

SEMI-ANNUAL



32 *nd*

**THE HONORS
AND
UNDERGRADUATE
RESEARCH SCHOLARS
POSTER PRESENTATION**

THURSDAY, MAY 7, 2020

VIRTUAL

<https://openlab.citytech.cuny.edu/posterpresentation/>

TABLE OF CONTENTS

GREETINGS

04 HONORS IN A
REGULAR COURSE

Russell K. Hotzler
President

10 CUNY RESEARCH
SCHOLARS

Bonne August
Provost and Vice President
for Academic Affairs

14 EMERGING SCHOLARS

Pamela Brown
Associate Provost

Reneta D. Lansiquot
Director of the Honors Scholars Program

22 GRANT-FUNDED
PROJECTS

Hamidreza Norouzi
Director of Undergraduate Research

24 INTERDISCIPLINARY
PROJECTS

Best Poster Awards

Amanda Almond
Interim Assistant Director of the Honors Scholars Program

HONORS IN A REGULAR COURSE

Designer Threads, Gender Embracement, and Androgynous Dressing

Deborah Aderounmu
Prof. Alyssa Adomaitis
BUF 4300: Global Sourcing and International Retail Trade

Net Zero Buildings

Kwamina Afful
Prof. Dave Gosine
FMGT 4720: Building Systems II

Service-Learning in a Safe Environment: Protecting Interns Against Discrimination and Sexual Harassment

Mercedes Aznar
Prof. Jeannette Espinoza
LAW 2302: Business Organizations and Commercial Law

The Psychology of Hurricanes: Why are they sometimes Ignored?

Ilhom Bakiyev
Prof. Annie Mundeke
AFR 1130: African Folklore

Challenging Questions of Math 1275

Christina Benguechea
Prof. Alexander Rozenblyum
MAT 1275: College Algebra and Trigonometry

Healthcare Delivery Systems in the United States

Ethel Bouzalas
Prof. Katherine Gregory
HSA 3602: Health Service Management II

Effectiveness of Cannabinoids in Medical Uses

Manuela Patino Colorado
Prof. Niloufar Haque
BIO 2312: Human Anatomy and Physiology II

Phthalocyanines as Photocatalysts for Degradation of Water Pollutants

Corevel Cova
Prof. Ivana Jovanovic and Suresh Tewani
CHEM 3312: Analytical Chemistry

Characterization of Staphylococcus Pasteuri Isolates Derived from Human Atherosclerosis Plaque

Maria DeLeon
Prof. Niloufar Haque, Nasreen Haque and Abdallah Nihrane
BIO 3302: Microbiology

Replacing a Single Tooth: Single Implant vs. Three Unit Bridge

Ibeth Erazo
Prof. Daniel Alter
RESD 2413: Fixed Prosthodontic Practicum II

Parkinson Disease Treatments and their Efficacy

Stacy Ganthier
Prof. Md Rahman
BIO 2311L: Human Anatomy and Physiology I

The Headlands by Christopher Chen - A Contemporary Noir?

Amy Gong
Prof. Shauna Vey
THE 2180: Introduction to the Theatre

The Wonders of a Discourse Community

Michelle Guzman
Prof. Josh Borja
ENG 1121: English Composition II

Replacing a Single Tooth: Single Implant vs. Three Unit Bridge

Aneeza Hussain
Prof. Daniel Alter
RESD 2413: Fixed Prosthodontic Practicum II

Jeweler Hammers - Creating a Trusty Tool

David John-Charles
Prof. Leonard Popkin
MECH 1101: Manufacturing Processes Laboratory

The Headlands by Christopher Chen - A Contemporary Noir?

LeRoy Kenner
Prof. Shauna Vey
THE 2180: Introduction to the Theatre

Science Fiction and Stage Design for Live Entertainment

LeRoy Kenner
Prof. Jason Ellis
ENG 2420: Science Fiction

Mobile Robot with Assistive Technology

Joycephine Li
Prof. Farrukh Zia
CET 4811: Captstone Design Project

Computer Aided Design and Manufacturing of an Engine Block

Ngozi Okonkwo
Prof. Zayed Saleh
MECH 1201: Computer-Aided Manufacturing Systems

Healthcare Delivery Systems in the United States

Liliana Huier Li Ruan
Prof. Katherine Gregory
HSA 3602: Health Service Management II

Minnesota HealthCare System

Sweat Y Looi-Kolakowski
Prof. Katherine Gregory
HSA 3602: Health Service Management II

Wage Gap Between Males and Females

Diana Lopez
Prof. Hugh Fox
ECON 2403: Labor Management Relations

Comparative Analysis of Implanted Supported Ear Reconstruction Vs. Medical Grade Adhesive

Pavlos Malonoukos
Prof. Avis Smith
RESD 1211: Complete Dentures I

Communication Skills for Customer Service: An Exercise in Training and Development

Kenneth Martinez
Prof. Jullian Costa
COM 1330: Public Speaking

Security implications: 9/11 and the Enhancements

Made to Protect the Country

Eric Martinez-Valerio
Prof. Christopher Cody
HIS 1111: U.S History Since 1865

Design of a Networks Laboratory for NYCCT

Bryan Molina
Prof. Igor Skuratovski
TCET 2202: Data Communication Systems

The Fundamentals of a Traditional Construction Contract

Sherene Moore
Prof. Mewburn Humphrey
FMGT 4760: Construction Planning and Management I

Adsorptive Removal of Basic Blue 99 Dye by Spent Tea Leaves and Hydrogels from Aqueous Solutions

Mohamadia Nassar
Prof. Diana Samaroo
CHEM 4902: Internship/Research in Applied Chemistry II

COVID-19 in The U.S.: "we have prepared to fail"

Seong Eun Oh
Prof. Mehmet Bagriyanik
HSA 3602: Health Service Management II

An Overview of the Healthcare Delivery System in the State of New York

Romy Orillaza Robielos II
Prof. Katherine Gregory
HSA 3602: Health Service Management II

Critical Evaluation of Unconfined Compression Field Apparatus

Shaylin Venitelli
Prof. Ivan Guzman
CMCE 2456: Soil Mechanics and Laboratory

Designer Threads, Gender Embracement, and Androgynous Dressing

Niyamani Watson

Prof. Alyssa Adomaitis

SBS 3201: Gender, Dress and Society

Climate Change, Myth or Fact?

Mimi Zheng

Prof. Annie Mundeke

BIO 2110: Programming for Biologists

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

Characterization of Staphylococcus Pasteuri Isolates Derived from Human Atherosclerosis Plaque

Maria DeLeon
Prof. Niloufar Haque

Presence of Electron Donor/Acceptor Radiographic Contrast Media in Unusual Photosynthesis Environment of Fresh Plant Cells: Near-Infrared and X-Ray Characterization

Aldona Gjoni
Prof. Subhendra Sarkar Chen Xu

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

Nadia Gordon
Prof. Katherine Gregory

Correlation of Open Lab X and Students' Final Grades

Fahameda Hassan
Prof. Zoya Vinokur

Replacing a Single Tooth: Single Implant vs. Three Unit Bridge

Aneeza Hussain
Prof. Daniel Alter

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

Effect of Silicon Carbide and Inorganic Glass Particles on Thermal and Mechanical Properties of Geopolymers

Aaryan Manoj Nair
Prof. Akm Rahman

Non-Destructive Testing on Concrete

Davide Mastalerz
Prof. Navid Allahverdi-Pur

Machine Learning Method used to Predict Diabetes

Saminur Miah
Prof. Marcos Pinto

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

Kyanguim Park
Prof. Daeho Kang

PDMS Degradation Rate Studies

Matthew Sanchez
Prof. Ozlem Yasar

Presence of Electron Donor/Acceptor Radiographic Contrast Media in Unusual Photosynthesis Environment of Fresh Plant Cells: Near-infrared and X-Ray Characterization

Amina Shahbaz
Profs. Subhendra Sarkar and Chen Xu

Presence of Electron Donor/Acceptor Radiographic Contrast Media in Unusual Photosynthesis Environment of Fresh Plant Cells: Near-infrared and X-Ray Characterization

Tetiana Soloviova
Profs. Akm Rahman and Subhendra Sarkar

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

Canopy Project

Aaron Acosta
Prof. Alexander Aptekar

FDM Printer

Abu Musa Belayeth
Prof. Angran Xiao

Roebbling Before the Bridge

Adrian Rosario
Prof. Paul King

Classification Method using Python and R

Afsana Mimi
Prof. Nan Li

Mind-Controlled Remote Car

Akeem Louigarde
Prof. Chen Xu

Design and Manufacturing of an Electric Scooter

Aldrey Magbag
Prof. Angran Xiao

Is This a "Good" for a "Bad" Gene

Alfonso Lopez
Prof. Evgenia Giannopoulo

Assessing Participants' Responses to Dental Hygiene Care Provided by Dental Hygiene Students at NYCCT During the Spring Semester 2020

Alona Abdullaieva
Profs. Susan Davide and Audra Haynes

Cultural Diversity in Health Communication

Aseel Bazrouk
Prof. David Lee

Molecular Dynamics Simulations of Mutated DNA Structures and the Effects on Surrounding Water Molecules

Ashley Santos
Prof. Mai Zharan

Design and Prototyping of a Lifter using Additive Manufacturing Technology

Astrid Frank
Prof. Angran Xiao

Impact of Obesity on Various Tissues: A Study with Mice Model

Brian Holliday
Prof. Sanjoy Chakraborty

Racial Disparities in Pain Management

Brittany Taylor
Prof. Aida Egues

Impact of Obesity on Various Tissues: A Study with Mice Model

Bushra Miah
Prof. Sanjoy Chakraborty

Low-Cost Drone Development Using Early Gyroscopic Models

Carlos Salas Osorio
Prof. Angran Xiao

Bracelet Reminder for Alzheimer's

Caroline Rodriguez
Prof. Farrukh Zia

Arduino Based Domestic Assistant

Christian Jean-Simon
Prof. Andy Zhang

Molecular Dynamics Simulations of Mutated DNA Structures and the Effect on Surrounding Water Molecules

Christina Bhawanidin
Prof. Mai Zharan

Seasonal Difference in the Implication of Local Weather on Heat Transfer Rates by Infiltration

Christopher Sanchez
Prof. Daeho Kang

Data Analysis

Daaniel Ahmad
Prof. Nan Li

Designer Threads, Gender Embracement, and Androgynous Dressing

Deborah Aderounmu
Prof. Alyssa Adomaitis

The Most Impacting Factors in Training

Dung Mai
Prof. Nan Li

Image Noise Characteristics in X-Ray and MRI Using Solid and Liquid Phantoms

Edon Kukaj
Prof. Subhendra Sarkar

Hydroponically Grown Lettuce

Evan Banks
Prof. Mark Hellerman

Research on Optimization of Faculty Office Hours

Fabliha Afia
Prof. Pamela Brown

Communication in Social Work and Counselling

Faith Smith
Prof. David Lee

The Magnetic Fingerprint Door Opener (MFDO)

Fallou Kebe
Prof. Angran Xiao

Planning a New Highway: Redlining in Brooklyn

Farai Matangira
Prof. Michael Duddy

The Psychology of Hurricanes: Why are They Sometimes Ignored?

Fariza Abbasova
Prof. Annie Mundeke

Replacing a Single Tooth: Single Implant Vs. Three Unit Bridge

Ibeth Erazo
Prof. Daniel Alter

Bloc Design and Latin Squares

Ibrahima Sow
Prof. Satyanand Singh

Impact of Obesity on Various Tissues: A Study with Mice Model

Ilhom Bakiyev
Prof. Sanjoy Chakraborty

Molecular Dynamics Simulations of Mutated DNA Structures and the Effect on Surrounding Water Molecules

Ivan Melo
Prof. Mai Zharan

Hip Shielding: Is it an Outdated Method?

Jasmin Sivestry
Prof. Eric Lobel

Investigating the Phylogeography and Diversification of Phrynosomatidae Lizards throughout the Deserts of Western North America

Jeevanie Liliah
Prof. Christopher Blair

Bracelet Reminder for Alzheimer's

Jennifer Islam
Professor Farrukh Zia

Roboqueen 3D

Jensy Maldonado
Prof. Farrukh Zia

Mathematical Model of a Robotic Arm Using Differential Equations

Jensy Maldonado
Prof. Nadia Benakli

Mobile Robot with Assistive Technology

Joycephine Li
Prof. Farrukh Zia

Mixed Reality and Artificial Intelligence Voice Assistant App

Juan Estrella
Prof. Benito Mendoza

Arduino Based Domestic Assistant

Khristian Lang
Prof. Andy Zhang

Hip Shielding: Is it an Outdated Method?

Kristen Sukhdeo
Prof. Eric Lobel

Advanced Smart House

Lubna Sharmin
Prof. Farrukh Zia

A Year of Encounter: The 1948 Photo Album of African American Soldiers Stationed in Gifu, Japan

Mahnoor Sheikh
Prof. Emilie Boone

Data Visualization System for Wireless Sensor Network

Mamadou Bah
Prof. Xinzhou Wei

Sensor Data Analysis in Smart Buildings

Manuel Mane Penton
Prof. Li Geng

Sustainable Electric Drivetrain Development and Analysis

Mason Chen
Angran Xiao

Research on Optimization of Faculty Office Hours

Matthew Schwartz
Prof. Jonathan Natov

Service-Learning in a Safe Environment: Protecting Interns against Discrimination and Sexual Harassment

Mercedes Aznar
Prof. Jeannette Espinoza

The Psychology of Hurricanes: Why are They Sometimes Ignored?

Mimi Zeng
Prof. Annie Mundeke

Uptake of Co (II) ions from aqueous solutions by low-cost biopolymers and their hybrid

Mohamadia Nassar
Prof. Abel Navarro

An in-depth Look at p-adic Numbers

Xiaona Zhou
Prof. Satyanand Singh

Designing an Efficient and Automated Switchable All-Optical Fiber Based Variable Optical Attenuator (VOA) to Variable Coupler (VOC)

Muzzamil Shaukat
Prof. Muhammad Ali

The History of Bail Prior the Bail Reform

Nashrin Akter
Prof. Richard Celestin

Drones' Effect on People Life

Nazma Akter
Prof. Katie Albany

Computer Aided Design and Manufacturing

Ngozi Okonkwo
Prof. Rene Drakes

International Space Object Orbit Tracker

Nicole Navarro
Prof. Farrukh Zia

Designer Threads, Gender Embracement, and Androgynous Dressing

Niyamani Watson
Prof. Alyssa Dana Adomaitis

Redefining Gender and Gender Expression Self-Perceptions and Self-Reflections

Rafi Sarkar
Prof. Alyssa Dana Adomaitis

Designing an Efficient and Automated Switchable All-Optical Fiber Based Variable Optical Attenuator (VOA) to Variable Coupler (VOC)

Ralph Castro Ramirez
Prof. Muhammad Ummy

Roebing Before the Bridge

Raphael Casseb
Prof. Paul King

The Psychology of Hurricanes: Why are they Sometimes ignored?

Richie Singh
Prof. Annie Mundeke

Project Cube

Samuel Connors
Prof. Brad Isaacson

Service-Learning in a Safe Environment: Protecting Interns Against Discrimination and Sexual Harassment

Sarah Frederique
Prof. Jeannette Espinoza

Low-Temperature Low Energy Electro-Optical Converter for Quantum Computers and Quantum Communication

Shaina Raklyar
Prof. German Kolmakov

Lasso Regression

Shubha Shrestha
Prof. Nan Li

Advanced Composites for Geothermal and Bio Engineering Applications

Sukhpaul Sehmbi
Prof. Akm Rahman

Global Tip Calculator

Tatyana Taylor
Prof. Marcos Pinto

Impact of Obesity on Various Tissues- a Study with Mice Model

Travis Caraballo
Prof. Sanjoy Chackraborty

Computer Controlled System Design

Umaira Shah
Prof. Farrukh Zia

Matrix Exponentials

Wadud Khan
Prof. Nadia Benakli

Assessing Participants' Responses to Dental Hygiene Care Provided by Dental Hygiene Students at NYCCT During the Spring Semester 2020

Wen Wen Dong
Profs. Susan Davide and Audra Haynes

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

XiangFu Zhang
Profs. Subhendra Sarkar and Mary Browne

Roebing: Before the Bridge

Raphael Casseb, Adrian Rosario
Prof. Paul King

Using Data Mining to Identify the Most Influential Factors in Training Results

Xiaoqing Wu
Profs. Lin Zhou and Nan Li

Hip Shielding: Is it an Outdated Method?

Xiaotong Du
Prof. Eric Lobel

Assessing Participants' Response to Dental Hygiene Care Provided by Dental Hygiene Students at NYCCT During the Spring Semester 2020

Yujing Mei
Profs. Susan Davide and Audra Haynes

Drones' Effect on People Life

Zahida Yasmin
Prof. Katie Albany

The Role of Language and Philosophy on Campus Life: The NYCCT Student's Views

ZhiHong Liu
Prof. Lubie Alatraste

GRANT-FUNDED PROJECTS

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

The Influence of “Bots” and Gas Lighters on Twitter and their Effect on the General Perception of Current Events

Luc Telemaque
Prof. Nadia Benakli

Machine Learning Method to Analyze Criminal Data

Ida Touray
Prof. Marcos Pinto

Environmental Mapping Robot

Caren Yang
Prof. Zia

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

(NSF IUSE GEO Grant # 1540721)

Prof. Reginald Blake, Janet Liou-Mark, Masato Nakamura, Hamidreza Norouzi, Abdou Bah, and Ms. Julia Rivera

Analysis of Land Surface Temperature Over Urban Landcover Types Using Satellite Remote Sensing and Ground-Based Applications

Antonio Mattis, Afsana Mimi
Prof. Reginald Blake, Hamid Norouzi

Geoscience Applications for Reducing Methane Emission from Landfill

Dimitri Ambroise, Joel Quispe, Michael Salamonski, Brian Yellis
Prof. Masato Nakamura

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

Ryan Chen
Prof. Abdou Bah, Reginald Blake and Hamid Norouzi

Studying Lake Ice Phenology in The State of Maine Using Remote Sensing and In-situ Observations

Mahoutin Godonou, Wen Yong Huang, Zahida Yasmin
Prof. Abdou Bah, Reginald Blake and Hamid Norouzi

(NSF REU Grant # 1560050)

Prof. Abdou Bah, Reginald Blake, Prof. Hamid Norouzi, Janet Liou-Mark, and 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, Justine Ginchereau
Prof. Abdou Rachid Bah, Reginald Blake and Hamid Norouzi

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

Ryan Chen, Shaun Pollard
Prof. Abdou Rachid Bah, Reginald Blake and 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, Janet Llinas
Prof. Aaron Davitt

INTERDISCIPLINARY PROJECTS

ECON 2505ID: Environmental Economics

Prof. Sean MacDonald

How does the Use of Dyes in the Clothing Industry Impact the Environment?

Amber Alicea

Sustainability and Star-Architecture: Santiago Calatrava's Contribution

Iulia Lewis

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

(NSF IUSE GEO Grant # 1540721)

Profs. Reginald Blake, Janet Liou-Mark, Masato
Nakamura, Hamidreza Norouzi, Abdou Bah,
and Ms. Julia Rivera

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

Prof. Reginald Blake

Risk of Inundating New York City

Gustavo Barroso, Evan Cedeno, Lina Deng,
Kazim Kowlassar, Erick Pacheco, Angel Rojas

The Impacts of Climate Change on Health

Shamach Campbell, Randell Clyburn, Gweneth
Jack, Angie Jimenez, Zehui Wen

Whose "Fault" is it Anyway?

Kevin Aucapina, Xena Colon, Shanjida Hossain,
Suraj Kalika, Walter Maldonado, Navid Samani,
Yoely Vilorio, Jordan Williams

Shaking Things Up

Brian Cabrera, Felix De La Cruz, David
Dominguez, Veronica Hipo, Ivan Nunez

Watered Down...Literally

Christopher Bello, Yaw Buadi, Betty Chan, Thanh
Liu, Kenneth Lopez, Michelle Ordonez,
Kwame Thomas

Weather or Not

Haider Ali, Emmanuel Cruz, Donuvin Legall, Luna
Mircea, Gilberto Moreno, Gregory Ortiz

NOTES

NOTES

NOTES

NOTES



Happy Retirement
and Best Wishes!

**Professor
Julia Jordan**

Prof. Julia Jordan has dedicated 40+ years of her life to inspiring students through her teaching and training and supporting faculty through her programs. As the former Director of Faculty Commons, she welcomed new faculty and anchored them in the life of the college. Her professional development seminars provided a venue where faculty's teaching and learning were enriched and expanded. Her devotion to creating a safe space allowed faculty to bring their concerns to a place where they are heard and cared for. She established a vibrant academic community where the ultimate benefit is for our students.

We like to honor Prof. Jordan for her passion in raising the standards for our students, and this student's reflection sums up Prof. Jordan's compassion and love for them:

"I happened to see Prof. Jordan near her Faculty Commons office a lot. Most of the time, she would stop me in the hall and touch my shoulders with a warm smile on her face. She would ask me if I was doing okay. She was also the only person from our whole department who would come during the Honors and Emerging Scholars Poster Presentation and stop by my poster to ask me some questions. I have good memories of her with me, and I am going to cherish them until the end."

Thank you for all that you have done
for our students and our faculty.

We wish you a well-deserved retirement!



In Remembrance of Dr. Jean Hillstrom

Dr. Jean Kubeck Hillstrom received her Ph.D. in Psychology from the University of Akron in 2001 and was an Associate Professor at New York City College of Technology, City University of New York. From 2012-2017, she served as the Chair of the Social Science Department, which is one of the College's largest and most complex departments. Dr. Hillstrom was deeply involved in the continued evolution of the department and led the efforts to create many new courses, resulting in the department becoming home for most of the interdisciplinary courses and liberal arts capstone courses offered at the College. She served also served as the Assistant Director of the Honors Scholars Program, where she enjoyed challenging the students through research. Her research interests spanned aspects of applied cognitive aging including emotion, emotion and communication, argumentativeness and aggressiveness, health education, medication adherence, job satisfaction, and training performance. Outside of the classroom, she was an active mentor to more than 30 undergraduate researchers supported through the Honors Scholars, Emerging Scholars, CUNY Research Scholars, and National Institutes of Health's (NIH) Bridges to the Baccalaureate programs. Below are the projects she worked with students over the years. She will be truly missed.

Dr. Jean Hillstrom's Research Projects with Students

Emerging Scholars Program Fall 2017 & Spring

An Analysis of Factors Affecting Emotional Regulation and Vagal Tone in an Expressive Writing Paradigm
Kevin Mei

Bridges to the Baccalaureate Program Fall 2017 & Spring 2018

The Effects of Emotion Regulation Styles on Narrative Content in an Expressive Writing Paradigm
Christopher Persaud and Jordan Jean Pierre

CUNY Research Scholars Program Spring 2017

Factors Affecting Emotional Regulation and Vagal Tone in an Expressive Writing Paradigm
Christina Taitt

Bridges to the Baccalaureate Program Spring 2017

Factors Affecting Emotional Regulation and Vagal Tone in an Expressive Writing Paradigm
Nazish Ghulam, Natalie Gonzalez, Sehar Munawar, and Marvelous Nkrumah

CUNY Research Scholars Program Spring 2016

Benefits of Expressive Writing: Improvements in Vagal Tone over Time
Cherishe Cumma

Emerging Scholars Program Spring 2016

Gender Differences in Vagal Tone Adaptation in an Expressive Writing Paradigm
Ahmed Emrah

Bridges to the Baccalaureate Program Spring 2016

Gender Differences in Vagal Tone Adaptation in an Expressive Writing Paradigm
Saber Ventura

CUNY Research Scholars Program Spring 2015

Positive Reframing and Vagal Tone: A Variation on the Expressive Writing Paradigm
Keishawna Jones

Emerging Scholars Program Spring 2015

Benefits of Expressive Writing: Improvements in Vagal Tone over Time
Taylor Brown
With Prof. Pa Her

CUNY Research Scholars Program Fall 2015

Benefits of Expressive Writing: Improvements in Vagal Tone Over Time
Cherishe Cumma, Dana Glatzer, and Daniel Rosales
With Prof. Pa Her

Emerging Scholars Program Fall 2015

Gender Differences in Vagal Tone Adaptation in an Expressive Writing Paradigm
Saber Ventura, Dana Glatzer, Daniel Rosales, Cherishe Cumma
With Prof. Pa Her

Emerging Scholars Program Spring 2014

Emotional Stress, Meaning-Making, and Well-Being
Curtis Appiah, Cherishe Cumma, and Curtis Appiah

CUNY Research Scholars Program Fall 2014

Positive Reframing and Vagal Tone: A Variation on the Expressive Writing Paradigm
Keishawna Jones

Emerging Scholars Program Fall 2014

Positive Reframing and Vagal Tone: A Variation on the Expressive Writing Paradigm
Cherishe Cumma and Shalamar Raimie
With Prof. Pa Her

Emerging Scholars Program Spring 2013 & Fall 2013

The Effects of Positive Reframing on Emotional Stress and Well-being
Eleanor Strehl
With Prof. Pa Her

Emerging Scholars Program Spring 2012

Emotional Stress, Meaning-Making and Well-Being
Pascal Babmatee and Karen Neroulias
With Prof. Pa Her

Emerging Scholars Program Fall 2012

Emotional Stress, Meaning Making and Well-Being
Harpreet Kaur and Eleanor Strehl

Emerging Scholars Program Spring 2011

Meaning, Making and Emotion Writing:
An Exploratory Study
Karen Neroulias

Learning Community Spring 2010

Psycho-English: Explore Landscapes of the Self
Prof. Jean Kubeck, Regina Lebowitz
ENG 1101 and PSY 1101 Learning Community

THE 32ND 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
Mr. Abdou Bah
Ms. Lauri Aguirre
Dr. Janet Liou-Mark
Mr. Christopher Navarrete
Mr. David Turkiew
Mr. Adam Walker
Ms. Laura Yuen-Lau

A SPECIAL THANK YOU TO THE DEDICATED POSTER JUDGES

| | |
|----------------------|--------------------|
| Nadia Benakli | Sean MacDonald |
| Monica Berger | Alberto Martinez |
| Heidi Boisvert | Ariane Masuda |
| Gwen Cohen Brown | Elizabeth Milonas |
| Stephanie Boyle | Marissa Moran |
| Mary Browne | Unurjargal Nyambuu |
| Yu-Wen Chen | Nandi Prince |
| Tamrah D. Cunningham | Denise Sutton |
| Katherine Gregory | Satyanand Singh |
| Evgenia Giannopoulou | Robert Walljasper |
| Li Geng | Chen Xu |
| Urmi Ghosh-Dastidar | Zheng Zhu |
| Ivana Jovanovic | Zhou Zhang |
| Laina Karthikeyan | |
| Ellen Kim | |

A SPECIAL RECOGNITION AND APPRECIATION TO
MR. ANTONIN LESOV FOR DESIGNING THE PROGRAM



NEW YORK CITY COLLEGE OF TECHNOLOGY