



**The 15th Semi-Annual
Honors Scholars
Poster Presentation**

Grateful Acknowledgments

To all the dedicated professors for mentoring students, Interim Dean Karl Botchway, Ms. Laura Yuen-Lau, Ms. Iva Williams, Prof. Julia Jordan, Prof. Andrew Douglas, Mr. George Lowe, Mr. Teddy Adolthe, Mr. Jeff Novak, a heartfelt thank you for making this event a successful one.

A special recognition and appreciation to Ms. Keiko Nakayama for designing the program.

**HONORS AND
EMERGING SCHOLARS
POSTER PRESENTATION**

**LEARNING COMMUNITIES
THEME-BASED
POSTER PRESENTATION**

WEDNESDAY, DECEMBER 7, 2011 · 11:00 AM - 4:00 PM

THURSDAY, DECEMBER 8, 2011 · 10:00 AM - 3:00 PM
Awards Ceremony at 12:30 PM

KLITGORD GYM

CONTENTS

Honors Courses	2
Honors Scholars Projects	5
Emerging Scholars Projects	9
Learning Communities Theme-Based Projects	13
Special Projects	14



Cultivating Fine Dining Etiquette - Prof. Fiona Williams
October 12, 2011



Designing a Research Poster Presentation - Dr. Cinda Scott
November 17, 2011

AWARDS CEREMONY

December 8, 2011
Klitgord Gym
12:30 PM

WELCOME

Dr. Janet Liou-Mark
Director of Honors Scholars Program

GREETINGS

Dr. Russell K. Hotzler
President

Dr. Bonne August
Provost & Vice President for Academic Affairs

Dr. Estela Rojas
Director of Learning Communities



The New York Aquarium
September 23, 2011

HONORS COURSES

MAT 1475H: Calculus I Honors

Prof. Satyanand Singh

Differentiability and a Peano Curve

Omar Abu Lubdeh, Edzer Alexis, Felipe Ascazubi, Wijaelit Duaqui, Willie Hernandez, Sead Kajoshaj, Robert Mohammed, Steven Moise Jr. Josiah Morales, Wurood Nomon, Licenia Pantaleon, Evelyn Perez, Edith Raiban Salazar, Dhaniram Ramlakhan, Salman Sakhi, Elvis Salvador, Justin Sealy, Kai Tam, and Andriy Unhuryan

Abstract:

A Peano curve will be generated. A study will be conducted on its differentiability both theoretically and with Maple.

LAW 4900H: Senior Legal Seminar Honors

Prof. Mary Sue Donsky

Famous American Trials

Jay Berman: Leopold and Loeb Trial
Ryan Condon: Charles Manson Trial
Lashauna Fisher: Salem Witchcraft Trial
Anne Huang: Lizzie Borden Trial
Petal Jarvis: Rosenberg Trial
Violetta Karl Borcan: Scottsboro Trials
Mandy McKinnon: Hauptmann (Lindbergh) Trial
Jennifer Mejia: Sacco-Vanzetti Trial
Crystal Mendez: Scopes Monkey Trial
Olga Ostrovskaya: Patty Hearst Trial
Kimber Warren: Triangle Shirtwaist Fire Trial
Samuel Williams: Chicago Seven Conspiracy Trial

Abstract:

Students investigated and prepared reports on famous trials in U.S. history. They looked into the facts of the case, the attorneys who represented the parties, interesting events that happened during the trial and the outcome of the case. They also explored their own thoughts about the verdict and whether the case would have been decided the same way today.



City Tech Women in STEM with Urban Assembly Institute of Math and Science for Young Women

LAW 4704H: Legal Technology Honors

Prof. Marissa J. Moran

Law, Privacy, and Technology Legal and Technology Gurus

Bethany Acevedo, Fanny Gerloven Chico, Verhay Gill-Lewis, Andrei Karneyeu, Belinda Lovelace, Ludean Maitland, Crystal Mendez, Cassandra Thakur, and Terel Watson

Abstract: Law, Privacy, & Technology

The United States of America provides many rights and freedoms for its citizens. The right to privacy, however, is not expressly mentioned in the United States Constitution, nor in any amendment to our country's constitution. Two great legal scholars, Samuel D. Warren and Louis D. Brandeis, wisely noted in their "*Right to Privacy Paper*," published in 1890 in Harvard Law Review, that privacy rights should be adapted to the needs of a society when they stated, "Political, social, and economic changes entail the recognition of new rights, and the common law in its eternal youth, grows to meet the new demands of society." Recent case law reveals, however, that what people have come to expect from the law in terms of their expectation of privacy may no longer be recognized in the digital age we now live in. The Legal Technology students drafted memoranda exploring the current state of the law as it relates to privacy in the age of technology and provided suggestions as to legal reform in this area. While conducting their research they reviewed articles in a Law & Technology Journal as well as the *Carnegie Mellon Research: Internet Privacy is Hard to Find* article.

Abstract: Legal & Technology Gurus

Steve Jobs has been dubbed "*the Inventor of the Future*." His creative style and business technology savvy allowed him to invent devices that touched the lives and sparked the imagination of people all around the world. Steve Jobs had a profound effect on technology information and the way people think about communicating. Similarly, many lawyers, judges, legal scholars, writers, and inventors have also left a lasting impression on the world with their unique accomplishments. In thinking about what these individuals have done to allow people from all parts of the world to think, imagine, and live their lives differently, the Legal Technology students drafted memoranda exploring the contributions that Jobs as well as others from the legal or technology areas have made to our society.



NASA GISS Columbia University with Urban Assembly Institute of Math and Science for Young Women, City Poly High School, and Middle School 394 - November 21, 2011

HONORS SCHOLARS PROJECTS



City Tech Women in STEM with Urban Assembly Institute of Math and Science for Young Women

The Effect of Volcanic Eruptions on Climate

Musaib Ahmed
Prof. Ashraf Mongroo
PHYS 1434: Physics 2.2

How Can We Control Combustion Inside a Heater System?

Jhonatan Alvizurez
Prof. Lukasz Sztaberek
ENVC 1210: Combustion Processes and Equipment

1...2...3...There Goes the PROPELLER!

Amirah Baksh
Prof. Edward Morton
EMT 2320: Advanced Mechanisms

Teenage Pregnancy and the Media's Influence on Today's Youth

Samah Bazar
Prof. Regina Robin
SOC 1101: Elements of Sociology

The Concept of Beauty - Fairy Tales

Tameika Bumbury
Prof. Regina Robin
SOC 1101: Elements of Sociology

From the Spread of Wildfire to the Spread of Contagion: Computational Insights with Monte Carlo Simulations

Alma Cabral-Reynoso
Prof. Boyan Kostadinov
MAT 3772: Stochastic Models

Fact or Fiction? Why do Airlines Overbook their Flights?

Christopher Chan
Prof. Satyanand Singh
MAT 2572: Probability and Mathematical Statistics I

Pneumatic Boxing Robot

Tony Chen
Prof. Piotr Bracichowicz
EMT 2320: Advanced Mechanisms

Arabic Poetry- A Historical Survey

Rhonda Lee Davis
Prof. Abdessadek Boumahchad
ARB 1102: Elementary Arabic II

Electronic Discovery

Susan Decker
Prof. Lise Hunter
LAW 2403: Legal Document Preparation

The Role of Vitamin D in Oral Health

Pamela Elena Estevez
Prof. Laina Karthikeyan
BIO 3302: Microbiology



Writing Abstracts for Research Projects
September 27, 2011



CUNY Supplemental Instruction Conference - Lehman College
October 7, 2011

Nonlinear Dynamics of a Bose-Einstein Condensate of Indirect Excitons in a Trap

Victor He
Prof. Oleg Berman and Prof. German Kolmakov
PHYS 1442: Physics II

Poverty in Myanmar

Zaw Myo Hein
Prof. Steve Panford
AFR 1502: Sociology of Urban Poverty

Computational Design of Microfluidic Devices to Segregate Compliant Objects

Fernando Hernandez
Prof. German Kolmakov
PHYS 1442: Physics II

Law, Privacy, & Technology and Legal & Technology Gurus

Anne Huang
Prof. Marissa Moran
LAW 4704: Legal Technology

Relationship between the CCR8 Receptor and Cancer

Karan Khosla
Prof. Nasreen Haque
BIO 3302: Microbiology

A Svelte Parametrization

George Kobakhidze
Prof. Satyanand Singh
MAT 2675: Calculus III

Computational Design of Microfluidic Devices to Segregate Compliant Objects

Samden Lama
Prof. German Kolmakov
PHYS 1442: Physics II

How Narrative Analysis can be Applied to Forensic Psychology

Rebecca Langer
Prof. Eric Rodriguez
PSY 2402: Psychology of Personality

Fact or Fiction? Why do Airlines Overbook their Flights?

Vivek Panneer
Prof. Satyanand Singh
MAT 2572: Probability and Mathematical Statistics I

Law, Privacy, & Technology and Legal & Technology Gurus

Karen Peters
Prof. Marissa Moran
LAW 4704: Legal Technology

Epidermiologic Picture of Tuberculosis in New York: With Special Focus in Brooklyn

Alketa Plaku
Prof. Liana Tsenova
BIO 3302: Microbiology

Endocrine Disrupting Chemicals and its Effects on Puberty and Reproduction

Alma Plaku
Prof. Sanjoy Chakraborty
BIO 2312L: Anatomy & Physiology II Lab

Is it Ever Too Late to Learn a Second Language?

Alicia Reznick
Prof. Niloufar Haque
BIO 2311: Anatomy and Physiology I

Are We More Microbes than Human Cells?

Sujata Saluja
Prof. Nasreen Haque and Prof. Niloufar Haque
BIO3302: Microbiology

The Role of Vitamin D in Oral Health

Shirley Sam
Prof. Laina Karthikeyan
BIO3524: Nutrition

Fact or Fiction? Why do Airlines Overbook their Flights?

Khalifa Sogue
Prof. Satyanand Singh
MAT 2572: Probability and Mathematical Statistics

Technologies for a Healthier Nigeria

Troy Thompson
Prof. Carol Brathwaite
MKT 2327: Entrepreneurship

Sophocles & Antigone: A Historical Context

Douglas Triglianos
Prof. Sara Schechter
ENG 3401: Law through Literature

Neurological Diseases in the United States

Gergana Uzunova
Prof. Nilofar Haque
BIO 2311: Anatomy and Physiology I

Statistical Modeling Using Java

Michael Walz
Prof. Eric Sabbah
CST 3513: Oop JAVA



The National Society of Collegiate Scholars Chapter Officers

The Poker Face Disease

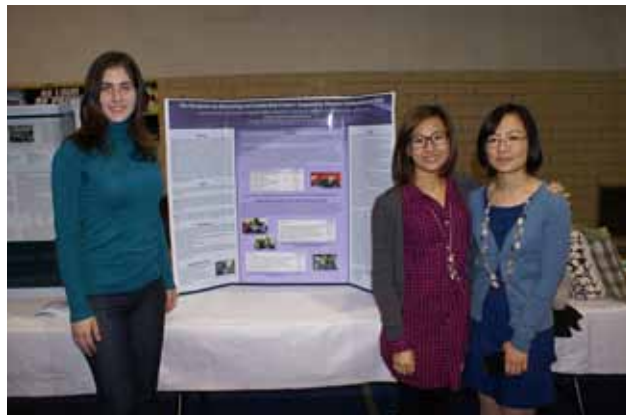
Aruna Woods
Prof. Niloufar Haque
BIO 2311L: Anatomy and Physiology I Lab

Monte Carlo Simulations on the Wave Nature of Light: Recreating the Interference Pattern Produced by Photons in Young's Double-Slit Experiment

Karmen Yu
Prof. Boyan Kostadinov
MAT 3772: Stochastic Models

From the Spread of Wildfire to the Spread of Contagion: Computational Insights with Monte Carlo Simulations

Yi Ming Yu
Prof. Boyan Kostadinov
MAT 3772: Stochastic Models



9th Annual Faculty and Student Research Poster Presentation
November 17, 2011



American Museum of Natural History
November 4, 2011

EMERGING SCHOLARS PROJECTS

2-D Polygon Smoothing: From Chaos to Order

Frank Aline
Prof. Boyan Kostadinov

Nonlinear Dynamics of a Bose-Einstein Condensate of Indirect Excitons in a Trap

Cynthia Augustin
Prof. Oleg Berman and Prof. German Kolmakov

African Cultural Survival Maintenance in African Diaspora

Evita Belmonte
Prof. Annie Ngana Mundeke

Epidermiologic Picture of Tuberculosis in New York: With Special Focus in Brooklyn

Maria Castillo
Prof. Liana Tsenova

Computational Group Theory and Applications to Cryptography

Damon Cham
Prof. Delaram Kahrobaei

Sustaining an Online Writing Program

Tamrah Cunningham
Prof. Reneta Lansiquot

Nonlinear Dynamics of a Bose-Einstein Condensate of Indirect Excitons in a Trap

Samuel Delegado
Prof. Oleg Berman and Prof. German Kolmakov

Computational Group Theory and Applications to Cryptography

Abourahamane Doukoure
Prof. Delaram Kahrobaei

The Effect of Pro-Argin Desensitizing Technology on Patients with Dentin Hypersensitivity

Laura Duran
Prof. Anty Lam

The Role of Vitamin D in Oral Health

Pamela Estevez
Prof. Gwen Cohen-Brown, Prof. Sanjoy Chakraborty,
Prof. Boris Gelman, and Prof. Laina Karthikeyan



Mid-Hudson Mathematics Conference - Bard College - Think Le
October 16, 2011

Pupillary Reactivity to Attractive and Repulsive Images

Brayan Feliz
Prof. Daniel Capruso

Phase Transitions in the Ising Model

Pierre Gedeon
Prof. Matthew Delgado

Sustaining an Online Writing Program

Elaine Green
Prof. Reneta Lansiquot

Nonlinear Dynamics of a Bose-Einstein Condensate of Indirect Excitons in a Trap

Victor He
Prof. Oleg Berman and Prof. German Kolmakov

Computational Design of Microfluidic Devices to Segregate Compliant Objects

Fernando Hernandez
Prof. German Kolmakov

The Standard Model of Particle Physics at the LHC

Salima Huseynova
Prof. Andrea Ferroglia

Computational Design of Microfluidic Devices to Segregate Compliant Objects

Ervin Ibragimov
Prof. German Kolmakov

Hydraulic Modeling of Sea Level Rise Predictions for New York State Coastal Bridges

Dawid Janik
Prof. Gerarda Shields

Stalin's Cold War Captives: Noel Field and the Fieldist Conspiracy, 1949-1955

George Kobakhidze
Prof. Kyle Cuordileone

Stalin's Cold War Captives: Noel Field and the Fieldist Conspiracy, 1949-1955

Ewelina Kosmaczewska
Prof. Kyle Cuordileone

Stalin's Cold War Captives: Noel Field and the Fieldist Conspiracy, 1949-1955

Piotr Koszko
Prof. Kyle Cuordileone

Computational Design of Microfluidic Devices to Segregate Compliant Objects

Samden Lama
Prof. German Kolmakov

Exploring and Conducting Applied Psychological Community Collaboration Research

Rebecca Langer
Prof. Eric Rodriguez

Sustaining an Online Writing Program

Sanjiv Latchman
Prof. Reneta Lansiquot

Computational Group Theory and Applications to Cryptography

Steven Lora
Prof. Delaram Kahrobaei

A Study on the Effects of Peer Assisted Learning Workshops for Undergraduates Enrolled in Lower-Level Mathematics

Connie Lu
Prof. Janet Liou-Mark

The Standard Model of Particle Physics at the LHC

John Martinez
Prof. Andrea Ferroglia

Variation in 18S Ribosomal DNA Sequence in Different Populations of *Zonocerus Variegatus*

MD Mofidul Hossain R. Mia
Prof. Olufemi Sodeinde

Study of the Rate of Hospital Acquired Infections around the World

MD Mofidul Hossain R. Mia
Prof. Maria Montes-Matias

The Role of Vitamin D in Oral Health

Gessel Morales
Prof. Gwen Cohen-Brown, Prof. Sanjoy Chakraborty,
Prof. Boris Gelman and Prof. Laina Karthikeyan

Nonlinear Dynamics of a Bose-Einstein Condensate of Indirect Excitons in a Trap

Pablo Mota
Prof. Oleg Berman and Prof. German Kolmakov

Meaning, Making and Emotion Writing: An Exploratory Study

Karen Neroulias
Prof. Jean Kubeck

Pupillary Reactivity to Attractive and Repulsive Images

Shaun Palmer
Prof. Daniel Capruso

Designing and Programming Three-Dimensional Virtual Modules

Brian Persaud
Prof. Reginald Blake and Prof. Reneta Lansiquot

Epidermiologic Picture of Tuberculosis in Brooklyn

Alketa Plaku
Prof. Liana Tsenova

Stalin's Cold War Captives: Noel Field and the Fieldist Conspiracy, 1949-1955

Daria Polenova
Prof. Kyle Cuordileone

Cloud Cryptography

Kelsey Rauber
Prof. Delaram Kahrobaei

Nonlinear Dynamics of a Bose-Einstein Condensate of Indirect Excitons in a Trap

Syedhamidreza Sadatian
Prof. Delaram Kahrobaei

Nonlinear Dynamics of a Bose-Einstein Condensate of Indirect Excitons in a Trap

Zeeshan Saroya
Prof. Oleg Berman and Prof. German Kolmakov

Stalin's Cold War Captives: Noel Field and the Fieldist Conspiracy, 1949-1955

Katarzyna Wojdyla
Prof. Kyle Cuordileone

Endocrine Disrupting Chemicals and Its Effects on Puberty and Reproduction

Tomar Yakov
Prof. Sanjoy Chakraborty

Computational Group Theory and Applications to Cryptography

Dennys Yambay
Prof. Delaram Kahrobaei

Pupillary Reactivity to Attractive and Repulsive Images

Dmytro Yanush
Prof. Daniel Capruso

Computational Group Theory and Applications to Cryptography

Yi Ming Yu
Prof. Delaram Kahrobaei

Designing for Disaster: Shelter Evolution

Tatiana Betancur
Prof. Illya Azaroff

Designing for Disaster: Shelter Evolution

Liz Molina
Prof. Illya Azaroff

Designing for Disaster: Shelter Evolution

Eric Soltan
Prof. Illya Azaroff

Designing for Disaster: Shelter Evolution

Anna Wnetrzak
Prof. Illya Azaroff

LEARNING COMMUNITIES THEME-BASED PROJECTS

An Architectural Learning Community

Prof. Paul C. King
Victor Agard, Talhaa Ahmed, Cindy Alonzo, Camile Brown, Yerina Contin Mendoza, Jordan Esson, Tina Fredericks, Jenny Garcia, Danilo Hernandez, Mark Knyazev, Martin Martinez, Evdoxia Mavroudis, Ronny Mora, Francisco Morales-Villa, Anthony Persaud, Jeffrey Rodriguez, Debora Tannenbaum, Nita Velasquez, and Syndi Wilkinson
ARCH 1200: Architectural Drawing II &
ARCH 1290: Architectural CAD

A "Shared Reading, Shared Experience, Shared Lunch"

Prof. John Akana, Karen Goodlad and Sean Scanlan
Ashley Allman, Laurie Battaglia, Richard Brunson, George Bueno, Ruth Cancela, Ginette Castillo, Maya Charles, Rebecca Charles, Yu-On Chui, Reyon Gittens, Kimbrey Gonzalez, Jose Hasing, Pamela Kurz, Kert Lasdoce, Jia Min Li, Kervin Mathieu, Jennifer Mora, Michael Pena, Tiziana Sacco, Stephen Saylee, Joralfy Severino, Antonio Tlapanco, Edyne Valembun, and Kelly Williams
HMGT1102, HMGT1101, and ENG1101

Fire! Disease! Disaster!: Catastrophe and the Shaping of Urban Space

Prof. Matt Gold and Sanjive Vaidya
Isaias Garcia, Kevin Valencia, Fernando Tejada, Ronny Andrade, Juliana Pipola, Miguel Lantigua, and Wandrille (Pierre) Boisset
ENG 1101: English Composition I, ARCH 1140: Materials in Architecture, and ARCH 1100: Architectural Drawing I

Telling Brooklyn Stories

Prof. Justin Davis and Jody R. Rosen
SPE 1330: Effective Speaking &
ENG 1101: English Composition I

Blind Justice

Prof. Rebecca Devers and Noel Garcia
ENG 1101: English Composition I &
LAW 1101: Introduction to Paralegal Studies

The Narrative of Computing

Prof. Reneta D. Lansiquot and Prof. Candido Cabo
Artificial Deity: Rebirth
Troy Cordice, Thomas Distefano, and Andy Persaud
Rendezvous

Walter Rada, Julio Bautista, Mark Card, Kamoliddinkhon Fazliddin, and Luis Hinojosa

Casa Amarilla

Victor Pruteanu, Ryan Balkaran, Steven Belendes, Avinda Persaud, and Fabrice Douillard

Friction

Nathan Yampolsky, Connie Lu, Carlos Oreza, Christian Ozoria, and Sandy Yu

Easter Escape

Alexey Prokopovich, Julian Martinez, Glen Owens, Andre Pennicot, and John Perez
ENG 1101: English Composition I &
CST 1101 and Problem Solving with Computer Programming

Organizing Committee:

Prof. Andrew Douglas and Estela Rojas

SPECIAL PROJECTS

Research Experiences for Undergraduates in Satellite and Ground-based Remote Sensing at NOAA-CREST 2

NSF REU Grant #1062934

Prof. Reginald Blake and Prof. Janet Liou-Mark

Evaluation of Cloud-top Height Estimates from MODIS Cloud-top Pressure

Folashade Alawiye

Spectral Analysis of Soil Moisture Time Series

Amelise Bonhomme

Clustering Analysis for Cloud and Surface Type Classification

Andrew Cole

Restoring Images of Band-6 on MODIS-AQUA

Bangalee Dolley

All Fiber Based Coherent Doppler LIDAR

Abdul Jalloh

Validation of a Flash Flood Guidance System Using Observed Flood Data

Juan Mejia

A Study of Cloud Properties Using GOES Thermal Infrared Sensors

Xiaoqian Pan

Numerical Modeling of Wind Driven Water Flow

Hussain Rifat

Open-Path FTIR Applications to Aerosol Dynamics

Pyo Sunyoung

Early Comparative Analysis of Chlorophyll-a Concentration Algorithms for Use in Coastal Water Retrievals

Avani Ogwaro

Exploring DMSP (Defense Meteorological Satellite Program) SSM/T2: Measurements to Understand Atmospheric Water Vapor Distribution

Marsha Ann Cadougan

Preliminary Analysis: Electricity Consumption Changes in California

Yanelly Molina



Peer Assisted Learning Peer Leaders

Metropolitan Mentors Network: Growing an Urban STEM Talent Pool across New York City

NSF STEP Grant #0622493

Identity Based Encryption

Daniel Bui

Prof. Delaram Kahrobaei

Level Solutions to Linear Diophantine Equations

Damon Cham

Prof. Satyanand Singh

Predicting Seemingly Esoteric Probabilistic Distributions by Simulations and Confirming their Validity by Theoretical Methods

Thinh Le

Prof. Satyanand Singh

Level Solutions to Linear Diophantine Equations

Elizabeth Mills

Prof. Satyanand Singh

Cloud Cryptography

Kelsey Rauber

Prof. Delaram Kahrobaei

A Study on Estimation of Computational Complexity in Codes and Algorithms

Dan Sadatian

Prof. Delaram Kahrobaei

Cloud Computing

Stephanie Trochez

Prof. Delaram Kahrobaei

Number Theory, Cryptography and Such!

Yi Ming Yu

Prof. Satyanand Singh

NSF Louis Stokes Alliances for Minority Participation (LSAMP) Program

Characterization of the Shock Table Test

Roy St. Furcy

Yapah Berry

Prof. Gaffar Gailani

Stability of Long Bone Implants

Roy St. Furcy

Allison Martin

Z-ay-va Lareche

Prof. Gaffar Gailani

Miniature Quadrocopters for Scene Understanding in Constrained Urban Areas

George A. Perez

Prof. Xiaohai Li

Determining Optical and Size Parameters of Aerosols Utilizing a Multi-Filter Rotating Shadowband Radiometer and Inter-Comparison with A CIMEL Sunphotometer

Antonio Aguirre
Prof. Viviana Vladutescu

Determination of Aerosol Optical Depth using a Micro Total Ozone Spectrometer II (MICROTOS II) Sun-Photometer

Agossa Segla
Prof. Viviana Vladutescu

**NASA-CIPAIR Grant
Designing Curriculum in Aerospace**

Yapah Berry
Sean Pratt
Olivia Reed
Prof. Gaffar Gailani

**MEDU 2901: Peer Leader Training
in Mathematics**

NSF STEP Grant #0622493, Black Male Initiative, and Perkins VTEA
Prof. AE Dreyfuss

How does the Peer Leader use different grouping strategies to help students work together?

Guochang Cen

How can peer learning aid students succeed academically in Math 1175?

Christopher Chan

How can a mathematics major help non-mathematics majors solve problems in sequential steps?

Tamika Hendricks

What workshop strategies can promote learning for students in Math1175?

Alketa Plaku

How can competition be used to improve students' problem-solving skills in Math workshop?

Suhua Zeng



DIMACS Summer 2011 REU Rutgers University
with Prof. Urmi Ghosh-Dastidar

PHYS 1112: Principles of Science II

Prof. Reginald Blake

Climate Change Impacts on Water Resources

Milca Perez (Captain), Mandesha Hamilton (Co-Captain), Hazel Nuez, Albert Padilla, Jhonathan Alarcon, Sharma Bruno, Lindsay Orton, Gloria Siguencia, Zhifei Zhao, Jennifer Lueng, and Bruce Douglas

Climate Change Impacts on Energy

Geraldine Aybar (Captian), Raymond Moussa (Co-Captain), Christopher Montalvo, Joel Cathey, Amy Maharaj, Alfredo Angomas, Preparim Balla, Jennifer Padilla, Abdelmadjid Ouldamar, Iktaer Uddin, Amine Hebbada, Luis Batista, and Hortensio Arrocha

Climate Change Impacts on Health

Ellen Moskowitz (Captain), Jorge Soriano (Co-Captain), Joseph Desdunes, Ryan Condon, Steven Somwaru, Christopher Noon, Alberony Hitchins, Olayinka Sarayi, Mitchel Severe, John Johnson, and Josue Saint-Louis

Development of the CNS

Daniela Gonzalez
Prof. Nasreen S. Haque and Prof. Niloufar Haque

**Learning, Memory and Behavioral Patterns:
An Experimental Study**

Rajvinder Kaur
Prof. Nasreen S Haque and Niloufar Haque

Atherosclerosis

Andrew McGill
Prof. Nasreen S Haque and Prof. Niloufar Haque

Childhood Disorders: Autism and ADHD

Laurdes Padilla
Prof. Nasreen S Haque and Niloufar Haque

Anterior Cruciate Ligament Injury

Addler K. Pluviose
Prof. Nasreen S Haque and Niloufar Haque

Can I Catch Alzheimer's Disease?

Linda Trapani
Prof. Nasreen S Haque and Prof. Niloufar Haque



NSF Research Experiences for Undergraduates in Satellite
and Ground-based Remote Sensing - August 11, 2011