

A P R I L 1 8 , 2 0 1 3

# 4th RESEARCH DAY

10 a.m.-5 p.m., The Atrium • [uresearch@york.cuny.edu](mailto:uresearch@york.cuny.edu) or 718-262-2812



STUDENT RESEARCH DAY 2013 LUNCHEON

## “Mouse Brain Architecture”



KEYNOTE SPEAKER—DR. PARTHA MITRA  
PROFESSOR, COLD SPRING HARBOR  
LABORATORY AND DIRECTOR, MITRALAB  
FACULTY DINING ROOM, 12-2PM

**YORK** College

**CU  
NY**

# UNDERGRADUATE RESEARCH PROGRAM

## *The Mission:*

*To promote and facilitate student engagement in research and other creative activities in order to demystify research, increase knowledge about its nature and methodologies, and secure competitive advantage for graduate and professional school and the workforce.*

## *Program Aims:*

- 1. Enable participation by undergraduate students in research and other creative activities in all disciplines and programs offered by the college.*
- 2. Provide opportunities for students to present papers, posters, and other research outputs at national & international conferences and events, compete for research funding, and publish their work.*
- 3. Enhance the competitiveness of students for graduate and professional schools and the workforce.*
- 4. Offer incentives for York College faculty members to mentor and collaborate with students in research and other creative arenas.*



# SCHEDULE

*Registration:*  
9:00 am-12:00 pm  
Atrium

*Poster Session I:*  
9:30 am-11:30 am  
2nd and 3rd Floor, Atrium

*Panel Session I:*  
10:30 am-11:20 am  
2A04, 2A15, 2B07, 2C07, 3B04

*Luncheon Session / Keynote Speaker:*  
Noon-2:00 pm  
Faculty Dining Room

*Poster Session II:*  
2:30 pm-4:30 pm  
2nd and 3rd Floor, Atrium

*Panel Session II:*  
2:30 pm-3:20 pm  
2A04, 2A15, 2B07, 2C07, 3B04

*Panel Session III:*  
3:30 pm-4:20 pm  
2A04, 2A15, 2B07, 2C07, 3B04

## MESSAGE FROM THE PROVOST

*Zora Neale Hurston provides a concise definition of research in saying "Research is formalized curiosity. It is poking and prying with a purpose."*



Zora Neale Hurston provides a concise definition of research in saying "Research is formalized curiosity. It is poking and prying with a purpose."

I've embraced this definition for decades, both because of its conciseness and because of who Hurston was and was not. She was an anthropologist and a noted author who wrote *Their Eyes were Watching God*, *Dust Tracks on a Road*, and other fascinating books; she was NOT a scientist. I stress this because there's a tendency among undergraduate students to associate research with the natural and applied sciences. But, as we know, there is and can be formalized curiosity in every field of study, and we aim to facilitate this across all disciplines within York.

This Fourth Annual Student Research Day builds on the experiences of the previous years. It's intended to showcase and celebrate the poking and prying with a purpose that some of our students have been engaged in, guided by their faculty mentors. Based on an evaluation of last year's event, this year we return to the Academic Core building to enable greater planned and unintentional engagement in Research Day activities by members of the college community.

As well, this year we continue two innovations begun last year: awards to recognize and incentivize faculty engagement in undergraduate research mentoring, and invitations to alumni in the New York-New Jersey area who went on to pursue research, teaching, and related careers. We also continue to make the Undergraduate Research Support Fund available for anyone to contribute to our students' research pursuits.

Research Day has involved incredible work by many people. Allow me to express special appreciation to outgoing Director of Undergraduate Research, Mathematics professor Rishi Nath; not only in relation to this event, but for his sterling leadership over the last three-and-a-half years. I look forward to equally sterling service by his successor, Psychology professor Robert Duncan. Thanks also to the members of the Undergraduate Research Advisory Council, the Student Government Association, Undergraduate Research and Honors Assistants Orlando Simpson and Anthony Garces, and many faculty and staff members involved in the planning and execution of this event.

Yet, important as Research Day is, it's not an end in itself, but part of a larger initiative that is being pursued with several aims in mind. These include deepening and widening student research/creative projects individually and within courses; and presenting those projects at disciplinary conferences and at meetings of the Council of Undergraduate Research and other entities. Moreover, we plan to pursue sponsored grant activity to facilitate such research, and establish a mentoring program to enable faculty to maximize the research guidance to students without neglecting their own research endeavors.

So, enjoy our Fourth Annual Student Research Day, a celebration of this year's labors of what might be called—keeping Zora Neale Hurston in mind—our Formalized Curiosity Program.

Pry on!!

--- Ivelaw Lloyd Griffith, Ph.D.

## *Message from the Director of the Office of Undergraduate Research*



*Dear York College Community:*

*It is my pleasure to welcome you to the 4th Annual Student Research Day at York College. This is the largest event on campus celebrating the research activities of our student body, and the mentorship of our faculty. Each of the four years has seen an increase in participants, and this year the registration figures have reached record numbers. Many congratulations to our community of scholars for this accomplishment.*

*Each year our luncheon session features several remarkable students. Robert Fernandez is a biology student who was accepted into the Biological and Biomedical Sciences Ph.D. program at Yale University; his advisor is Dr. Anne Simon. Mohammed Khatak, the President of the Aviation Club, is a senior in Aviation Management working with Dr. Chin-Hsu Pin. History major Robert Johnson is a member of the CUNY Pipeline program who works with Dr. George White. Valerie Roland is a senior and a Health Promotion Management major who works with Drs. Ray Marks and David Ajuluchukwu. We also have several Performing Arts majors performing a song from Dreamgirls.*

*We are pleased to welcome Dr. Partha Mitra, Professor at Cold Spring Harbor and Director of Mitralab, as our 2013 Keynote Speaker. Dr. Mitra will be speaking on his lab's cutting-edge research on "Mouse Brain Architecture." Dr. Mitra's cutting edge research is boosted by the recent announcement of a \$100 million investment in brain-mapping by the Obama administration. We thank Dr. Mitra for his willingness to speak to us.*

*Next year I will turn over the Directorship to Dr. Robert Duncan, Assistant Professor in Behavioral Sciences, who will continue to grow our program in new and dynamic directions. As I celebrate my final Student Research Day, I would like to thank Provost Ivelaw L. Griffith and the Office of Academic Affairs for the opportunity, the Student Research Advisory Council for their support and efforts, the Math Department for their support, and most especially my staff—Orlando Simpson and Tony Garces—for their prolonged and complete assistance and labors.*

*It has been a most rewarding experience.*

*Onwards and Upwards,*

*Dr. Rishi Nath*

*Director, Office of Undergraduate Research*

*Associate Professor, Department of Mathematics and Computer Science*

# KEYNOTE SPEAKER

*Partha Mitra*



Partha Mitra received his PhD in theoretical physics from Harvard in 1993. He worked in quantitative neuroscience and theoretical engineering at Bell Laboratories from 1993-2003 and as an Assistant Professor in Theoretical Physics at Caltech in 1996 before moving to Cold Spring Harbor Laboratory in 2003, where he is currently Crick-Clay Professor of Biomathematics. He is interested in developing an integrative understanding of complex biological systems from a “theoretical engineering” perspective, and has organized meetings and symposia on engineering or design principles in biological systems. His research currently combines experimental, theoretical and informatics approaches to gain an understanding of how brains work.

The Mitra lab works in close collaboration with research groups at other institutions, including NYU and Cornell Medical School, where Dr. Mitra is also an Adjunct Associate Professor. He is a fellow of the American Physical Society. Dr. Mitra is the author of a book (*Observed Brain Dynamics*) from the Oxford University Press, and has co-founded and co-directed summer courses at the Marine Biological Laboratories and the Cold Spring Harbor Laboratory on Neuroinformatics, Genome-Wide Data Analysis and Vertebrate Neuroanatomy. Some of his previous research work has been featured in major media outlets including the Economist.

Partha has performed in Roald Hoffman’s “Entertaining Science” series at the Cornelia Street Cafe and has also recently recorded an album of the songs of Rabindranath Tagore. He was the organizer of a series of public science lectures at the New York Public Library (Science Soirees at the STBL). In collaboration with sculptor Fre Ilgen, he has produced artistic renditions of nervous system architecture.



# LUNCHEON SESSION

## *Welcome Remarks*

*Rishi Nath,  
Director of the Office of Undergraduate Research*

*Ivelaw Lloyd Griffith  
Provost and Senior Vice-President for Academic Affairs*

*Marcia V. Keizs  
President*

## *Student Panels*

*Robert Fernandez  
Department: Biology  
School: Arts & Sciences  
Advisor: Dr. Anne Simon*

*Mohammad Khatak  
Department: Accounting & Finance  
School: Business and Information Systems  
Advisor: Dr. Chun-Pin Hsu*

*Robert Johnson  
Department: History and Philosophy  
School: Arts & Sciences  
Advisor: Dr. George White*

*Valerie Roland  
Department: Health & Physical Education  
School: Health & Behavioral Sciences  
Advisors: Drs. David Ajuluchukwu and Ray Marks*

## *Musical Selection*

*Sabrina Thomas, Shatiek Johnson  
Shakeerah Fredericks, Randy Houston  
Erick Carter, Gabrielle Calixte  
Professor Johnathan Quash*

## *Keynote Address*

*Dr. Partha Mitra,  
Crick-Clay Professor of Biomathematics,  
Cold Spring Harbor Laboratory*

## *Special Recognition:*

*Carl Ballenas, Immaculate Conception School*

*Closing Remarks and Mentor Awards:  
Provost Ivelaw Griffith*

# PANELS

## Panel Session I: 10:30 am-11:20 am

“Ever Upward and Onward”: The Science of Healing, Growing, and Communication” (2C07 Conf. Room)

Moderator: Prof. Rebecca Rivera-Maestre

Presenters: Swatanter Polce, Patrick Menzies, Glorimar Cepada, Adesanya Akinleye, Emmanuel Ourum

The Look of Money: Modern Trends in Business and Design (2B07 Conf. Room)

Moderator: Prof. Oladije Oladipo

Presenters: Muhtar Solola, Sunday Adeboye, Leoncio Perez

“A Woman’s Eye”: Women and Detective Fiction (2A15 Conference Room)

Moderator: Prof. Phebe Kirkham

Presenters: Olatinuke Bello, Timoy Lumley

Which Side are You On?: The Battle Over Rights and Politics (African American Resource Centr. 3B04)

Moderator: Prof. Michael Sharpe

Presenters: Paul Adetola, Ashley Torres, Christina Maharaj, Vierka Vasquez, Chayenne Aguayo, Antonnete Smile, Symantha Rhodes, Ana Martinez

## Panel Session II: 2:30 pm-3:20 pm

Security Monitoring for Wireless Forensics (2C07 Conf. Room)

Moderators: Prof. Lidia Gonzalez & Prof. Shweta Jain

Invited Speaker: Dr. Li Ping, John Jay

All God’s Children Got Travellin’ Shoes: Language, Culture, and History (2B07 Conf. Room)

Moderator: Prof. Hamid Bahri

Presenters: Michael Timmons, Muhaned Mohamed, Shirley Jackson, Robert Johnson

Shadowed Pictures: The Language of Memory and Experience (2A15 Conference Room)

Moderator: Prof. Shereen Inayatulla

Presenters: Ekaete Ekpenyong, Farhana Abdullhusein, Alana Duguid, Judith Davenport

The “Life” of Music: Ethnomusicological Currents (2A15 Conference Room)

Moderator: Prof. Tom Zlabinger

Presenter: Clay Stephon, Dehnia Duplan, Bayo Fayemi, Dominique Jones, Steven Morris, Melanie Pierre, Ayush Prasad, Chandra Roopnarine, Scott Sethna, Felesha Singh, Kunal Singh, Kristen Smith

Writing Radio News in Germany and Jamaica, Queens: York College’s Bavarian Connection (Room 2A04)

Moderator: Prof. Tom Moore

Presenters: Fahima Chowdhury, Justin Diaz, Raymond Mora, Katherine Ortiz, Ciji Thomas

## Panel Session III: 3:30 pm-4:20 pm

Art & Amp: The Sound of Video Games (2C07 Conf. Room)

Moderators: Prof. Tom Zlabinger & Prof. Sarah Gillespie

Presenters: Kenisha Hart, Justin Hemingway, Alfred Parsard, Bawb Rodney, Bayo Fayemi, Kimmy Sarmiento, Jon Serneo, Ryan Sukhdeo

Fly Me to the Moon: Aviation and Advertising in the Business World (2B07 Conf. Room)

Moderator: Prof. Chun-Pin Hsu

Presenters: Karen Bessy, Faisal Shahim, Mohammed Khattak

Multiple Psycho-Social Research Measures of Alienation: Student Research in Social Work (2A15 Conference Room)

Moderator: Prof. Vadim Moldovan

Presenters: KrystalBella Murname-Victorelli, Irene Hanna, LaChanda Moor

Assimilation, Integration, and Selling Out: What’s Literature Got To Do With It (Room 3B04)

Moderator: Prof. Mychel Namphy

Presenters: Feyad Mohammed, Kashfi Fahim, Joshua Carrington, Irshaad Ishmail, Anthony Ruiz



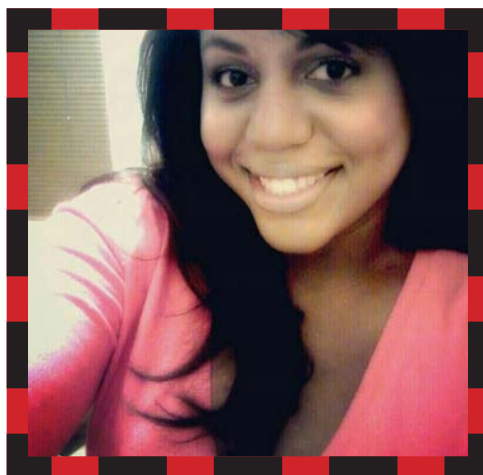
## FEATURED STUDENTS

*Muhammad Khattak*



*Muhammad Khattak, born in Peshawar, Pakistan, is pursuing a Bachelor of Science in Aviation Management as a senior at York College of The City University of New York. He relocated to the United States at about age of 13 years old to actualize the "American Dream". Muhammad's ultimate goal is to earn the most superior academic degree in the field of business. Currently, his academic background is focused on business and aviation related fields. The extensive training in these fields has earned him a cumulative GPA of 3.8 and given him many of the skills important for the success of his career.*

*Valerie Roland*



*My name is Valerie Roland, and I live in Brooklyn, New York. I'm a senior at York College Jamaica, NY. My major is Health Promotion Management with a minor in psychology. I will be graduating September 2013. My interests have been my schoolwork and my team, as I am the captain of the women's tennis team. My future goal is to start a career in the health field as a director in nutrition and sports. I am a huge fan of tennis, so hopefully I can do both health and tennis.*

## FEATURED STUDENTS

*Robert Johnson*



Robert Johnson is currently a senior at York College majoring in History and will be graduating at the end of May 2013. Robert plans to continue his education by attending Graduate School to obtain a Ph.D. in American History with a concentration in 20th Century American Imperialism. After Graduate School, Robert would like to pursue a career as a History Professor and he would like to contribute to decreasing people's deficiency in their knowledge of history. One of Robert's guiding principles is that no goal is worth obtaining without some challenges. Robert's faith in God has sustained him through the many challenges that he has faced and will continue to sustain him as he faces newer challenges. Besides academics, Robert Johnson is currently a mentor for the One Hundred Black Men Association at the Bronx Eagle Academy and he is a videographer and media specialist for his Church.

*Robert Fernandez*



Born in Lima, Peru, Robert Fernandez, a York Biotechnology Major, his younger brother and their parents, came to the United States in 1994 when he was four years old. The family settled in Elizabeth, New Jersey. He graduated with honors from Union Community College in Cranford, New Jersey with an associate's degree in Business. He then spent a year at Queens College but transferred to York the following year in 2010. After his first semester at York, Fernandez founded the Biotechnology Club at the college in order to help guide students through their major and inform them on the opportunities available at York.

# *Student Research Projects*

*By Majors & Faculty Mentors:*

## *Accounting (BS)*

Kereese Thompson

Dr. Olajide Oladipo

“Corporate Frauds And The Role Of Auditors”

## *Anthropology (BA)*

Nicole Jackson

Dr. William Divale

“Redefining Masculinity: The Gender Shift Of The Stay-At-Home Parent And What It Means To Be A Stay-At-Home-Dad”

## *Art History (BA)*

Kenisha Harty

Dr. Tom Zlabinger

“Sound Of Video Games”

Bawb Rodney

Dr. Tom Zlabinger

“Sound of Video Games”

## *Aviation Management (BS)*

Anna Anoszko-Turnier

Dr. Olajide Oladipo

“The Implications Of The Global Financial Crisis On Aviation Sector”

Sorely Belliard-Cepeda  
Dr. Olajide Oladipo  
“What Is Nextgen And How Is It Going To Benefit The Aviation Industry”

Brian Broadbelt  
Dr. Chun-Pin Hsu  
“The Impact Of The 2008 Financial Crisis On Aviation:  
An Empirical Study Of Delta Air Lines”

Javier Cadena  
Dr. Chun-Pin Hsu  
“The Impact Of The 2008 Financial Crisis On Aviation:  
An Empirical Study Of Delta Air Lines”

Sadia Imran  
Dr. Chun-Pin Hsu  
“Is The Merge Better Off? An Empirical Study Of Southwest Airlines”

Muhammad Khattak  
Dr. Chun-Pin Hsu  
“Is The Merge Better Off? An Empirical Study Of Southwest Airlines”

Harold Martin  
Dr. Chun-Pin Hsu  
“Can Fuel Hedge Add Value On Airlines? An Empirical Study Of Four Major Us Carriers”

Eun Chan Mok  
Dr. Chun-Pin Hsu  
“Can Fuel Hedge Add Value On Airlines? An Empirical Study Of Four Major Us Carriers”

Cheick Sako  
Dr. Chun-Pin Hsu  
“Can Fuel Hedge Add Value On Airlines? An Empirical Study Of Four Major Us Carriers”

Faisal Shahim  
Dr. Olajide Oladipo  
“Gulf Based Airlines Ambitions And Its Implications On Its  
Customers And Competitors In Europe And The United States”

Faisal Shahim  
Dr. Chun-Pin Hsu  
“Low Cost Airlines Influence On Asean Aviation Industry”

Davinder Singh  
Dr. Chun-Pin Hsu  
“Is The Merge Better Off? An Empirical Study Of Southwest Airlines”

Muhtar Solola  
Dr. Olajide Oladipo  
“Small Business And Economic Growth”

Fawwad Toor  
Dr. Chun-Pin Hsu  
“Is The Merge Better Off? An Empirical Study Of Southwest Airlines”

## *Biology (BA-BS)*

Samavia Ahmed  
Dr. Anne Simon  
“Green Flourscent Protein”

Samavia Ahmed  
Dr. Margaret MacNeil  
“Epithelium”

Samavia Ahmed  
Dr. Elizabeth Alter  
“Effects Of Chemicals On The Reproductive Organs Of Male And Female Fish”

Adesanya Akinleye  
Dr. Anne Simon  
“Moving Boundaries: Investigating The Genetic Basis  
Of Individual Space In The Fruit Fly”

Jack Alexis  
Dr. Anne Simon  
“Alcohol Tolerance In Drosophila”

Charles Ariza  
Dr. Anne Simon  
“Deception”

Clerol Austrie  
Dr. Margaret MacNeil  
“Muscles”

Mirza Avdovic  
Dr. Laura Beaton  
“Acclimatization Of Various Competitors To G.Pulchella”

Poroma Babu  
Dr. Margaret MacNeil  
“A Study Into The Many Histological Features Of  
The Cardiovascular Organs Of The Human Body”

Minelva Best  
Dr. Laura Beaton  
“Alleopathy Effect Of Garlic (Crushed And Bulb) On  
Lettuce And Radish Seed Germination”

Petra-Simone Britton  
Dr. Margaret MacNeil  
“Connective Tissue Fibers And Cells”

Petra-Simone Britton  
Dr. Laura Beaton  
“Air Pollution And Its Effects On Evasive And Native Plants”

Bianca Brown  
Dr. Laura Beaton  
“How Nitrogen Levels Affect Competition Between Coreopsis  
Lanceolata And Cichrorium Intybus”

Bianca Brown  
Dr. Elizabeth Alter  
“Investigating How Hydrological Conditions In The Lower Congo Have  
Shaped Speciation Events Of The Fish Taxa There Using The Species Mastacembelus Brichardi.”

Sabrina Chaudhry  
Dr. Margaret MacNeil  
“Female Reproductive Organs”

Samual Chowdhury  
Dr. Margaret MacNeil  
“Endocrine Organs”

Carla-Ann Davis  
Dr. Margaret MacNeil  
“The Effects Of Kcl And Ethamol On The Frog’s Heart Rate”

Carla-Ann Davis  
Dr. Anne Simon  
“Introduction Of RNAi Results In A Dumpy  
Phenotype In Wild Caenorhabditis Elegans”

Abraham Dickey Iii  
Dr. Francisco Villegas  
“Intracranial Self-Stimulation And Neurogenesis In  
A Rat Model Of Alzheimer’s Disease”

Alana Duguid  
Dr. Shereen Inayatulla  
“The Death Of Death”

Juliana Falla  
Dr. Anne Simon  
“Introduction Of RNAi Results In A Dumpy  
Phenotype In Wild Caenorhabditis Elegans”

Omar Feliciano, Bianca Brown, & Charandy Jean Baptiste  
Dr. Laura Beaton  
“How Nitrogen Availability Affects Competition”

Omar Feliciano  
Dr. Anne Simon  
“Using Drosophila Melanogaster As A Model To  
Quantify Abnormal Social Behavior”

Stacy Ferreira  
Dr. Laura Beaton  
“Air Pollution And Its Effects On Invasive And Native Plants”

Dienane Fleurival  
Dr. Anne Simon  
“Nutritional Intake In Young Adults Explained By  
Having Specific Genotypes Of Tas2r38”

Aiesha Gani  
Dr. Margaret Macneil  
“Bone Formation”

Nathanael Gasilan  
Dr. Anne Simon  
“Green Fluorescent Protein”

Nora Hassan  
Dr. Anne Simon  
“Deception”

Juan Hernandez  
Dr. Anne Simon  
“Introduction Of RNAi Results In A Dumpy  
Phenotype In Wild Caenorhabditis Elegans”

Jack Alexis  
Dr. Anne Simon  
“Happy Hour Gene”

Vidya Jagmohan  
Dr. Margaret MacNeil  
“The Small And Large Intestines”

Charandy Jean Baptiste  
Dr. Gerard McNeil  
“Consed And Finishing Project Of Drosophila Fosmid”

Charandy Jean Baptiste  
Dr. Anne Simon  
“Alcohol Tolerance In Drosophila Melanogaster Fruit Flies”

Charandy Jean Baptiste  
Dr. Anne Simon  
“Alcohol Tolerance In Drosophila Melanogaster Fruit Flies.”

Charandy Jean Baptiste  
Dr. Laura Beaton  
“How Nitrogen Levels Affect Competition Between  
Coreopsis Lanceolata And Cichrorium Intybus”

Nalini Jeet  
Dr. Laura Beaton  
“How Herbivores Are Affected By Plant Defense Whether Natural Or Induced.”

Saria Karim  
Dr. Laura Beaton  
“How Do Queen Anne’s Lace And Sweet Joe Pye Weed  
Affect The Growth Of Garlic Mustard?”



Johana Kutrolli  
Dr. Anne Simon  
“Social Behavior Response To Mutations Of Neuroligin-3  
In Drosophila Melanogaster”

Johana Kutrolli  
Dr. Margaret MacNeil  
“Blood”

Rachel Martin  
Dr. Laura Beaton  
“Competition Changes How Plants Invest In Herbivore Defense”

Rachel Martin  
Dr. Margaret MacNeil  
“The Effects Of Kcl And Ethanol On Heart Rate”

Arun Mathew  
Dr. Laura Beaton  
“Effect Of Acid Precipitation On Plant Growth”

Arun Mathew  
Dr. Margaret MacNeil  
“Histology Of The Stomach”

Stephanie Midy  
Dr. Laura Beaton  
“The Effects Of Acid Precipitation On Plant Growth”

Ximena Miranda  
Dr. Anne Simon  
“Nutritional Intake In Young Adults Explained By Having  
Specific Genotypes Of Tas2r38”

Ashlee Mitchell  
Dr. Margaret MacNeil  
“The Inspection Of The Male Reproductive Organs”

Husain Momand  
Dr. Margaret MacNeil  
“Histology Of The Urinary System”

Gessica Montreuil  
Dr. Laura Beaton  
“Herbivory And Plant’s Defense”

Randa Nassar  
Dr. Margaret MacNeil  
“Form And Function Of The Human Tongue”

Irram Nawaz  
Dr. Laura Beaton  
“Alleopathy Effect Of Garlic (Crushed And Bulb)  
On Radish And Lettuce Seeds Germination”

Marat Nurilov  
Dr. Anne Simon  
“Social Behavior Response Due To Pharmacological Manipulation  
Of Dopamine In Drosophila Melanogaster”

Nicholas Obertis Jr  
Dr. Margaret MacNeil  
“Imagery, Function And Characteristics Of The Liver And Gall Bladder.”

Nigora Pellegrino  
Dr. Laura Beaton  
“Seed Dispersal”

Alexa Ramsay  
Dr. Anne Simon  
“Nutritional Intake In Young Adults Explained By  
Having Specific Genotypes Of Tas2r38”

Makiini Rusell  
Dr. Laura Beaton  
“The Effects Of Acid Precipitation On Plant Growth”

Kseniia Rusinova  
Dr. Anne Simon  
“Alcohol Tolerance In Drosophila Fruit Flies.”

Kseniia Rusinova  
Dr. Gerard MacNeil  
“Annotation Of The Drosophila Biarmipes Genes Cg32016 And Mglura”

Kristina Sarabjit  
Dr. Margaret MacNeil  
“Can You Feel It In Your Bones?”

Samreen Shah  
Dr. Margaret MacNeil  
“Understanding The Skin”

Lloyd Succes  
Dr. Anne Simon  
“Green Fluorescent Protein”

Nizam Talukdar  
Dr. Elizabeth Alter  
“Hemigrapsus Sanguineus Genetic Comparison For  
Evolutionary Trends In North America”

Chosum Tashi  
Dr. Laura Beaton  
“Herbivory And Plant Defense”

Adacia Teemal  
Dr. Laura Beaton  
“The Allelopathic Effects Of Allaria Petiolata  
(Garlic Mustard) On Native Plant Species”

Adacia Teemal  
Dr. Laura Beaton  
“The Allelopathic Effects Of Queen Anne’s Lace And  
Sweet Joepye Weed On The Invasive Plant Garlic Mustard”

Ann Vega  
Dr. Anne Simon  
“Alcohol Tolerance In Drosophila  
By: Happy Hour Gene Group”

Canersheir Walters  
Dr. Margaret MacNeil  
“Respiratory Organs”

Ibrahim Wardak  
Dr. Margaret MacNeil  
“Atlas Of The Nephron”

Farah Younas  
Dr. Laura Beaton  
“Seed Dispersal”

# *Biotechnology (BS)*

Robert Fernandez

Dr. Anne Simon

“Using *Drosophila Melanogaster* As A Model To  
Quantify Abnormal Social Behavior”

Robert Fernandez

Dr. Gerard Mcneil

“Using Fosmid Clones To Edit Low Quality Sequences  
Of The Fourth Chromosome In *Drosophila Ananassae*”

Rabina Lakha

Dr. Gerard Mcneil

“Analyzing Sequences In The Dot Chromosome Of *Drosophila Ananassae*.”

Roshan Lama

Dr. Gerard McNeil

“Consed And Finishing Project Of *Drosophila* Fosmid”

Nuria Lemus

Dr. Gerard McNeil

“Sequence Improvement Of The *Drosophila Ananassae* Dot Chromosome”

Janet Long

Dr. Elizabeth Alter

“Comparative Phylogeographic Study Of *Fundulus*  
*Heteroclitus* Along The Eastern Coast.”

Patrick Menzies

Dr. Louis Levinger

“Isoforms Of Human Trnase Z1, A Candidate  
Prostate Cancer Susceptibility Protein.”

Patrick Menzies

Dr. Gerard Mcneil

“Sequence Improvement Of 36-Kilobase Region Of *Drosophila*  
*Ananassae* Chromosome 4 Using A Finishing Tool Called Consed”

Shivani Patel

Dr. Gerard Mcneil

“Analyzing Of The Dna Sequence Of The Dot (4Th)  
Chromosome Of The *Drosophila Ananassae*”

Qilong Song  
Dr. Gerard Mcneil  
“Sequence Improvement Of 36-Kilobase Region Of Drosophila  
Ananassae Chromosome 4 Using A Finishing Tool Called Consed”

Tom Thomas  
Dr. Gerard Mcneil  
“Analyzing Of The Dna Sequence Of The Dot (4Th)  
Chromosome Of The Drosophila Ananassae”

Dexter Thomas  
Dr. Gerard Mcneil  
“Sequence Improvement Of The Drosophila Ananassae Dot Chromosome”

Bibin Thomas  
Dr. Gerard Mcneil  
“Using Fosmid Clones To Edit Low Quality Sequences Of The Fourth  
Chromosome In Drosophila Ananassae”

Yolander Valentine  
Dr. Gerard Mcneil  
“Analyzing Sequence In The Dot Chromosome Of Drosophila Ananassae”

## *Business Administration (BS)*

Sunday Adeboye  
Dr. Olajide Oladipo  
“Trends Of Gun Violence In The United States”

Sunday Adeboye  
Dr. Olajide Oladipo  
“Trends Of Gun Violence In The United States.”

Apiseh Ayafor  
Dr. Olajide Oladipo  
“European Financial Crisis: Case Study Of Greece”

Karen Bessy  
Dr. Chun-Pin Hsu  
“Does Alcohol Advertising Induce Underage Youths Exposure To Drinking?”

Carolyn Daley  
Dr. Olajide Oladipo  
“Small Businesses, Capital Structure, And A Changing Economy”

Joanne Dorange  
Dr. Olajide Oladipo  
“Unemployment Trends In Haiti: 1970-2012”

Haseeb Hussain  
Dr. Olajide Oladipo  
“The Effect Of Outsourcing On The U.S. Economy”

Amandip Kuar  
Dr. Olajide Oladipo  
“Unemployment In The United States: 1980 -2011”

Sana Malik  
Dr. Olajide Oladipo  
“Foreign Direct Investment (Fdi), Exports And Economic Growth In Mexico”

Leoncio Perez  
Dr. Samuel Ghelli  
“The Influence Of Italian Automotive Design In The America: Past And Present.”

Hemat Sinanan  
Dr. Olajide Oladipo  
“Mortgage Fraud And The Financial Crisis Of 2007-2009”

Stephanie Sylla  
Dr. Olajide Oladipo  
“The Impact Of Human Capital Development On Economic Growth”

## *Chemistry (BA-BS)*

Kashem Aziz  
Dr. Emmanuel Chang  
“Analysis Of Ascorbic Acid.”

Niruban Balasingam  
Dr. Emmanuel Chang  
“Determination Of Ascorbic Acid In Vitamin C Tablet.”

Maciej E Domaradzki  
Dr. Stephen Fearnley  
“Synthetic Approaches To Gephyrotoxin”

Rehana Hassan  
Dr. Emmanuel Chang  
“Analysis Of Ascorbic Acid By Titration Methods”

Katsiaryna Hud  
Dr. Emmanuel Chang  
“Analysis Of Ascorbic Acid Using Different Methodologies”

Katsiaryna Hud  
Dr. Yolanda Small  
“It’s Raining Math: What Are The Mathematical Tools  
Used To Describe Quantum Mechanics?”

Robert Lapo  
Dr. Stephen Fearnley  
“Intramolecular Friedel-Crafts Annulations Mediated By Silicon”

Muhaned Mohamed  
Dr. Hamid Bahri  
“Studying The Language, Culture, And History  
Of The World’s Second Leading Economy.”

Kendra Pamphille  
Dr. Emmanuel Chang  
“Analysis Of Ascorbic Acid Via Different Methodologies”

Rinku Prithiani  
Dr. Deb Chakravarti  
“Development Of An Experimental Protocol To Study The Effect Of  
Exercise On Immunosenescence In An Aging Minority Population”

Debra Whorms  
Dr. Yolanda Small  
“Conceptual Quantum Mechanics: The Atomistic  
Perspective To Understanding Reacting Species”

Ayatt Musid  
Dr. Annabel Dsouza  
“Robert Noyce Scholar Program  
Mast Scholars Program Effective Teaching”

# *Communications Technology (BS)*

Shakeerah Fredericks  
Dr. Tom Marion  
“Family, From Dreamgirls”

Alfred Parsard  
Dr. Tom Zlabinger  
“Sound Of Video Games”

Ryan Sukhdeo  
Dr. Tom Zlabinger  
“Sound Of Video Games”

# *Community Health Education (BS)*

Marjorie Corrielas  
Dr. Ray Marks  
Dr. David Ajuluchukwu  
“Obesity And Blood Pressure Profiles Of York Students:  
Data From The York College Health Promotion Center”

Adelina Espinoza  
Dr. David Ajuluchukwu  
“A Profile Of Health Indicators For Homeless Population In Jamaica, Queens”

Stephane Labossiere  
Dr. Nicholas Letteney  
Dr. Susan Grosskopf  
“Race-Based Sexual Stereotyping And Partnering Preferences Among  
Men Who Have Sex With Men (Msm) In New York City”

Stephane Labossiere  
Dr. Nicholas Letteney  
Dr. Susan Grosskopf  
“Social Networks & Hiv Risk Behavior: Using Respondent-Driven  
Sampling To Recruit A Diverse Sample Of Men Who Have Sex With Men In New York City”



Alecia Ortiz  
Dr. Ray Marks  
Dr. David Ajuluchukwu  
“Obesity And Blood Pressure Profiles Of York Students:  
Data From The York College Health Promotion Center”

Sheena Reid  
Dr. Ray Marks  
Dr. David Ajuluchukwu  
“Obesity And Blood Pressure Profiles Of York Students:  
Data From The York College Health Promotion Center”

Valerie Roland  
Dr. Ray Marks  
Dr. David Ajuluchukwu  
“Obesity And Blood Pressure Profiles Of York Students:  
Data From The York College Health Promotion Center”

Djaze Serikpa  
Dr. Ray Marks  
Dr. David Ajuluchukwu  
“Obesity And Blood Pressure Profiles Of York Students:  
Data From The York College Health Promotion Center”

## *Computer Science (BS)*

Sandeep Jadoonanan  
Dr. Shao-Ying Hua  
“A Cerebellum Circuit That Detects Motor Errors”

Sandeep Jadoonanan  
Dr. Parisa Babaali  
“Observing Partitions In Random Sequential Automata”

## *Economics (BA)*

Hongqian Mao  
Dr. Olajide Oladipo  
“Foreign Direct Investment On Economic Growth: A Case Study Of China”

# *English (BA)*

Olatinuke Bello

Dr. Phebe Kirkham

“Veronica Mars: The Modern Day Sleuth”

Glorimar Cepeda

Dr. Xin Bai

“How Smart Are You? V.S How Are You Smart?”

Judith Davenport

Dr. James Papa

“Memoir: Nine Eleven”

Kashfi Fahim

Dr. Mychel Namphy

“Between The Reds And The Whites:  
The Interstitial Existence Of The Literate Native American”

Zomayra Jack

Dr. Xin Bai

“Private School Vs. Public School”

Timoy Lumley

Dr. Phebe Kirkham

“The Female Sleuth: More Than A Man Less Than A Woman”

Samantha Morales

Dr. Phebe Kirkham

“Erasing Borders: Reconstructing Gender Roles  
In Latina-American Detective Fiction”

# *Environmental Health Science (BS)*

Bitu Adabi

Dr. Ratan Dhar

“Water Pollution Biology: Effect Of Urbanization On Creeks In Queens.”

Olusola Aremu

Dr. Ratan Dhar

“Spatial Variability Of Nutrient Concentrations In The  
Jamaica Bay Area, Western Long Island , New York”

Latoya Bailey

Dr. Ratan Dhar

“Spatial Variability Of Nutrient Concentrations In The  
Jamaica Bay Area, Western Long Island , New York”

Jesmin Bhuyan

Dr. Ratan Dhar

“Water Pollution Biology: Effect Of Urbanization On Creeks In Queens.”

Ana Chavez

Dr. Ratan Dhar

“Microbial Mobilization From Urban Soils To Lakes And Ponds”

Oboerhiri Emofowah

Dr. Ratan Dhar

“Microbial Mobilization From Urban Soils To Lakes And Ponds”

Yeimy Gil

Dr. Ratan Dhar

“Microbial Mobilization From Urban Soils To Lakes And Ponds”

Ezazul Haque

Dr. Ratan Dhar

“Heavy Metal Uptake By Green Algae During Removal  
Of Nutrients From New York City Waste Water”

Ezazul Haque

Dr. Ratan Dhar

“Spatial Variability Of Nutrient Concentrations In The  
Jamaica Bay Area, Western Long Island , New York”

Ricardo Jules  
Dr. Ratan Dhar  
“Water Pollution Biology: Effect Of Urbanization On Creeks In Queens.”

Mirlyne Pauljajoute  
Dr. Ratan Dhar  
“Microbial Mobilization From Urban Soils To Lakes And Ponds”

Junior Roberts  
Dr. Ratan Dhar  
“Spatial Variability Of Nutrient Concentrations In The  
Jamaica Bay Area, Western Long Island , New York”

Junior Smith  
Dr. Ratan Dhar  
“Water Pollution Biology: Effect Of Urbanization On Creeks In Queens.”

## *Geology (BS)*

Ruksana Alladeen  
Dr. Ratan Dhar  
“Portable X-Ray Fluorescence (Xrf) Spectrometry: A Rapid And  
Reliable Method To Monitor Elemental Signature Of Environmental Samples”

Ruksana Alladeen  
Dr. Nazrul Khandaker  
“Sedimentology And Geochemical Investigations Of The Exposed  
Ordovician-Devonian Sedimentary Rocks, Rosendale, New York”

Jonelle Brown  
Dr. Hamid Bahri  
“Be A Citizen Of The World”

Jonelle Brown  
Dr. Nazrul Khandaker  
“Sedimentology And Geochemical Investigations Of The Exposed  
Ordovician-Devonian Sedimentary Rocks, Rosendale, New York”

Jonelle Brown  
Dr. Ratan Dhar  
“Physical Characterization Of Soils To Understand The Aquifer  
Properties Of Upper Glacial Aquifer”

Fredy Calle  
Dr. Nazrul Khandaker  
“Sedimentology And Geochemical Investigations Of The Exposed  
Ordovician-Devonian Sedimentary Rocks, Rosendale, New York”

Saije David-Gray  
Dr. Nazrul Khandaker  
“Chemical Analysis Of Hawaiian Beach Sands:  
Provenance Implications”

Mostafa Elbasal  
Dr. Nazrul Khandaker  
“Provenance Implications Of Beach  
Sand Composition, Southern Trinidad”

Ribah Francois  
Dr. Ratan Dhar  
Groundwater Quality And Contaminant Migration Along  
The Flow Path In Upper Glacial Aquifers Of South East Queens”

Precious Gooden  
Dr. Ratan Dhar  
“Groundwater Quality And Contaminant Migration Along  
The Flow Path In Upper Glacial Aquifers Of South East Queens”

Matthew Greco  
Dr. Ratan Dhar  
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Matthew Greco  
Dr. Nazrul Khandaker  
“Chemical Analysis Of Hawaiian Beach Sands:  
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Chiemeka Ihebom  
Dr. Samuel Ghelli  
“Factors That Caused The Slow Death Of Italian Soccer”

Chiemeka Ihebom  
Dr. Nazrul Khandaker  
“Environmental Measurements From Direct Solar Radiation:  
Transparent Vs. Translucent Atmosphere, Steamboat Springs, Colorado”

Shirley Jackson  
Dr. Nazrul Khandaker  
“Chemical Analysis Of Hawaiian Beach Sands:  
Provenance Implications”

Shirley Jackson  
Dr. Hamid Bahri  
“Aventura En Patagonia”

Ahmed Khydor  
Dr. Ratan Dhar  
“Apatite And The Environmental Effect Of Fluoride”

Ahmed Khydor  
Dr. Nazrul Khandaker  
“Sedimentology And Geochemical Investigations Of The Exposed  
Ordovician-Devonian Sedimentary Rocks, Rosendale, New York”

Waldemar Klencher  
Dr. Nazrul Khandaker  
“Chemical Analysis Of Hawaiian Beach Sands:  
Provenance Implications”

Jennifer Lovell  
Dr. Nazrul Khandaker  
“Sedimentology And Geochemical Investigations Of The Exposed  
Ordovician-Devonian Sedimentary Rocks, Rosendale, New York”

Hernando Martinez-Sacristan  
Dr. Ratan Dhar  
“Morphogenesis”

*“Research is formalized curiosity. It is poking and prying with a  
purpose.”*  
*--Zora Neale Hurston*



Hernando Martinez-Sacristan  
Dr. Stanley Schleifer  
“Tectonics, Igneous, And Sedimentary Activities Flanked By  
New Jersey And Connecticut During Jura-Triassic”

Rakan Muazeb  
Dr. Nazrul Khandaker  
“Chemical Analysis Of Hawaiian Beach Sands:  
Provenance Implications”

Rakan Muazeb  
Dr. Ratan Dhar  
“Physical Characterization Of Soils To Understand The  
Aquifer Properties Of Upper Glacial Aquifer”

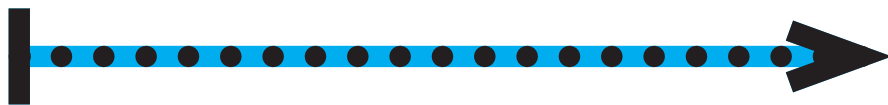
Rodrigue Payen  
Dr. Nazrul Khandaker  
“Environmental Measurements From Direct Solar Radiation:  
Transparent Vs. Translucent Atmosphere, Steamboat Springs, Colorado”

Roselina Quadros  
Dr. Nazrul Khandaker  
“Sedimentology And Geochemical Investigations Of The Exposed  
Ordovician-Devonian Sedimentary Rocks, Rosendale, New York”

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Dr. Nazrul Khandaker  
“Sedimentology And Geochemical Investigations Of The Exposed  
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*“We are what we repeatedly do. Excellence then, is not an act but a  
habit.”*

*--Aristotle*



Jermaine Richards

Dr. Ratan Dhar

“Physical Characterization Of Soils To Understand The Aquifer Properties Of Upper Glacial Aquifer”

Jermaine Richards

Dr. Nazrul Khandaker

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Rael Rupnaraine

Dr. Ratan Dhar

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Rael Rupnaraine

Dr. Nazrul Khandaker

“Provenance Implications Of Beach Sand Composition, Southern Trinidad”

Leah Scott-Samuel

Dr. Nazrul Khandaker

“Provenance Implications Of Beach Sand Composition, Southern Trinidad”

Chabilall Seepaul

Dr. Nazrul Khandaker

“Provenance Implications Of Beach Sand Composition, Southern Trinidad”

Chabilall Seepaul

Dr. Ratan Dhar

“Physical Characterization Of Soils To Understand The Aquifer Properties Of Upper Glacial Aquifer”

Indira Sulaiman

Dr. Nazrul Khandaker

“Provenance Implications Of Beach Sand Composition, Southern Trinidad”

Muyiwa Taiwo

Dr. Ratan Dhar

“Physical Characterization Of Soils To Understand The Aquifer Properties Of Upper Glacial Aquifer”

Aihab Zaben

Dr. Ratan Dhar

“Nitrate Contamination In Groundwater Of Upper Glacial  
Aquifer Of South- East Queens, New York City”



# *Gerontological Studies & Services (BS)*

Meesha Hassan

Dr. Francisco Villegas

“Intracranial Self-Stimulation And Neurogenesis In A Rat Model Of Alzheimers Disease”

# *History (BA)*

Robert Johnson

Dr. Michael Efthimiades

“The Role Of A Global Superpower: Examining The True Objectives Of The United States During The Cold War Era”

Feyad Mohammed

Dr. Martin Atangana

“From Africa As Slaves, To The World As Elites”

Michael Timmons

Dr. Hamid Bahri

“From Middle Village To The Middle Kingdom.”

# *Information Systems Management (BS)*

Kathia Dedry

Dr. Olajide Oladipo

“Information Technology And Economic Growth”

Emmanuel Ourum

Dr. Shweta Jain

“Experimental Study Of The Impact Of Multi-Radio Interference In The 2.4Ghz Ism Band.”

# *Marketing (BS)*

Ndeye Awa Kaba

Dr. Olajide Oladipo

“Youth Unemployment Trends In Senegal : 1970 - 2012”

Thamar Simpson

Dr. Olajide Oladipo

“The Relationship Between Openness, Trade And Economic Growth Of Jamaica”

# *Mathematics (BA-BS)*

Yonghong L Mcdowell  
Dr. Annabel Dsouza

“How Might We Create A Math Curriculum With The Real Life Application To Increase Appreciation On Mathematics?”

Yonghong L Mcdowell  
Dr. Lindamichelle Baron

“How The 7Th Graders Use Language In Their Conversion.”

Yonghong L Mcdowell  
Dr. Farley Mawyer

“American Mathematical Monthly Problem 11589”

Jessica Rubio  
Dr. Ratan Dhar

“Groundwater Quality And Contaminant Migration Along The Flow Path In Upper Glacial Aquifers Of South East Queens”

# *Medical Technology (BS)*

Naomi Okamura  
Dr. Shereen Inayatulla

“An Understanding Of Inequality Over The Infertility Treatment”

# *Movement Science (BS)*

Brian Jimenez  
Dr. Galila Werber-Zion

“The Effects Of High-Intensity-Interval-Training Vs. Low-To-Moderate-Intensity Training On Body Composition In Obese Young Adults”

# *Music (BA)*

Dehnia Duplan  
Dr. Tom Zlabinger  
“Ethnomusicology”

Bayo Fayemi  
Dr. Tom Zlabinger  
“Sound Of Video Games”

Bayo Fayemi  
Dr. Tom Zlabinger  
“Ethnomusicology”

Dominique Jones  
Dr. Tom Zlabinger  
“Ethnomusicology”

Steven Morris  
Dr. Tom Zlabinger  
“Ethnomusicology”

Sarabeth Pierre  
Dr. Xin Bai  
“Talk To Me”

Melanie Pierre  
Dr. Tom Zlabinger  
“Ethnomusicology”

Ayush Prasad  
Dr. Tom Zlabinger  
“Ethnomusicology”

Scott Sethna  
Dr. Tom Zlabinger  
“Ethnomusicology”

Kunal Singh  
Dr. Tom Zlabinger  
“Ethnomusicology”

Clay Stephon  
Dr. Tom Zlabinger  
“Ethnomusicology”

# *Nursing (BS)*

Iddan Brown

Dr. Margaret Alexandre

“The Importance Of Technology In Improving Nursing Care.”

Maria Divito

Dr. Margaret Alexandre

“The Role Of Technology And How It Can Improve Nursing Care.”

Khrystia Gratia

Dr. Anne Simon

“Deception”

Mery Mustafa

Dr. Margaret Alexandre

“How The Immersion Of Technology Into The Healthcare Setting Has Influenced Nurses In Clinical Practice And In Education.”

Natalie Velasco

Dr. Margaret Alexandre

“How Technology Is Improving The Nursing Profession In The Field And Classroom”

Laryssa Zephir-Toussaint

Dr. Margaret Alexandre

“The Role Of Technology And How It Can Enhance Nursing Care And Education”

# *Occupational Therapy (BS/MS)*

Kennara Campbell

Dr. Lillian Kaplan

“Shooting For Success!: The Effect Of Knowledge Of Results On The Performance Of Sling Shooting”

Jason Sarsoza

Dr. Beverly Horowitz

“Occupational Therapy Student And Practitioner Views About Gerontology /Geriatric Practice”

Alejandra Montejo

Dr. Lillian Kaplan

“Shooting For Success; The Effect Of Knowledge Of Results On The Performance Of Sling Shooting”

# *Pharmaceutical Sciences (BS)*

Roger Brooks

Dr. Deb Chakravarti

“The Journey Of Lipitor: From A Blockbuster To A Generic  
And The Recent Manufacturing Problems”

Epson Cetoute

Dr. Deb Chakravarti

“Compounding Pharmacies: Dire Need For FDA Oversight”

Smita Chandan

Dr. Yolanda Small

“Dawn Of New Era:how The Deficiencies Of Classical  
Physics Gave Way To Quantum Mechanics”

Smita Chandan

Dr. Emmanuel Chang

“Comparison Of Ascorbic Acid Analysis”

Mobolaji Giwa

Dr. Deb Chakravarti

“The Public Health Burden Of Counterfeit And Substandard Drugs”

Mobolaji Giwa

Dr. Emmanuel Chang

“Comparison Of Ascorbic Acid Concentration Using Different Methodology Of Analysis”

Mobolaji Giwa

Dr. Yolanda Small

“Conceptual Quantum Mechanics: The Atomistic  
Perspective To Understanding Reacting Species”

Ibrahim Halilu

Dr. Deb Chakravarti

“Oxycodone: Uses And Abuses”

Falguni Islam

Dr. Deb Chakravarti

“Safety Of Food Products: Detection Of Microbial Contamination And Pesticide Residues”

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Dr. Deb Chakravarti

“Development Of An Experimental Protocol To Study The Effect Of  
Exercise On Immunosenescence In An Aging Minority Population”

Mohammad Islam  
Dr. Deb Chakravarti  
“Tylenol: Think Twice Before You Take”

Fatema Khaton  
Dr. Deb Chakravarti  
“Vitamin D: Importance And Regulation Of Proper Dose”

Anessia Nagesar  
Dr. Deb Chakravarti  
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Dr. Emmanuel Chang  
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Affiong Ntekim  
Dr. Deb Chakravarti  
“Safety Of Food Products: Detection Of Microbial  
Contamination And Pesticide Residues”

Ridhish Patel  
Dr. Emmanuel Chang  
“Titration Of The Ascorbic Acid”

Kakoli Paul Chowdhury  
Dr. Emmanuel Chang  
“Analysis Of Ascorbic Acid By Titration”

Kakoli Paul Chowdhury  
Dr. Deb Chakravarti  
“Vitamin D: Importance And Regulation Of Proper Dose”

Alisa Rafiudeen  
Dr. Emmanuel Chang  
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Dr. Yolanda Small  
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Mostafizur Rahaman  
Dr. Deb Chakravarti  
“Tylenol: Think Twice Before You Take”

Tshering Sherpa  
Dr. Deb Chakravarti  
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Marcus Taylor  
Dr. Emmanuel Chang  
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Marcus Taylor  
Dr. Deb Chakravarti  
“The Public Health Burden Of Counterfeit And Substandard Drugs”

Andres Yopez  
Dr. Deb Chakravarti  
“Compounding Pharmacies: Dire Need For Fda Oversight”

## *Philosophy (BA)*

Stephal Aban  
Dr. Howard Ruttenberg  
“The Essence Of Democracy”

# *Physician Assistant (BS)*

Temitayo Akintunde  
Dr. Nicholas Grosskopf  
Dr. Susan Letteney

“Social Networks & Hiv Risk Behavior: Using Respondent-Driven Sampling  
To Recruit A Diverse Sample Of Men Who Have Sex With Men In New York City”

Devasrie Bose  
Dr. Deb Chakravarti

“Safety Of Food Products: Detection Of Microbial Contamination And Pesticide Residues”

Ekaete Ekpenyong  
Dr. Shereen Inayatulla  
“College Value And The Individual”

Elizabeth Franco  
Dr. Francisco Villegas  
“Intracerebroventricular Infusions Of Amyloid  $\hat{I}^2$ -Peptides  
Causing Memory Deficits And Alterations In Sleep-Wake Patterns”

Mikhail Shalamov  
Dr. Anne Simon  
“Introduction Of Rnai Results In A Dumpy  
Phenotype In Wild Caenorhabditis Elegans”

# *Physics (BS)*

Angelina Almonte  
Dr. James Popp  
“Muon Beamline Studies For The Mu2e Experiment At Fermilab”

# *Political Science (BA)*

Paul Adetola  
Dr. Michael Sharpe  
“Constraints Of Political Dissent?”

Cheyenne Aguayo  
Dr. Robin Harper  
“Giving Nature Rights In America-Can It Be Done?”



Valerie Littleton  
Dr. Humid Bahri  
“Candomble: An Afro-Brazilian Spiritual Experience”

Swatanter Polce  
Dr. Lidia Gonzalez  
“Logical Reasoning And Its Relationship To Child Development.”

Symantha Rhodes  
Dr. Humid Bahri  
“Candomble: An Afro-Brazilian Spiritual Experience”

Atnonette Smile  
Dr. Michael Sharpe  
“What Limits Jamaica Economical And Political Progress?”

Ashley Torres  
Dr. Michael Sharpe  
“Development: Does It Rely On Who You Know?”

Vierka Vasquez  
Dr. Michael Sharpe  
“Understanding The Contentious Iran: What Sustains The Iranian Revolutionary Regime?”

## *Psychology (BA)*

Farhana Abdulhusein  
Dr. Shereen Inayatulla  
“Blindly Trusting Professionals.”

Farhana Abdulhusein  
Dr. Francisco Villegas  
“Cognitive Test In Rat Model Of Alzheimer’s Disease”

Rose Anzele  
Rose Anzele  
“The Deception- Genetically Modified Foods”

Amanda Aponte  
Dr. Robert Duncan  
“Using Art Therapy To Improve Self-Esteem In Students At-Risk For Depression”

Melissa Balgobin  
Dr. Francisco Villegas  
“Intracranial Self-Stimulation And Neurogenesis In A Rat Model Of Alzheimer’s Disease”

Qaimah Barakzai

Dr. Kristin Davies

“The Role Of Sympathy And Understanding In Respect For Outgroups”

Bilal Bashir

Dr. Robert Duncan

“Panic Attackers! A Card Game To Educate Students About Anxiety Disorders.”

Kelly Borges

Dr. Ian Hansen

“Liberalism And Conservatism Still The Same At High Moral Volume”

Savbtrie Budhu

Dr. Ian Hansen

“Imagining Different Societal Divides Affects People’s  
Willingness To Sign An Anti-Torture Petition”

Maricela Calle

Dr. Kristin Davies

“Perceptions Of Caring, Trust And Importance In Cross-Group Friendship”

Cynthia Castro

Dr. Francisco Villegas

“Cognitive Test In Rat Model Of Alzheimer’s Disease”

Porshia Cook

Dr. Robert Duncan

“Brain Slap! A Fast-Paced Card Game Designed To Teach Neuroanatomy”

Abraham Dickey Iii

Dr. Ian Hansen

“The Instability Of Political Conservatism: Conservatives Trade-Off Religiosity  
And Authoritarianism When Imagining Different Societal Divides”

Alina Duguid

Dr. Ian Hansen

“Support For Torture: The Moral Divide Or The Political Divide”

Danielle Grant

Dr. Francisco Villegas

“Cognitive Test In Rat Model Of Alzheimer’s Disease”

Aisha Hamid

Dr. Robert Duncan

“Using Game Mechanics To Teach Applied Behavioral Analysis”

Alcides Hernandez

Dr. Francisco Villegas

“Testing Cognitive Functions Using A Rat Model Of Alzheimer’s Disease”

Marlinda King

Dr. Ian Hansen

“Left, Right And Psychopathic: The Relationship Of Psychopathy To Ideology, Religion, Values And Policies”

Monica Kumar

Dr. Shereen Inayatulla

“War Investments”

Nefertidi Linton

Dr. Kristin Davies

“Self-Expansion And Perceptions Of Friendship Longevity”

Nefertidi Linton

Dr. Ian Hansen

Moral Seriousness, Religiosity, And Conservatism: Understanding Their Relationship To Values

Troy Mahabir

Dr. Ian Hansen

“Adopting A More “Advanced” Moral Viewpoint Takes Conservatism Closer To Religiosity And Further From Authoritarianism And Social Dominance”

Christina Maharaj

Dr. Ian Hansen

“Moral Unity Between Liberals And Conservatives Increases The Negative Relationship Between Religiosity And Support For Torture”

Monique Maitland

Dr. Francisco Villegas

“Cognitive Test In Rat Model Of Alzheimer’s Disease”

Shaffon Mcdaniel

Dr. Hamid Bahri

“The Cape Experience Building Community One Country At A Time...”

Sade Mcintosh

Dr. Robert Duncan

“Restaurant Rockstar! A Game To Improve Health Literacy In College Freshman”

Harsh Mehta

Dr. Robert Duncan

“Using Game Mechanics To Improve Performance On Tasks Related To Cognitive Biases”

Tracy Mejia

Dr. Francisco Villegas

“Intracranial Self-Stimulation And Neurogenesis In A Rat Model Of Alzheimer’s Disease”

Christie Nicholas

Dr. Kathariya Mokruue

“The Relationship Between Living Arrangements And Willingness To Seek Formal Help For Psychological Distress In Young Adults”

Rudolf Nisanov  
Dr. William Ashton  
“Online Social Presence On Educational Outcomes In Online Group Discussions”

Rudolf Nisanov  
Dr. Nicholas Grosskopf  
Dr. Susan Letteney  
“Race-Based Sexual Stereotyping And Partnering Preferences Among  
Men Who Have Sex With Men (Msm) In New York City”

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Diverse Sample Of Men Who Have Sex With Men In New York City”

Juliana Novoseletsky  
Dr. Robert Duncan  
“Using Game Mechanics And Electroencephalography To Improve Retention”

Juliana Novoseletsky  
Dr. Kristin Davies  
“The Impact Of Extraversion On Including A Friend In The Self-Concept”

Oluwatoyin Orepitan  
Dr. Francisco Villegas  
“Intracranial Self-Stimulation And Neurogenesis In A Rat Model Of Alzheimer’s Disease”

Lauralee Parham  
Dr. Kathariya Mokrue  
“If Help Is Offered, Why Won’t Males Accept It?”

Prianka Parmar  
Dr. Ian Hansen  
“Ideology And Atrocity: Understanding The Complex Relationship  
Between Politics, Morality And Support For Torture”

Prianka Parmar  
Dr. Kristin Davies  
“Perceptions Of Personal Similarity In Same-Race Versus Cross-Race Friendships”

Stutee Patel  
Dr. Francisco Villegas  
“Testing Cognitive Functions Using A Rat Model Of Alzheimer’s Disease”

Jessenia Pena  
Dr. Ian Hansen  
“What Drives Torture: Punishment Or Information?”

Anila Persaud  
Dr. Kathariya Mokruue  
“The Relationship Among Sources Of Stress, Psychological Distress,  
And Coping Among Urban College Students”

Richard Rogers  
Dr. Ian Hansen  
“How Does Support For Torture Change, When People Reshape Their Perceptions Of A Society’s  
Cultural-Moral And Political Divide, From Liberal-Vs-Conservative To Moral-Vs-Immoral?”

Fazana Shariff  
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Kristen Smith  
Dr. Tom Zlabinger  
“Ethnomusicology”

Esther Sosa  
Dr. Francisco Villegas  
“Cognitive Test In Rat Model Of Alzheimer’s Disease”

Liz Tang  
Dr. William Ashton  
“Transgressor’s Intentions On Perceptions Of The Victim’S Injury: Priming Just World Beliefs.”

Jamel Travis  
Dr. Francisco Villegas  
“Intracerebroventricular Infusions Of Amyloid  $\beta^2$ -Peptides Causing Memory  
Deficits And Alterations In Sleep-Wake Patterns”

Corine Washington  
Dr. Kristin Davies  
“An Investigation Of Sympathy, Respect, And Support For Traditionally Disadvantaged Groups”

Cindy Zhou  
Dr. Francisco Villegas  
“Intracranial Self-Stimulation And Neurogenesis In A Rat Model Of Alzheimer’s Disease”

## *Social Work (BS)*

Irene Hanna  
Dr. William Divale  
“Multiple Psycho-Social Research Measures Of Alienation: Student Research In Moldova”

Lachanda Moor  
Dr. Vadim Moldovan  
“Multiple Psycho-Social Research Measures Of Alienation: Student Research In Moldova”

Krystalbella Murnane-Victorelli  
Dr. Vadim Moldovan  
“Multiple Psycho-Social Research Measures Of Alienation: Student Research In Moldova”

Krystalbella Murnane-Victorelli  
Dr. Beth Rosenthal  
“Use Of Counseling And G.P.A. Among College Students”

Anemanie Ram  
Dr. Beth Rosenthal  
“Use Of Counseling And G.P.A. Among College Students”

Christopher Rohit  
Dr. Nicholas Grosskopf  
Dr. Susan Letteney  
“Social Networks & Hiv Risk Behavior: Using Respondent-Driven Sampling To Recruit A Diverse Sample Of Men Who Have Sex With Men In New York City”

Alexandra Thakkar  
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“Social Networks & Hiv Risk Behavior: Using Respondent-Driven Sampling To Recruit A Diverse Sample Of Men Who Have Sex With Men In New York City”

Alexandra Thakkar  
Dr. Nicholas Grosskopf  
Dr. Susan Letteney  
“Spiritual Experience, Outness And Gay Identity Affirmation  
In A Select Sample Of Urban Same-Sex Attracted Men”

Debora Toussaint  
Dr. Deborah Majerovitz  
“Weight, Body Image, And The Cultural Meaning Of Food”

# *Sociology (BA)*

Nikita Augustine

Dr. Beth Rosenthal

“Upper Respiratory Illness Among College Students”

Cynthia Castro

Dr. Beth Rosenthal

“Use Of Counseling And G.P.A. Among College Students”

Bianca Drew

Dr. Beth Rosenthal

“Upper Respiratory Illness Among College Students”

Urmi Ghosh

Dr. Ratan Dhar

“Detection Of Fecal Indicative Bacteria (Fib) In An Urban Environment Of  
Bowne Pond Park At Flushing, New York City, Usa”

# *Speech Communication & Theatre Arts (BA)*

Erica Boyce

Prof. Tom Marion

“Tuskegee Airmen Primary Sources”

Shtiek Johnson

Prof. Tom Marion

“Family, From Dreamgirls”

Cookie Larode

Prof. Tom Marion

“Tuskegee Airmen Primary Sources”

Sabrina Thomas

Prof. Tom Marion

“Family, From Dreamgirls”

Leatrice Whitney

Prof. Tom Marion

“Tuskegee Airmen Primary Sources”

# *Undeclared*

Mayra Alvarracin  
Dr. Xin Bai  
“The Effects Of Technology In Cognition”

Brian Benjamin  
Dr. Xin Bai  
“The Effects Of Technology On Cognition”

Justin Hemingway  
Dr. Tom Zlabinger  
“Sound Of Video Games”

Chandra Roopnarine  
Dr. Tom Zlabinger  
“Ethnomusicology”

Kimmy Sarmiento  
Dr. Tom Zlabinger  
“Art & Sound Of Video Games”

Jonathan Serneo  
Dr. Tom Zlabinger  
“Art And Sound Of Video Games”

Felesha Singh  
Dr. Tom Zlabinger  
“Ethnomusicology”



*“Not everything that can be counted counts, and  
not everything that counts can be counted”*

*--Albert Einstein*



# ALUMNI RESEARCH AWARD:

*Carl Ballenas*



*From the ancient glaciers to slavery, Carl Ballenas knows Queens. Born in Brooklyn, Ballenas moved to Queens as a toddler in 1965 and never left. “Everything in Queens fascinated me,” he says. Carl later attended York College when “there were no buildings”, and graduated, going on to teach. Now a history teacher at the Immaculate Conception School in Jamaica Estates, he has written several books on local history, even involving his students in the research and fact-finding.*

*Through Arcadia Publishing’s “Images In America” series, Ballenas has published books on the adjacent Southeast Queens neighborhoods of Richmond Hill, Kew Gardens (and its famed cemetery, Maple Grove), Jamaica, and Jamaica Estates. Although these places now look very different—Kew Gardens is mostly co-ops and high rises, while Jamaica Estates is home to large, Victorian mansions—they were originally part of one community, Jamaica. The process of how land was acquired from local Native American tribes and then parceled out to various developers is something Ballenas and his students in the Thomas Aquinas Honor Society explore in their books on Jamaica and Jamaica Estates.*

*We acknowledge Carl Ballenas for his 33 years of teaching, for his continued mentorship of Queens students, and for his invaluable research on the hidden history of our communities.*

*Illustration courtesy of yrdoingagreatjob.com*

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Marcia Moxam Comrie, Writer/Editor, Institutional Advancement  
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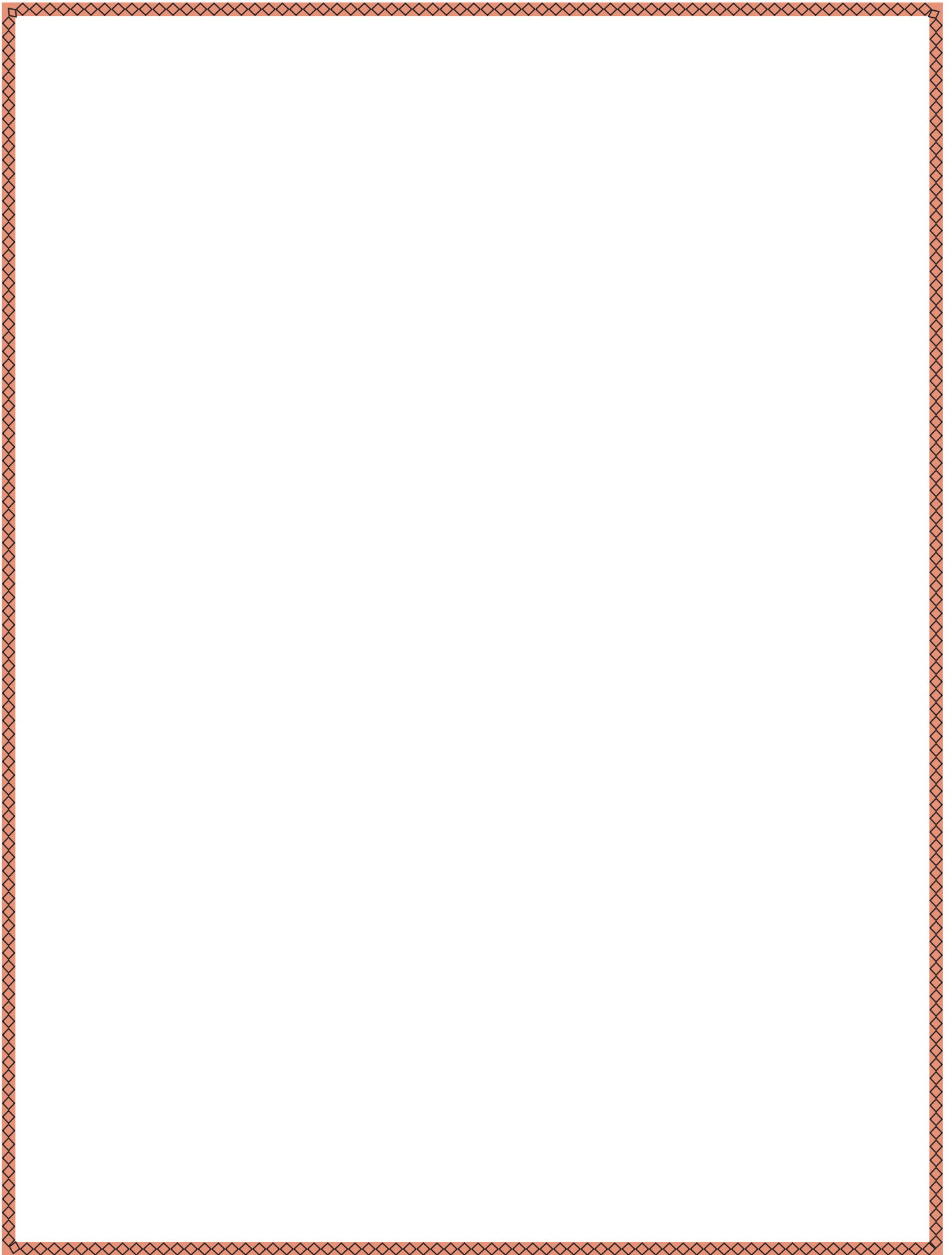
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# ABOUT YORK

York College is organized into three Schools: the School of Arts & Sciences, the School of Business & Information Systems, and the School of Health & Behavioral Sciences. Each of the Schools focuses on a set of related programs and departments, and gives expression to the College's mission. The School of Arts & Sciences provides students with the opportunity to obtain an excellent education in the arts, humanities, mathematics, and the natural sciences. The School of Business & Information Systems introduces students to all of the fundamental business disciplines, then allows them a wide range of choices when selecting their major field of study. Finally, the School of Health & Behavioral Sciences provides a diverse student population with programs that have received national recognition and professional accreditation.

York College offers B.A. and B.S. degrees in over 44 different liberal arts, sciences, and professional majors, including English, History, Spanish, Music, Biology, Chemistry, Psychology, Journalism, Physician Assistant, Pharmaceutical Sciences, Nursing, Aviation Management, and Communications Technology, as well as the combined B.S./M.S. in Occupational Therapy. The College is distinguished not only for offering a variety of majors and minors in almost every discipline but also for bringing professional programs in business, accounting, information systems management, teacher education, generic nursing, social work and allied health sciences to traditionally underserved populations.

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Centrally located in Queens, York College's 8,200 students represent a cross section of New York City's diverse population and hail from more than 117 different countries of birth and speak 79 different native languages. Approximately 40 percent of our students study part-time. A senior college of the City University of New York, York College offers a variety of scholarships, both merit and retention, through the York College Foundation, Student Government Association, and Auxiliary Enterprises, Inc.

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