Pinto

Light-matter Interactions in Emerging Two-dimensional Materials

Shaina Raklyar
Prof. German Kolmakov

Synthesis of TiO₂ -H₃PW₁₂O₄₀ Composite Material, Characterization, and Photocatalytic Studies

Farah Rammal
Prof. Ivana Jovanovic

Implication of Local Weather on Heat Transfer Rates by Infiltration in Summer

Anthony Rivera
Prof. Daeho Kang

Circulate Laser Engraver

Kevin Rojas
Prof. Angran Xiao

Circulate Laser Engraver

Ericka Saldana
Prof. Angran Xiao

Electrical Vehicle: How it Benefit Customer?

Saiful Same
Prof. Yu-Wen Chen

A Study on Building Occupancy Detection with Sensor Data Analysis

Daniel Sampong
Prof. Li Geng

Examination of Schiff Base Condensation Reactions of Aromatic Amine Compounds with Cyclohexanone and Related Carbonyl Compounds

Jonathan Samuel
Prof. Peter Spellane

Low-cost Near Infrared Diffuse Optical Imaging System

Mohammed Shakil
Prof. Chen Xu

A Data Visualization System for Wireless Sensor Network using Open Source Platform Thingsboard

Julia Shin
Prof. Xin-Zhou Wei

Implementing READ (Reading Effectively Across Disciplines) in the Classroom

Anisa Shkempi
Prof. Michael Gotesman

Lasso regression

Shubha Shrestha
Prof. Nan Li



Exploring Global Culture Through Cuisine Spain Market Trip
November 1, 2019

The Privacy Preserving Framework with Virtual Ring and Identity-based Cryptography for Smart Grid

Leonard Sutanto
Prof. Yu-Wen Chen

Modular Design of Elevator Control System

Orouba Tagout
Prof. Farrukh Zia

Injection Molding using 3D Printed Molds

Abel Tapia
Prof. Akm Rahman

Video OER for Physics Education

Parikshit Thapa
Prof. Lufeng Leng

Design and Manufacturing of a Walking Machine

Aneita Torres
Prof. Angran Xiao

Internet Connected Smart House

Mellisa Valle
Prof. Farrukh Zia

Green Roof System Integrated Soil Methods

Jude Vallon
Prof. Ivan Guzman

Polyethylene Glycol Diacrylate Degradation Rate Studies

Steven Vera
Prof. Ozlem Yasar

Static Analysis of Structural Members

Alexis Villalona
Prof. Farhad Alinaghizadeh

Agent-Based Models of Enzyme Reactions

Albina Volkova
Prof. Johann Thiel

IoT in a 5G World

Subhaan Wagle
Prof. Marcos Pinto

Peer-Assisted Learning in Calculus II: Examining Gender Differences

Xiaoqing Wu
Prof. Janet Liou-Mark

Video OER for Physics Education

Ryan Young
Profs. Darya Krym and Lufeng Leng

Solar System used in Electrical Car

Qiaoling Zeng
Prof. Masato Nakamura

Sleep-Wake Disturbances in Mild Traumatic Brain Injury: Meta-analysis of Literature and Modeling of Cerebral Tissue Vulnerability

XiangFu Zhang
Profs. Mary Alice Browne and
Subhendra Sarkar

Kinetic Study of Amine Cured Epoxy Resins

Xiaona Zhou
Prof. Urmi Ghosh-Dastidar

An Enticing Study of Primes Numbers of the Shape $p = x^2 + y^2$

Xiaona Zhou
Prof. Satyanand Singh

How to Reduce CO₂ Footprints of Buildings

Elena Zimareva
Prof. Navid Allahverdi

LSAMP SCHOLARS

**NATIONAL SCIENCE FOUNDATION
LOUIS STOKES ALLIANCE FOR
MINORITY PARTICIPATION (LSAMP) IN STEM**

**Machine Learning Method to
Analyze Criminal Data**

Kiyatou Konate
Prof. Marcos Pinto

Computer Vision – Face Detection

Sumya Raha
Prof. Marcos Pinto

**Network Centrality Measures and
Network Capacity**

Luc Telemaque
Prof. Nadia Benakli

**Machine Learning Method to
Analyze Criminal Data**

Ida Touray
Prof. Marcos Pinto

Environmental Mapping Robot

Caren Yang
Prof. Zia

GRANT-FUNDED PROJECTS

NATIONAL SCIENCE FOUNDATION RESEARCH EXPERIENCES FOR UNDERGRADUATES IN SATELLITE & GROUND-BASED REMOTE SENSING AT NOAA-CREST: EXPANDED OPPORTUNITIES

(NSF REU Grant # 1560050)

Profs. Reginald Blake & Janet Liou-Mark,
Ms. Julia Rivera

Validation of Downscaled Satellite Land Surface Temperature in Urban Areas using an Unmanned Aerial Vehicle (UAV) and In-situ Applications

Kirk Barclay and Justine Ginchereau
Profs. Abdou Rachid Bah,
Reginald Blake, Hamid Norouzi

Studying Global Lakes Surface Temperature Variability at the Basin Level-Scale Using Remote Sensing Observations

Ryan Chen and Shaun Pollard
Profs. Abdou Rachid Bah,
Reginald Blake, Hamid Norouzi

Using satellite imaging radar to generate flood maps for improved humanitarian response: A case study for the 2019 Malawi floods

Wen Yong Huang and Janet Llinas
Prof. Aaron Davitt

**NATIONAL SCIENCE FOUNDATION
GP-EXTRA: RECRUITING & RETAINING
NON-GEOSCIENCE MINORITY STEM MAJORS
FOR THE GEOSCIENCE WORKFORCE**

(NSF IUSE GEO Grant # 1540721)

PHYS 1002 ID: An Introduction to
the Physics of Natural Disasters

Profs. Reginald Blake, Janet Liou-Mark,
Hamidreza Norouzi, & Ms. Julia Rivera

Cultivate Climate

Tarik Alexander, Ying Chong Chan,
Abu Chowdhury, Yanting Dong,
Mahoutin Godonou, Alexander Haynes,
Sanjay Seepersaud

The Fresh Prince Who Blew Air

Dimitri Ambroise, Nurbu Asherpa,
Corey Fung, Saleh Kassim, Ayaz Mirza,
Jon Molina, Hector Sanchez

Feel that Heat

Yessica Bustos, Ryan Chen,
Angelica Garcia, Kristel McNab,
Juan Velez, Zahida Yasmin

Coming Hell and High Water

Saira Abbasi, Mohammad Kabir,
Kareem Jackson, Parves Mia,
Sumyia Rahman, Brian Yellis

Earthquakes

Oludara Abiova, Faha Ghauri,
Mohammad Islam, Md Shova,
Marckendy Voltaire

Typhoon Tycoon

Shazia Absar, Afraz Allie,
Oumaima Aouinate, Tiara Cash,
Marylix Ortiz

**Earthquakes in Japan and Peru, and
how Construction Infrastructure Matters**

Inga Balkissoon, Matheus Figueroa,
Abu Fofana, Joel Quispe,
Michael Salamonski, Jing Sheng Zhao

Death by Sunlight

Michael Avulov, Isaiah Kersaint,
Antonio Mattis, Afsana Mimi

Climate Change

Freddy Gutierrez, Ainul Haque,
Asiaty Jalloh, Rana Saleh, Jihane Taifi

NOTES

[illegible]

NOTES

[illegible]

NOTES

[illegible]

NOTES

[illegible]

THE 31ST SEMI-ANNUAL HONORS & UNDERGRADUATE RESEARCH POSTER PRESENTATION

To all the dedicated professors for
mentoring students. A heartfelt thank you
for making this event a successful one.

SPECIAL THANKS TO

Ms. Iman Abdulfattah
Ms. Lauri Aguirre
Mr. Abdou Bah
Prof. Monica Berger
Prof. Tamrah D. Cunningham
Prof. Julia Jordan
Prof. Janet Liou-Mark
Mr. Christopher Navarrete
Mr. Lubosh Stepanek
Mr. David Turkiew
Mr. Adam Walker
Ms. Laura Yuen-Lau

A SPECIAL THANK YOU TO THE DEDICATED POSTER JUDGES

Navid Allahverdi	Elizabeth Milonas
Daniel Alter	Unurjargal Nyambuu
Gulgun Bayaz Ozturk	Nandi Prince
Nadia Benakli	Akm Rahman
Monica Berger	Noemi Rodriguez
Lucas Bernard	Jeremy Seto
Christopher Blair	Satyanand Singh
Stephanie Boyle	Peter Spellane
Mary Alice Browne	Denise Hardesty Sutton
Yu-Wen Chen	Christopher Swift
Tamrah D Cunningham	Zoya Vinokur
Li Geng	Robert Walljasper
Urmi Ghosh-Dastidar	Adam Wilson
Katherine Gregory	Chen Xu
Ivan Guzman	Zhou Zhang
Ivana Jovanovic	Lin Zhou
Laina Karthikeyan	Zheng Zhu
Jinwon Kim	
Sean MacDonald	
Alberto Martinez	
Ariane M Masuda	

A SPECIAL RECOGNITION AND APPRECIATION TO
MS. HOA VU FOR DESIGNING THE PROGRAM



NEW YORK CITY COLLEGE OF TECHNOLOGY