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Panel Presentations

9:00 a.m.

Constructing Meaning: Contemporary Institutional Architectures 402

Center for Protest: The Social and Architectural Developments of the Student Union in 1960s America.
Sakina Namazi *Advisor:* Carla Yanni

The Artist in the Museum: Two Representations of Charles Willson Peale at the Pennsylvania Academy of Fine Arts
Josephine La Bella *Advisor:* Tanya Sheehan

Mythologies and Marked Bodies 410AB

Girodet's "Sleep of Endymion"
Sarah Filik *Advisor:* Susan Sidlauskas

Henry Fuseli: Paintings that Transformed William Shakespeare's A Midsummer Night's Dream
Michelle Rosenberg *Advisor:* Susan Sidlauskas

Monsters and the Golden Age in Shakespeare
Caroline Mannaerts *Advisor:* Thomas Fulton

Nikki S. Lee's "Parts": Narratives of Nostalgia and the Photographic Memory
Kimberly Roode *Advisor:* Andres Zervigon

Producing/Consuming Sexual Identities 407

"American Smile": Negotiating Work and Life in a New Jersey Strip Club
Emily Brickner *Advisor:* Robert O'Brien

Consuming Belly Dance: Producing Identity
Julia Dranov *Advisor:* Robert O'Brien

Diasporic Navigations: Sexual Identities Amongst Pakistani-American Females
Jesse Zatlhoff *Advisor:* Jasbir, K. Puar

Sex and the City: A Disruption to the American Male Gaze
Katelyn Michaud *Advisor:* Julie Rajan

Religion and Art History 411AB

Illuminating the Darkness in the Work of Caravaggio: A Reconsideration of the Absolutist Notion of Spiritual Darkness as Evil
Hanoch Sheps *Advisor:* Catherine Puglisi
Tangut Influence During the Yuan Dynasty at the Cave Temple of Feilaifeng
Runxiao Zhu *Advisor:* Angela Howard

The Icon of Santa Francesca Romana
Janine d'Auguste *Advisor:* John Kenfield

Panel Presentations

10:00 a.m.

Literature, Culture and National Identity 410AB

"They Accuse Us of Being Descended from Slaves": Settlement History, Cultural Syncretism, and the Formation of the Medieval Icelandic Identity
Ann Humphrey *Advisor:* Sarolta Takacs

Phillis Wheatley and the 18th-Century Public Sphere
Jason Gulya *Advisor:* Christopher Iannini

Russian Orthodoxy in Russian National Identity
Tiffani L. Jarnigan *Advisor:* Gerald Pirog

The American Gothic Experience and the Function of Discursive Rhetoric in Slave Narratives
Jeffrey Melillo *Advisor:* Gregory Jackson

Masculinities, Sports and National Identity 407

Ironman: Why is Impossible so Attractive?
Vlad Radulescu *Advisor:* Leonard Hamilton

Masculinities, Authority, and the Beat Generation
Christopher Rzigalinski *Advisor:* Ben Sifuentes-Jauregui

The Position of Football in Postcolonial Europe
Sabeenah Arshad *Advisor:* Bonnie Smith

Materials and Mechanics: Physics and Engineering 402

Effects of 3He Impurities on the Non-Classical Rotational Inertia of Solid 4He
David Ruffner *Advisor:* Haruo Kojima

Folding Mechanism in Hind Wing of Grasshoppers
Jonathan Tang *Advisor:* Mitsunori Denda

Measurement of the Non-Classical Rotational Inertia in Solid Helium-4 Through Extending Torsional Oscillators Frequencies
Vaibhav Sharma *Advisor:* Harry Kojima

Varying Concentration to Measure Time Response in Electrically Tuneable Viscosity of Carbon-Nanotube Suspensions
Peter Huang *Advisor:* Jerry Shan

Re-Reading Children's Literature 411AB

C.S. Lewis's The Chronicles of Narnia: The Redemption of Myth
Judd Baroff *Advisor:* Edlie Wong

Perversions of the Moral Tale in Children's Verse
Ha Kim *Advisor:* Carolyn Williams

The Children's Book as a Tool of Cultural Analysis: How Dr. Seuss' The Cat in the Hat Helps Us Understand the United States in the Early Cold War Era
Annalise Leonelli *Advisor:* Michael Rockland

Unsupring Pretty Princesses: Manipulated Masculine Signs and Informed Female Agency in Angela Carter's Children's Storybooks
Kaitlyn McGruther *Advisor:* Marianne DeKoven

Panel Presentations

11:00 a.m.

(Un)Making Meaning: Philosophical Constructions of the Self in Art, Literature & Ethics 411AB

The Failures of Right-Claims in Gewirthian Ethics
Uriel Carni *Advisor:* Mark Colby

The Myth of Meaning
Daniel Flaherty *Advisor:* Stephen Westfall

The Pragmatic Burroughs
Michael Stuzynski *Advisor:* Louise Barnett

New Frontiers in Biomedical Engineering 402

A Boosted Distance Metric: Application to Content Based Image Retrieval and Classification of Digitized Histopathology
Jay Naik *Advisor:* Anant Madabhushi
Regulation of Dbx Gene Expression in Spinal Cord Development
Stephanie Loh *Advisor:* Li Cai

WERITAS: Weighted Ensemble of Regional Image Textures for ASM Segmentation
Robert Toth *Advisor:* Anant Madabhushi

Race, Ethnicity and Identity Construction 410AB

America's Fascination with Twentieth-Century Literary and Cinematic Depictions of the Italian-American Mafia
Kaitlyn Tooker *Advisor:* Michael Rockland

Race and Gender in the Family: A Mixed-Race Perspective
Phillip Handy *Advisor:* Diana Sanchez

The Impact of Racial Prototypicality on Implicit and Explicit Person Perception
Rachel Rubinstein *Advisor:* Lee Jussim

White Educators in the Media
Lissette Herrera *Advisors:* Mary Curran, Nora Hyland

War, Rebellion and National Identity 407

"Evil of a Most Insidious Character:" Immigration and National Identity in World War One
Evan Taparata *Advisor:* Virginia Yans

A "Terrifying Responsibility": Depictions of Franco's Anti-communist Moroccan Collaborators in the Illustrated London News
Shari Wejsa *Advisor:* Temma Kaplan

African Involvement in World War II
Raj Krishnan *Advisor:* Carolyn Brown

Radical Clericalism In Irish Rebellion of 1641
Christopher Gillett *Advisor:* Alastair Bellany

Panel Presentations

1:00 p.m.

Cross-Cultural Perspectives on Medicine and Health 410AB

Eastern Meditation Meets Western Medicine: Discovering Human Potential through the Adaptation of Self-regulation
Courtney Merlo *Advisor:* James Jones
Humanism, Patient Empathy, and the Accuracy of Analysis in Medicine and Medical Education
Datrell Ward *Advisor:* Howard Leventhal

Religion and the Ethics of Infertility; How Judaism and Christianity Confront the Science of Making Babies
Lauren Elstein *Advisor:* James T. Johnson

Stomach Cancer in Japan: A Historical Approach
Rutva Shukla *Advisor:* Donald Roden

New Frontiers in Animal Science 407

A Neonatal Ovarian Transplantation to Study Methoxychlor's Direct Effect on the Ovary
Robert Gesumaria *Advisor:* Mehmet Uzumcu

Development of Prepubertal Mouse Intepubic Ligament Sensitivity to Estrogen and Relaxin
Michael Strug *Advisor:* Carol Bagnell

Effect of Food Extracts on Plasma Electrolytes During and After Exercise in Standardbred Mares
Jennie Zambito *Advisor:* Jennie Zambito

Effect Of Stereochemistry on the Synthesis, Characterization, and Biomedical Applications of Nanoscale Amphiphilic Macromolecules
Kevin Huang *Advisor:* Kathryn Uhrich

New Frontiers in Chemical and Molecular Biology 402

Mutation Analysis of CGI-58 for Functional Characterization
Dharika Shah *Advisor:* Dawn Brasaemle

Protein Interactions with Hst1 in the yeast *Saccharomyces cerevisiae*
Katherine Chen *Advisor:* Andrew Vershon

Synthesis and Characterization of Alpha, Alpha-Bis(o-carboxyphenoxy)-p-xylene-Based Copolymers for Peripheral Nerve Regeneration
Brittany deRonde *Advisor:* Kathryn Uhrich

Separate and Unequal: Segregation at Home and Abroad 411AB

The American Black Power Movement and the South African Black Consciousness Movement: Separation to Overcome Segregation
Sjoquelyn Winstead *Advisor:* Edward Ramsamy

The Case of Dwight Morrow High School: A Case Study of Town, Education, and the Shaping of Inequalities Over Time
Gwen Prowse *Advisor:* Keith Wailoo

Panel Presentations

2:00 p.m.

Economic Challenges and Solutions: Poverty and Philanthropy 410AB

An Empirical Study of Philanthropy and Public State Universities
Alexander Draine *Advisor:* Joseph Seneca

Developing the Poor: An Economic and Feminist Critique on the Effects of Economic Solidarity on Women in Matarandiba and Saramandaia, Salvador, Brazil
Alexis Kennedy *Advisor:* Yana Rodgers

Microcredit and the Global Financial Crisis: A Case Study of Access to Credit in New Brunswick, NJ.
Jennifer Ruddock *Advisor:* David Finegold

Reading Between The Lines: An Analysis of the Government Subsidy of GSE's Using Market Spreads
Matthew Karmel *Advisor:* Bruce Mizrach

Human Rights, Resistance and Indigenous Restoration 411AB

Indigenous Involvement in Resistance Movements During the Guatemalan Civil War
Jessica Schink *Advisor:* Camilla Townsend

Klamath Termination
Christopher Clements *Advisor:* Camilla Townsend

The Cultural Revolution and Chinese Minorities
Christine Hsu *Advisor:* Xun Liu

The Influence of Power in Human Rights Change: A Case Study of China and Vietnam
Avi Smolen *Advisor:* Daniel Kelemen

The Teacher, By Fighting, Is Also Teaching: SNTE/CNTE Section 22 and Oaxaca's Education System
Emma Fawcett *Advisor:* Robert Kaufman

Poster Presentations

General Session I - 10:30- 12:30

Humanities I

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Anterior Olfactory Complex Plays a Potential Role in Addiction
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Association of Polymorphic Variants in the Melatonin Receptor with Breast Cancer Phenotypes
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C. elegans as a Model Organism to Study TGF- β Cancer Pathways
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Rotem Naftalovich and Arthur J. Yeh Advisor: Dunne Fong 27

Characterization of CD40 Membrane Localization in both Normal B cells and B cells from a Patient with Non-X-linked Hyper-Immunoglobulin M (HIM) Syndrome
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Jennifer McConnell Advisor: Max Häggblom 9

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Effects of Ephrin-A5 Knockout on Developing Retinal Cells
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Emulating Cellular Microenvironments *in vitro* Using Microfabrication Techniques to Study Brain Cancer Cell Behavior
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Presenter Biographies

Rami Abouseiman is a sophomore in The School of Arts & Sciences working towards a double major in Geological Sciences and Middle Eastern Studies. Poster 132

Manali Adani is a Junior double majoring in Psychology and Cell Biology Neuroscience. She has been working in Dr. Kusnecov's lab since Summer 2008 helping in various projects and tasks in the field of psychoneuroimmunology. She is interested in research opportunities while continuing her work with Dr. Kusnecov on an honors thesis for the upcoming fall semester. Poster 84

Abhir Adhate is 3rd year junior at Rutgers University. He is currently majoring in Mechanical Engineering and Economics. He is actively involved in Rutgers Formula Racing. Poster 115

Yuliya Afinogenova is a sophomore, majoring in biochemistry and economics as well as minoring in chemistry and mathematics. She started working with Professor Woychik in February 2008, began exploring her current project during the Fall 2008 semester, taking over the experiments previously conducted by a graduate student. In addition to working in Professor Woychik's laboratory, she has also done research with Professor Rossi at the City of Hope in California during the Summer 2008. Poster 66

Syedda Ahmed is a cell biology and neuroscience and psychology double major with a minor in Spanish. She has been working in Dr. Prabhans Moghe's laboratory, biomedical engineering department, since September 2009 on research involving enhancing neurite outgrowth of neural stem cells using peptide functionalized albumin nanoparticles. Syedda worked with children with cerebral palsy in Peru last summer and desires to pursue a career in the medical field. She is expected to graduate in 2010 and wants to go to medical school to study neurology. Poster 101

Shariq Ahmad is a sophomore in the SAS Honors Program. He is double majoring in Political Science and Middle Eastern Studies and minoring in Religion and Economics. He hopes to join the Peace Corps after college and then go to law school. Poster 204

Joanne Ahn is a fourth year undergraduate at Rutgers University majoring in Molecular Biology and Biochemistry. She is working on a continuing research project from last year, studying microbial life and characteristics in the marine sponge. Joanne hopes to obtain an MD/PhD one day and continue to do research in a more clinical setting, using her education of microbial, molecular, biochemical, and biotechnology obtained at Rutgers towards her studies of the human body. Poster 52

Arianna Aldebot is a junior at Rutgers University. She is a Communication Major with a dual minor in Dance and Womens Studies. She is from Newburgh, NY where she attended Newburgh Free Academy's Arts Academy. She is a member of the Rutgers University Programming Association and a member of the Rutgers Womens Ultimate Frisbee Team. In her free time she enjoys cooking, traveling and going to concerts. Poster 215

Zehra Ali Poster 207

Naomi Anacius is a Rutgers College senior majoring in Criminal Justice and Sociology with a minor in Africana Studies. Her research interest is in healthcare. She plans on starting law school in Fall 2009. After law school, her plan is to continue doing research on healthcare and starting a non-profit organization to help those with barriers to healthcare. Poster 194

Nicholas Apostolopoulos is a sophomore majoring in Molecular Biology & Biochemistry. Nick has been conducting research under Dr. Andrew Vershon on gene regulation since his freshman year. His goal is to complete an Honors Thesis before graduating, pursue an MD/PhD degree, and teach at a university. Outside of the lab, Nick works for Rutgers as an EMT, sings with the OrphanSporks, and is an active member of the Rutgers Cycling team. If you don't find him in the lab, he's probably outside on his bike! Poster 60

Sabeenah Arshad is a senior graduating from Douglass College as a History major and Middle-Eastern Studies minor. She is currently enrolled in the 5-Year Certification Program at the Graduate School of Education at Rutgers for Elementary School with Middle School specialization in Social Studies. She is great fan of football and a diehard Manchester United fan, both aspects of which have made this thesis both enjoyable and personally pertinent. Paper 10:00 a.m.407

Aleeza Ashgar is a School of Arts and Sciences sophomore studying Finance and Political Science. She hopes to attend law school in the future and incorporate business into her study of law. Aleeza is an Aresty Research Assistant for Dr. Deepa Kumar on the topic of U.S. foreign policy and media coverage of political Islam. Poster 217

Prasannah Ashokkumar is a Pre-Business and Finance double major with a minor in Political Science. She is currently a sophomore and plans to either work at a Merger and Acquisition Firm, Accounting Firm, or the United Nations after graduation. Poster 204

Steven Baginski is a Rutgers College Undergraduate Junior. He participated in Summer Undergraduate Laboratory Internship in 2008 at Brookhaven National Labs. His major is Chemical Physics and minor is Physics. Poster 139

Weis Baher is a sophomore English major and Cinema Studies minor in the School of Arts & Sciences. Poster 234

Alison Baier is a sophomore History major and Spanish minor. She is in the School of the Arts and Sciences Honors Program. This is her first research project with a team, and hopes to continue this kind of research in the future. Poster 227

Sophia Bailey is an aspiring nursing student and a member of the Rutgers School of Arts and Sciences. Poster 182

Riju Banerjee is a sophomore majoring in Cell Biology and Neuroscience. He works in the ED at RWJUH and the Chelsea Assisted Living Home in East Brunswick. He does research on endocytosis in *C. elegans* and tutor for the ODAISIS program. He enjoys playing acoustic guitar, reading the New England Journal of Medicine, and practicing kendo and judo. He is the Health Policy Liaison for Rutgers AMSA and the Pre-medical Development Conference Registration Chair. Poster 62

Ariana Barat is a senior at Mason Gross School of the Arts with a concentration in printmaking and a minor in French. Derivative from the theoretical framework of metaphysics, Barat's art work is an eschatological study of allegory. She examines the past as a recollection of moments like a kaleidoscope of changing pictures, placing emphasis on the plurality of each moment since there is no perception that is not full of memories. Poster 240

Judd Baroff is a senior majoring in English Literature. He will attend law school in the Fall of 09 where he hopes to study constitution and administrative law with an interest in public policy. He would like to thank C.S. Lewis for his imaginative and engaging works. He would also like to thank Dr. Edlie Wong for her support and Rev. Gregory Bezilla for his guidance. I could not have done this without you. Paper 10:00 a.m.411AB

Aakruti Bhajja is a sophomore at Rutgers University with a major in Biological Sciences and a double minor in Nutrition and Psychology. She plans to continue with medical school after her undergraduate education. Meanwhile, she is working at the Nutrition and Bone Lab at Rutgers to gain further exposure to the research field. Poster 78

Julie Bianchini is a junior at Rutgers University majoring in Molecular Biology/Biochemistry. Julie has been conducting a research under the guidance of Dr. Andrew Vershon since 2006. She has received a Waksman Institute Poster Award, two Jerome and Lorraine Aresty Research Scholarships, a Waksman Research Fellowship and has participated as a summer intern in the Ion Channels Department at Merck Pharmaceuticals. In the fall she will be applying for graduate school to obtain a Ph.D. Poster 61

Emily Brickner is graduating this spring with a degree in cultural anthropology after completing this departmental honors thesis. Her research is motivated by personal values of aesthetics, sexuality, awareness of human experience, and challenging boundaries. As eroticism and intimacy flood contemporary culture, Emily believes that this research is not only timely but vital to better insights of human experience within social structures that both sustain and inhibit the way we live our lives. Poster 9:00 a.m.407

Kristen Brown is a Rutgers College senior who is pursuing a double major in biology and psychology and a minor in religion. Her primary research interest involves identifying resiliency factors for minorities and those with low SES backgrounds. Poster 187

Matthew Bruno is a senior at the School of Environmental and Biological Sciences majoring in Environmental Science. He has worked in Dr. Lily Young's lab for nearly three years on the genetics and physiology of chemototrophic arsenite oxidizing bacteria. After graduating from Rutgers he plans on studying geomicrobiology and hopefully earning a Ph.D. In his spare time he enjoys mountain biking and brewing beer. Poster 53

Ariel Bucher is a sophomore in the School of Arts and Sciences Honors Program, majoring in Political Science and Jewish Studies. She serves the Rutgers community as a Scarlet Ambassador, Honors Program Tutor, Peer Mentor, and Ambassador, and is active in Rutgers Hillel. Ariel plans on interning in Washington, DC this summer and attending law school after graduation. Poster 205

Mathias Bullerman is pursuing a degree in linguistics from Rutgers College, with a special interest in morphology, as well as American Indian and Polynesian languages. Poster 238

Andrew Butler is a Senior majoring in Genetics and minoring in History. He plans to graduate in May 2009 and attend medical school next year. He has been conducting research under the direction of Dr. Gow since the fall of 2006. He is also involved in the Catholic Student Association, Awareness to Action, and Rutgers College Honors Program. Poster 79

Jessica Cain is an English major considering a profession in secondary education. This is her first year as a psychology research assistant; she started as an R.A. this past summer in the English department and is glad to get a diverse research experience at Rutgers. When she isn't studying, Jessica enjoys drawing comics and visiting the many libraries in the vicinity. Poster 172

Miriam Campeas is a sophomore in the School of Arts and Sciences Honors Program. She is double majoring in psychology and political science. Her scientific interests are in the field of childhood depression and anxiety. Outside of research and academics, she is the community service chair at Rutgers Hillel. Poster 173

Uriel Carni is a senior philosophy major at Rutgers University. He is one of the founding editors of the Rutgers Undergraduate Philosophy Journal, a recipient of the Rutgers Academic Excellence award. He is president and cofounder of a private textile distribution business and a marketing developer for a private, international hedge-fund group. Uriel is an active performing musician and guitar instructor, also having spent time on performance scholarship at NYC's The Collective School of Music conservatory. Paper 11:00 a.m.411AB

Jessica Casciano is graduating as a Douglass Scholar with a major in Biotechnology and a minor in Biochemistry. In addition to completing her Mabel Smith Honors thesis, Jessica is a member of Delta Gamma and volunteers at the Robert Wood Johnson Hospital. After graduation, Jessica plans to attend graduate school to complete her Ph.D. in Molecular Biology and to ultimately become a university professor. In her spare time, she enjoys running, traveling, and reading. Poster 111

Stephanie Cerce is a sophomore in the SAS Honors Program. She is majoring in Psychology and minoring in History. Her post-Graduate plans are to go to Graduate School and attain her degree in Psychology. Poster 204

Jennifer Chang is a Rutgers College junior double majoring in Economics and Mathematics with a minor in Chinese. Besides being an Aresty Research Assistant, she is also involved in the Rutgers Chinese Dance Troupe and Phi Beta Lambda. Jennifer also enjoys playing volleyball and going swimming. Her career goal is the work in the financial services industry upon graduation. Poster 224

Lindsey Charbonneau is a Philosophy and Linguistics double major in the School of Arts and Sciences Honors Program. Poster 182

Laura Chen is a sophomore majoring in Ecology and Natural Resources and Animal Science. After finishing her undergraduate degrees, she hopes to go on to a dual D.V.M./Ph.D. program with a Ph.D. in Ecology. One day she hopes to either be a researcher at a zoo in wildlife conservation or a professor at a university in the field of ecology. Poster 127

Katherine Chen is a senior at Rutgers College double majoring in Molecular Biology & Biochemistry and Economics. She has been working in Dr. Vershon's lab for the past three years studying transcriptional regulation in the yeast *Saccharomyces cerevisiae*. After graduation, Katherine plans to attend UMDNJ Robert Wood Johnson Medical School this fall. Paper 1:00 p.m.402

Mingyu Chen is an international student from China majoring in economics and minoring in math. Mingyu experienced both Chinese and American high school life as an exchange student in Michigan. He has accelerated his secondary education, with plans to finish his undergraduate in three years and attend graduate school. Mingyu's interests are playing chess, swimming, reading, and appreciating arts and movies. Poster 185

Grace Chen is a junior working in Dr. Thomas Kusch's lab. She has been involved in research since the summer of her freshman year. She is majoring in Molecular Biology and Biochemistry as well as English. Poster 68

Elizabeth Cheng is currently a junior attending the Rutgers Business School. With a double major in Accounting and Economics and a minor in Asian Studies, Elizabeth hopes to pursue a career with a focus in international economics and international trade. Her interest in Asian Studies encouraged her to apply to research with Professor Paul Scahlow and broaden her knowledge on the subjects of history and culture. Poster 186

Sagar Chokshi is a junior at Rutgers College, aiming to graduate with a degree in Cell Biology and Neuroscience. He is particularly interested in the field of neuroscience and hopes to attend medical school. The preventive applications of his research are definitely stepping stones for a future in clinical medicine and hopefully a continuation in medical research. Aside from science, he studies of history, philosophy, and psychology. Poster 29

Stacey Chung is currently a Junior in the School of Environmental and Biological Sciences majoring in General Biotechnology. After researching for two years in Dr. Quadro's lab, she will continue as a senior while being a part of the George H. Cook Senior Honors Program. In the future, she hopes to become a dentist or researcher and earn a black belt kendo. Poster 34

Brienne Cignarella is a student of the classical humanities and has taken a keen interest in the physical remnants of antiquity. The field of numismatics, or the study of currency, has provided the means of interaction with a culture removed in space and time, supplementing her knowledge of the Classical textual sources. It is this curiosity about coinage, more specifically coins of the Roman Republic, that has stemmed her current research. Poster 241

Christopher Clements is a graduating senior at Rutgers College majoring in history and minoring in sociology. He is particularly interested in Native American history and hopes to pursue a doctorate in history, specializing in the field. Paper 2:00 p.m.411AB

Alyssa Cocchiara is a junior at Douglass College majoring in Nutritional Sciences and Women and Gender Studies. Her goal is a career in medicine focusing on global health. She is involved in the Institute for Women Leaders Scholars Program, Project SUPER program through the Douglass Project, AMSA for undergraduate students, Alpha Epsilon Delta, and Radigals. Besides her work on this research project, she is currently interning at the Center for Women's Global Leadership. Poster 5

Laura Cohen is a sophomore majoring in Public Health. She is a member of the Rutgers Democrats, JMED: The Jewish career network for pre-med students, the Rutgers Public Health Initiative, and the Aresty Research Center. In her free time, she enjoys to travel. Laura plans to attend Medical School after Rutgers. Poster 164

Anthony Colandrea has worked in Dr. Katz's lab since last year, assisting graduate students with a variety of experiments related to goat behavior. This year he has been working under the supervision of Dr. Katz and his graduate student, Andrea Haulenbeek, to complete his G.H. Cook Honors Project – the results of which he will be presenting at the Aresty Symposium. He will be attending University of Pennsylvania's School of Veterinary Medicine in the fall. Poster 6

Daveena Colwell is a Douglass College senior working on her honors thesis in the Psychology Department. She has worked in the Stigma, Health, and Close Relationships lab for 3 years and was an Aresty RA her sophomore year. Poster 149

Michael F. Connolly is a Rutgers SAS sophomore, majoring in Economics and Mathematics. He is actively involved with the school's Fed Challenge team, having presented on financial markets and inflation at the New York Fed in 2007 and 2008. With this project, he intends to lay the groundwork for future research with the ultimate goal of earning an Economics Ph.D. Apart from critically analyzing the Fed, Michael enjoys soccer and learning foreign languages. Poster 223

Michael Convente is a senior majoring in molecular biology and biochemistry. In addition to his academic and research pursuits, Michael is highly involved on campus, serving as President of the Busch Campus Council and as a member of RUSA's Council of Presidents. Michael is also a proud brother of Chi Psi fraternity. After graduating, Michael will be attending the University of Pennsylvania in the fall to pursue a doctoral degree in cell and molecular biology. Poster 65

Matthew Cortland is a School of Arts and Sciences Honors Program student majoring in English and Art History. At Rutgers, Matt is the President and Alpha Class member of the Lambda Triton Chapter of Theta Delta Chi International Fraternity. He is also an alumnus and a former drum major of the Madison Scouts Drum and Bugle Corps, America's second oldest drum corps and one of only two all-male international drum corps still in existence. Poster 211

Christabel Cruz was born in Washington Heights, New York. As a child she moved to Teaneck, NJ where she was raised and eventually graduated with honors from Teaneck High School. She came to Rutgers as a James Dickson Carr scholar and is a Political Science and Art History double major in the School of Arts and Sciences. On campus she is involved in various activities and runs the Verbal Mayhem weekly open mic. Poster 218

Janine d'Auguste is a senior at Rutgers University. She will be graduating in May with a double major in Art History and Theater. Her thesis was inspired by her trip last summer to Rome with the Art History Department. She would like to thank Dr. Kenfield and her family and friends for all of their support. Paper 9:00 a.m.411AB

Shravan Dave is a Cook College junior majoring in Biotechnology, with an option in Bioscience Policy & Management. He has begun preliminary research toward a G.H. Cook senior thesis project. He recently presented his research at the University of São Paulo, Brazil. He has also served as a United Nations panelist in New York and Geneva. Shravan's post-graduation plans include either graduate or medical school. Poster 88

Shubhagata Deb Roy is an international student majoring in Biomedical Engineering. A four year recovery due to stress fractures in both his legs, got him interested in rehabilitation engineering. He hopes to pursue a doctorate in Biomedical Engineering, and he also wishes to attain a position at an engineering firm associated with assistive devices. His ultimate goal includes the possibility of working with young athletes in improving the recovery methods for bone injuries. Poster 105

April De Stefano is a senior at Douglass College majoring in Evolutionary Anthropology. She transferred from a community college in Pennsylvania with her A.A.S. in General Studies. While at Rutgers, she attended the Koobi Fora Field School both as a student and as an intern. She has worked on her Undergraduate Honor's Thesis under the advisement of Dr. Harris. She has presented at Cambridge University, England to report the findings of her research. Poster 47
Amy DeMico is a biochemistry major in the class of 2009. Upon graduation, she plans to attend graduate school to attain her PhD in molecular biology. Poster 13

Brittany deRonde is a fourth year chemistry major. She has worked in Dr. Kathryn Uhrich's polymer chemistry laboratory for three years and is an active member of Project SUPER, Delta Epsilon Iota Honors Society, and the RU Stepped Up for Success Mentoring program. Her research was presented at the National American Chemical Society meeting held in New Orleans in April 2008. Paper 1:00 p.m.402

Prium Deshmukh is a junior in the Rutgers College Honors Program majoring in Genetics and possibly Art History. He came to Dr. Storch's lab in June of last year through the NIDDK STEP-UP summer internship program. He continued research in her lab during the year under the guidance of Dr. Zhi Xu. He enjoys this project because it has strong connections to genetics and could lay the groundwork towards developing a cure for NPC disease. Poster 37

Anthony DiBattista is a fourth-year senior majoring in Microbiology at Cook College. He has worked in various biochemistry and microbiology labs in Lipman Hall since the summer of 2007. After graduation Anthony plans to work for a pharmaceutical or biotech company, and maybe eventually get his PhD. Poster 48

Kimberly Dong is a double major in molecular biology & biochemistry and public health. She was an Aresty Summer Science Candidate in 2007 and received an Aresty Research Grant for the Spring Semester 2009. Her interests also include rock climbing, cooking and organic farming practices. Poster 54

Jessie Doyle is a sophomore in the School of Arts and Sciences Honors Program. She is majoring in psychology with a history and anthropology double minor and hopes to attend graduate school for psychology. She is a Residence Hall Association representative for Brett Hall, is in the Cook Environmental Club, and hopes to join Rutgers Sailing for spring semester. She has been working with the Rutgers Oral History Archives for the 2008-2009 school year. Poster 225

Alexander Draine is a Rutgers College Senior majoring in Economics. He is 22 years old and is expected to graduate in May 2009. He writes a column for the Daily Tarzom entitled "Draine on Society" that runs on alternate Tuesdays. He is also President of the Rutgers University Kokikai Aikido Club. Paper 2:00 p.m.410AB

Julia Dranov will be graduating this year with a degree in General Anthropology. She is a resident of the Middle East Coexistence House and has spent the last two years focusing on the studies of Human Rights Issues and the Middle East, Medical Anthropology, and consumer culture. She plans to go on to Graduate School and to pursue a PhD. Paper 9:00 a.m.407

Andrew Du is a Rutgers College senior majoring in Evolutionary Anthropology and minoring in Geological Sciences. He has a strong interest in paleoanthropology a.k.a. the evolution of the human lineage. He has conducted field work in Koobi Fora, northern Kenya and research in the National Museums of Kenya for the past two summers. He plans on taking a year off after graduation to do additional field work in East Africa. Poster 46

Brittany Durgin is currently a junior majoring in Cell Biology and Neuroscience and minoring in Women and Gender Studies. Brittany serves as Parliamentarian for Phi Sigma Pi, a National Honor Fraternity, and is actively involved in the Project SUPER Program for Undergraduate Women in STEM fields. In addition, she has been conducting research for two years in Dr. Eric Lam's lab. Her ultimate goal is to attend medical school and become a physician scientist. Poster 16

Lauren Elstein is a senior majoring in Religion and minoring in Biology. She is excited to be attending medical school in the fall with hopes to enter the field of reproductive medicine. Her thesis has been a great way for her to synthesize her two areas of study and allow her to develop her interest in religious ethics. She would like to thank all her friends and family for their continuing support and encouragement throughout her academic career. Paper 1:00 p.m.410AB

Cara Epstein is a senior at Rutgers College, majoring in Psychology. She is a research assistant in a lab participating in research activities related to psychotherapy process for youth with the Youth Anxiety and Depression Clinic (YADC). In the future, she hopes to pursue research interests as a Ph.D. candidate in the field of Clinical Psychology. Poster 162

Daniel Esposito is currently a sophomore at Rutgers University that intends to major in Finance and Economics. Dan's interest in banking and this project come as a result of working at a credit union for three years. His hobbies and interests include reading, running, economics, finance, and listening to music. Poster 223

Petra Esseling Poster 170

David Fakanle is a senior at the University of Maryland, College Park. There he majors in Psychology, Criminology and Criminal Justice. David comes from a strong family of performers and his other interests include oration, singing and African drumming. He has been trained in the art of African American storytelling since childhood, and currently participates in an all-male a cappella group at UMD. Poster 199

Jenah Farnella is a fourth year at Rutgers University majoring in Psychology. Poster 155

Hussain Fatakdawala Poster 108

Emma Fawcett graduated from Rutgers College with a B.A. in political science and Spanish in January 2009, and is currently pursuing a master's in nonprofit management at Milano The New School for Management and Urban Policy. She works as a legislative aide at the district office of Assemblyman Joseph Vas and volunteers as a medical interpreter at the Parker Family Health Center in Red Bank. She loves to travel, particularly to Latin America. Paper 2:00 p.m.411AB

Emily Feigenbaum is a senior at Rutgers College and the Edward J. Bloustein School of Planning and Public Policy. She is a member of the Rutgers College Honors Program and Delta Gamma Fraternity. Originally from Long Valley, New Jersey, she hopes to pursue a career in public service. Poster 197

Sarah K. Filik is a senior art history major, with minors in French and history, in the Rutgers College Honors Program. She plans to attend graduate school in order to earn her Ph.D. in art history. As a graduate student she wants to explore the influence of the American and French Revolutions on art and the ways in which American and French artists influenced each other in the ensuing decades. Upon completion of her degree, she hopes to begin working either in the museum field or as a professor. Paper 9:00 a.m.410AB

Kaitlin Fischer is a sophomore in the School of Arts and Sciences honors program, double-majoring in Political Science and Environmental Policy, Institutions, and Behavior. Kaitlin has done research on New Jersey regulations during her internship in Trenton, NJ at Insight Consulting Services, and has also interned at Somerset County Democratic Headquarters. She is an Honors Program peer mentor and New Student Orientation Leader and an active member of the Rutgers Democrats and Delta Gamma sorority. Poster 226

Dan Flaherty is a junior in Mason Gross School of the Arts, majoring in the Critical and Theoretical Study of Contemporary Art and Visual Arts with a concentration in painting and a minor in English. Paper 11:00 a.m.411AB

Andressa Grecco Franco is a student in the Departamento de Análises Clínicas e Toxicológicas, Faculdade de Ciências Farmacêuticas, Universidade de São Paulo, Brazil. Poster 91

Melody Furnari is a Rutgers College senior, graduating in May. She is a member of Phi Sigma Pi (National Co-Ed Honor's Fraternity), Psi Chi, and NSCS. She has been researching in the Wagner Lab since the summer of 2007. She is currently participating in the Psychology Departmental Honors Program. She received a grant from the Aresty Research Center for her projects in 2007-2008 and 2008-2009. This is her second Aresty Undergraduate Research Symposium. Poster 147

Samantha Galarza is a sophomore majoring in Latino and Caribbean Studies and double minoring in Sociology and History. She is also an Honors Student at the School of Arts and Sciences and a Rutgers James Dickson Carr Scholarship recipient. After she graduates she hopes to both continue working as a professional actress and pursue a new career dedicated to youth outreach. She would like to extend a special thanks to Robyn Rodriguez for being "so super." Poster 189

Judith Garber is a sophomore in the School of Arts and Sciences. She is currently pursuing a double major in American Studies and Political Science, with a minor in Economics. Besides her independent research on American Orthodontics, Judith has assisted Professor Fishbein in a number of research projects, including American childhoods and Blacks and Jews in America. Poster 196

Robert Gesumaria is an undergraduate student at Rutgers School of Environmental and Biological sciences. His major is biochemistry and minor is nutrition. He is a prospective premedical student and first time research presenter. He has done research for over two years in the field of reproductive toxicology under Dr. Uzumcu. Paper 1:00 p.m.407

Andre Gharapetian is a student in the Rutgers University School of Arts and Sciences and will be graduating in January 2010. He is majoring in Information Technology & Informatics as well as Geography. His main area of interest is Geographic Information Systems (GIS) and databases. After graduation, Andre would like to pursue a career in GIS services and development. Poster 232

Paul Gianella is a senior in the Biomedical Engineering program at Rutgers University. Poster 95

Amanda Giesler is a junior at Cook College majoring in Ecology and Natural Resources. She is a participant in the Aresty Research Assistant Program. She aspires to have research experience! Poster 180

Kayli Gilchrist is from Haddonfield, New Jersey. This is her second year at Rutgers University. Her studies include Communication and Spanish. Next year she hopes to study abroad in Valencia, Spain. Her research advisor is Professor Nancy Schwartz of the Spanish Department who's current research is about public reading programs in Latin America. She has thoroughly enjoyed her experience with her professor and the program. Poster 237

Christopher Gillett was born in the South London Borough of Croydon on February 11, 1987. He lived in England until he was six, then moved with his family to Lawrence, Kansas. In 1996, his family and I moved to New Jersey. He attended St. Joseph High School in Metuchen and is a fifth year senior at Rutgers College. He is studying for a triple major and is completing an honors thesis for the History Department. Paper 11:00 a.m.407

Wade Goldstein is a senior attending Rutgers University completing the requirements for the Honors program in Psychology. His interests lie in clinical psychology, philosophy, and classical literature. Currently, he is participating in an internship at Basking Ridge High School as well as with the Head Start program. Upon graduating, he will be pursuing a ph.d. in clinical psychology and hopes to be a practicing psychologist after attaining his degree. Poster 175

Anuja Gopalan is a senior at Rutgers University and will be graduating in May 2009 with a Bachelor of Science in Public Health. She will have a minor in Women's and Gender Studies and is in the Honors Program at Rutgers University. She is interested in going to graduate school for Physical Therapy. She currently has a job as a physical therapy aide and has an internship at the Senior Citizen Resource Center in New Brunswick. Poster 208

Simon Gordonov is junior biomedical engineering student, minoring in biological sciences at Rutgers University. He has been working in the laboratory of Dr. Prabhas Moghe since the spring of 2007. His scientific research interests lie in the fields of stem cell-based tissue engineering, microscopy, and computational modeling. Outside of science, he is a member of the Rutgers cross country and track and field teams. His professional goal after graduation is to pursue an MD/PhD degree. Poster 100

Tanya Gordonov is a senior majoring in biological sciences at Rutgers. She has been doing undergraduate research related to osteopontin with Dr. Denhardt since her Aresty Summer Science Research experience in the summer of 2006, and has completed her George H. Cook Honors Thesis this year. During the fall she will start working towards her PhD in Bioengineering. Poster 15

Karina Goytliboym is a Rutgers College Senior majoring in Psychology with a minor in Biology. She has been researching in Dr. Mark West's lab for two years and is currently working on an honors thesis. She will be attending UMDNJ-SOM in the fall. Poster 75

Tal Grebel is a sophomore in the School of Arts and Sciences (SAS) Honors Program, class of 2011. She is currently majoring in History and French, while minoring in Middle Eastern and Jewish Studies. In addition to the research she conducts with Professor Greenberg, she volunteers with special needs children through the Friendship Circle program, runs the Rutgers Hebrew Club, tutors in French, and runs events as a RUPA Arts and Issues Chair. Poster 219

Daniel Greene is a junior at Rutgers University majoring in cognitive science with a minor in mathematics. He has worked in Prof. Gallistel's lab since 2006, and has also spent summers in labs at Princeton and Harvard. He is interested in applying cognitive science to education, and is currently designing a senior independent study on that theme. Poster 169

Ekjot Singh Grewal is currently a sophomore in the Rutgers School of Arts and Sciences. A resident of Marlboro, NJ, he is a Cell Biology and Neuroscience/Political science double major. He has been conducting research under Dr. Werlen since the Summer of 2008 thanks to the original support from the Aresty Summer Science Program. Poster 25

Jason Gulya is a senior at Rutgers College, majoring in English. He plans to attend graduate school and to pursue a Ph.D. in 18th-Century British Literature or Early American Literature. His particular interests are in Pope, Swift, and Samuel Johnson and, obviously, in the conception of a "public sphere" in early America. Paper 10:00 a.m.410AB

Anna Hader studied biology for two years at the University of Gdansk, in Poland. In 2003, she moved to the U.S. and then graduated from the County College of Morris. She was accepted into the Cell Biology and Neuroscience Program at Rutgers University and began working on her Honors Research Project in the field of neuroscience. In May of 2009, she plans to graduate with her B.A. degree. Poster 26

Zhanna Hakhverdyan was born in Armenia and moved to US when she was 18 years old. She attended two years of school in City College of the CUNY. The summer of her sophomore year she participated in Summer Undergraduate Research Program at Pittsburgh University and transferred to Rutgers. She started working at Dr. Brenneman's lab and is graduating this May! Poster 40

Phillip Handy is a senior at Rutgers, majoring in Sociology and Psychology. His areas of interest are race, gender, social stratification, and identity. She has previously conducted research in the Aresty Research Undergraduate Research Assistant Program and the Ronald E. McNair Post-Baccalaureate Achievement Program. She is an active student leader on campus, and is currently the founder/president of the student organization, Fusion: The Rutgers Union of Mixed People. Paper 11:00 a.m.410AB

Catherine Hart is a School of Arts and Sciences Honors Program sophomore majoring in political science. She is the President of Brett Hall Government and is from Peapack-Gladstone, NJ. Poster 203

Pawan Harvu is majoring in Mechanical and Aerospace Engineering and Physics. His expected B.S Graduation is 2009. His plan of action: MS. 2010. Poster 114

Lauren Hayes is a Rutgers College Honors Program junior majoring in Psychology and minoring in History. She is a member of RU Big Buddy and Rutgers Readers. After graduation, she hopes to earn her Master's in Education and pursue a career in special education. Poster 167

Lisette Herrera is a senior planning to attend graduate school in the field of Education or Social Work this upcoming fall. At Rutgers she has been co-president for (G.O.Y.A), a liaison for (W.E), a Rutgers Upward Bound mentor, a tutor for the America Reads program, and participated in the McNair Scholars Research Program and Aresty. Her vast undergraduate experiences have encouraged me to explore the affects of inner-city educational systems in graduate school. Paper 11:00 a.m.410AB

Rachel Hodes is a second year student at Rutgers University. She is a Political Science Major, Environmental Policy Minor and History Minor. Poster 228

Jessica Hoffman is a senior at Cook College majoring in Animal Science Pre-veterinary, double minoring in Biological and Marine Sciences. She is currently a G.H Cook scholar focusing her senior thesis on the effects of externally attached acoustic tags on summer flounder *Paralichthys dentatus*, Spot *Leiostomus xanthurus*, & Weakfish *Cynoscion regalis*. Dr. Ken Able is her undergraduate advisor as well as director of Rutgers Marine Field Station, which is where all her research is conducted. Upon graduation, she will be enrolled at West Chester University's Biology Masters Program working under Dr. Frank Fish. Poster 124

Yaejee Hong is a sophomore planning to major in Genetics with a minor in Music. She is currently a research assistant through the Aresty Research Program. She hopes to pursue a career in medicine and medical research. Poster 20

Sang-Eun (Grace) Hong is a Rutgers College Senior majoring in Sociology with minors in both Psychology and History. She is currently associate editor and columnist for the alternative news source, The Johnsonville Press and also hosts a radio show every Sunday night on hearneubrunswick.com Poster 193

Amanda Hood is a senior in mathematics and will be attending graduate school in applied mathematics next year. Poster 120

Megan Hover is a senior at Rutgers University. She is currently studying Political Science and Statistics. She has worked several times with issues involving hunger and homelessness. While her main subject of study is International Relations and Comparative Politics, she hopes to take her experiences from working with the homeless and create an effort that would help the hungry and homeless people of the world with focus on parts of Latin America. Poster 206

Kristin Howell is an undergraduate senior majoring in psychology. She conducts research at the Center of Alcohol Studies where she works under the advisement of Dr. Marsha Bates. Her research interests include neuropsychology and the effects of substances on psychophysiology and cognition. Poster 146

Christine Hsu is a senior majoring in history and psychology while minoring in Chinese. She has a specific interest in the Cultural Revolution, which stems from the many personal stories and memoirs she has come across about the subject. Her thesis research has allowed her to explore many of her academic and personal interests. Paper 2:00 p.m.411AB

Peter Huang is a junior Mechanical Engineering Student and has done research with Professor Jerry Shan for two years. Born and raised in Los Angeles, California, Peter has always exhibited great interest in fluid motion, especially in supersonic speeds. He hopes to make a difference through research, finding ways to improve the comfort, efficiency, and speed of aerodynamic travel for the future generations. Paper 10:00 a.m.402

Kevin Huang is an undergraduate Chemistry major, due to graduate in May 2009. She has spent the last year working in Dr. Kathryn Uhrich's polymer chemistry laboratory, where her research is leading to a Paul Robeson Scholars Honors thesis. After graduation, she plans to go on to do Ph.D. studies in polymer chemistry. Paper 1:00 p.m.402

Bridget Huang is a Rutgers College junior who has been working with Dr. Yang since Spring of 2008. She works on various chemopreventive agents, such as epigallocatechin-3-gallate, isoforms of vitamin E and calcium. Poster 135

Ann C. Humphrey is a medieval studies and history double major at Douglass College, Rutgers University, graduating in May 2009. She holds a Certificate in Irish Studies from University College Cork in Ireland. Her specialty is Dark Age North Atlantic history. Paper 10:00 a.m.410AB

Andrew Hurwitz is a junior at Rutgers University pursuing a double major in Planning and Public Policy and Philosophy. After Rutgers he wants to work for a research organization focusing on health policy and then eventually go to law school pursuing a career at the intersection between health law, public policy and bioethics. Poster 184

Vicki Hwang is a junior majoring in Genetics and Public Health and minoring in Statistics. She is planning on going to graduate school next fall and has an avid interest in research. Poster 201

Bobby Irvn is a sophomore in the School of Arts and Sciences majoring in Chinese and Political science. He is a member of the RU International Relations Association where he holds a position on the board as Director of operations. He also participated in the "Program in American Language Studies" where he helps Chinese international students with their English and vice versa. He someday hopes to work for the UN. Poster 221

Nora Isack is a Rutgers College Honors Program senior majoring in Genetics and minoring in Public Health and Spanish. She is the president of the Rutgers chapter of the Student Society for Stem Cell Research and a peer alcohol and drug educator with ADAuGS. After graduation she will attend graduate school for a Masters in Public Health, specializing in Health Policy. Poster 36

Kohshi Itagaki is a SAS third year student majoring in Sociology. He has been working closely with Dr. Kuo on various fields pertaining to Asian American studies. Poster 190

Chris Jakubowski is son of Cindy and Dennis Jakubowski and brother to Andrew Jakubowski. He is from Mount Laurel, NJ. A class of 2010 Rutgers College student, he is a Molecular Biology and Biochemistry major and performs research in Dr. Samuel Gunderson Laboratory on the Busch Campus. He is currently the president of Sigma Chi Fraternity. Poster 56

Tiffani Jarnigan is an undergraduate senior majoring in Russian Language and Literature and Political Science. Fall 2010 she will attend the Monterey Institute of International Studies, as a joint program with the Peace Corps Masters International, to begin her MPA program in International Management, with a focus on the Russian language. Paper 10:00am410AB

Kristine Javier is a sophomore at Rutgers School of Engineering majoring in Electrical Engineering. Poster 122

Yuting Jin is a SAS Honors Junior majoring in English and Philosophy. Poster 210

Sarin Kadakia is a senior, majoring in Biological Sciences. He is working on his Undergraduate Honors Thesis on the TGF β Signaling Pathway. He has been working under Professor Richard W. Padgett at the Waksman Institute of Microbiology since he participated in the Aresty 2006 Summer Science Program. He will be attending UMDNJ – Robert Wood Johnson Medical School upon graduation. He plans to pursue the field of oncology and hope to conduct clinical research in the future. Poster 59

Matthew Karmel is a senior, double majoring in economics and mathematics, in the Rutgers College Honors Program. After graduation he plans to either continue his education by attending a masters program in mathematical finance or to pursue an education in law. Paper 2:00 p.m.410AB

Josh Kauffman is an undergraduate senior pursuing a bachelor's degree in Marine Science. Poster 125

Alexis Kennedy is a graduating senior at Rutgers College. With a major in Economics and a minor in Women's and Gender Studies, Alexis has an interest in economics and how it affects human rights, especially the rights and conditions of women. Alexis is a graduate of the Institute for Women's Leadership Scholars Program and is currently writing an honors thesis for the Women's and Gender Studies department. Upon graduating, Alexis hopes to continue her education in pursuit of a PhD in Global Affairs. Paper 2:00 p.m.410AB

Parisa Kharaza is a junior double majoring in Public Health and Middle Eastern Studies and is working on getting a Certificate in International Studies. She is passionate about anti-poverty and sustainable development social action projects. Last year she was president of Oxfam Rutgers, a humanitarian organization and will continue to be actively involved in such organizations. After she graduates she plans to join the Peace Corps and then get a Masters in Global Public Health and International Development. Poster 221

Ha Kyung Kim, also known as Chad Kim, is an English major and a History minor of Livingston College (Honors). She is severely allergic to mangoes. Paper 10:00 a.m.411AB

John Kim was born in Raleigh, NC and had lived in Seoul (South Korea) for 12 years before coming to Rutgers. He has been working with Professors Ki-Bum Lee and Eric Gayfinkel at Department of Chemistry and Chemical Biology since September 2007. He is interested in nanomaterial synthesis and their wide applications. Poster 144

Juliana Knapp is a Phi Beta Kappa senior at Rutgers, majoring in Economics and French. As a self-professed francophile, she is deeply interested in the French language and culture. Through Rutgers she lived, studied, and worked in Paris. With Aresty, she has researched trends of the Paris Stock Exchange. She also conducted sociological research in Burgundy for the Department of European Studies. She currently interns in Public Relations at Yves Saint Laurent in New York. Poster 238

Niki Kofman is born of Russian Jewish immigrants which has instilled in her a desire to understand the history of her family and the shapings of their beliefs. She is outgoing and outspoken, sometimes too much, and has recently taken up knitting, which she enjoys much more than going out to a loud party. She listens to music for hours each day and Antoine de Saint-Exupéry's children's book, The Little Prince, changed her life. Poster 229

Marlena Konieczynska started her adventure with chemistry as a Project SEED fellow in 2005. Since 2007, she has been working under Dr. Seidel in the area of organic synthesis. This year she was able to publish her research results in Organic Letters. Marlena plans to go to graduate school and obtain her Ph.D. in chemistry. She also enjoys international literature, Polish and Austrian art nouveau, and the 80s culture. Poster 137

Jamie Kostalik is a Rutgers College senior, graduating in May 2009. Majoring in genetics and psychology, Jamie has been conducting research on breast cancer in the Hirshfeld lab at the Cancer Institute of New Jersey since June 2007. Besides research, Jamie is on the Leadership Team for New Student Orientation, a Scarlet Ambassador tour guide, and a former FIGS instructor. She plans on attending graduate school for genetic counseling in the Fall of 2009. Poster 41

Jessica Kretsch is a sophomore Industrial Engineering student. She traveled with the Engineers Without Borders team to Thailand last year and plans to return this summer. Also, she is one of two student leads on this project. Poster 94

Brenna Krieger is a Douglass College senior majoring in professional physics and minoring in mathematics. She is an SAS honors program ambassador and plays flute in the concert band. Next year she will be attending graduate school at a top institution to begin a Ph.D. program in biophysics. Poster 143

Raj Krishnan grew up in Colonia, New Jersey before moving to North Brunswick, New Jersey for high school. He is currently a sophomore in the SAS Honors Program and intends on majoring in Economics. Paper 11:00 a.m.407

Josephine La Bella is a Rutgers College Senior who is very happy to be allowed this wonderful research opportunity. She has filled her time at Rutgers with numerous activities including a major in Art History, joining a sorority, working as a Resident Assistant, and working at the Zimmerli Art Museum. She plans to pursue Museum Studies as a career after college. Paper 9:00 a.m.402

Corbin Laedlein is a Rutgers College senior from Brooklyn, New York, and majoring in African Studies and minoring in Political Science and Spanish. During his sophomore year he participated in the Aresty Undergraduate Research Assistant program as Dr. Kim D. Butler's research assistant, studying anti-black violence throughout the Americas. Because of Dr. Butler he was able to intern abroad in Salvador da Bahia, Brazil with an educational non-profit, which is where he became so interested in this research topic. Poster 230

Melissa Lash is currently a sophomore majoring in Chemical and Biochemical Engineering. She is actively involved in the Rutgers chapter of Engineers Without Borders and the Rutgers Ski Racing Team. She is also a RU/STEP Up For Success mentor. Poster 142

Nina Latcheva is a sophomore at the Rutgers University School of Arts and Science. She is a Genetics major and Psychology minor. Poster 38

Michele Lau is a current second year student enrolled in the School of Arts and Sciences and School of Communication, Information, and Library Studies. She is hoping to achieve a dual degree in Communication and Sociology. Poster 188

Hoi Ching Lee is going to graduate in May of 2009. She is receiving her bachelors in arts in Genetics. Poster 71

Agnes Lenda is a School of Arts and Sciences Sophomore majoring in Psychology and minoring in Spanish. She has been working this past academic year with Dr. Aiello and his lab in order to gain research experience and learn more about L/O Psychology. Poster 165

Annalise Leonelli is graduating from Douglass College in May as a student in the Douglass Scholars Program. With a major in American Studies, and minors in English and Women's and Gender Studies, she plans to attend graduate school in the fall of 2010 in a discipline yet to be determined. With interests in children's literature and in film, Annalise hopes to someday work in children's media. Paper 10:00 a.m.411AB

David Lertola has been conducting research in the Medical Decision Making lab for two years. His main focus has been on the classic Trolley Problem. In the future he hopes to branch out and study problems more applicable to everyday life. Poster 150

Bryan Lian is a third year Nutritional Science and Biological Science double major at Rutgers College. His past research experience includes working at Chromocell and at UMDNJ's Department of Pharmacology under Dr. Marc Gartenberg. His career goals include research, becoming a registered dietitian, and applying for Dental School. His hobbies include Ultimate Frisbee, discovering palindromes, trying/creating new recipes, and anything involving self-discovery. Poster 33

Michelle Lieblich Poster 23

Julie Linden is a fourth-year Rutgers College student majoring in Anthropology with a minor in Philosophy. She is interested in language, evolution, and primatology. Next year she will be pursuing a PhD in Anthropology, focusing her studies on primate socioecology, and hopefully combining her interests in communication and primates to look at non-human primate interactions in the wild. Poster 212

Xiao Liu is a junior at Rutgers school of Engineering doubling majoring in Computer Science and Computer Engineering. Poster 122

Michael Llewellyn is currently a senior at Rutgers College and plans on graduating this May. After graduation, he plans on going to graduate school to continue research in the field of molecular biology and Pharmacology. In his spare time, Michael enjoys competitive swimming, running, and traveling to new places. Poster 64

Sean Lo is a sophomore at Rutgers University majoring in Cell Biology & Neuroscience. He has worked in Professor Firestein's laboratory for approximately a year and has done experiments mostly concerning spinal cord neurons and the prevention of neurotoxicity following spinal cord injuries. He is also part of many Rutgers student organizations such as Rutgers Ballroom Team, and Rutgers in the Community. Poster 22

Stephanie Loh is a junior in Biomedical Engineering at Rutgers University. For the past year, she has been working on her Honors Academy Project with her research advisor Li Cai, Ph.D., Assistant Professor of Biomedical Engineering. She is a University Senator for Engineering Governing Council (EGC) and the co-chair for Engineering Affairs Committee. Stephanie likes sushi and loud music. Paper 11:00 a.m.402

Deonnae Lopez is a senior at Rutgers College with a major in Molecular Biology and Biochemistry. She is very interested in Immunology and the body's ability to fight pathogens. She plans to attend medical school and hopes to work with patients who are immuno-compromised and diagnosed with lymphomas. Research has always been a joy of hers and hopes to continue doing research in her future endeavors. Poster 31

Aaron Lulla is a junior in the Cook biochemistry program. Poster 12

Vanessa Ma is a junior. She plans to double major in Economics and Psychology. Her plan after graduation is to attend graduate school. She loves to watch TV in her spare time and take long naps. Poster 183

Kyle Madison is a sophomore in the Honors Program, a History major with a potential second major or minor in Sociology. He is also the President/Founder of the Rutgers Club Swim Team. He grew up and went to high school in Pequannock, NJ. His career aspirations are to be either a lawyer or teacher. Poster 227

Idimma Cherish Madu is a third year Rutgers College honors student double majoring in Psychology and Philosophy. She plans on pursuing her doctorate in the field of Cognitive Science after graduation next year. Poster 153

Sonya Malani is a sophomore in the School of Arts and Sciences and is a Biological Sciences major and Psychology minor. She plans to attend optometry school after completion of her undergraduate degree here at Rutgers. For now, she is thoroughly enjoying her research project and taking advantage of all the opportunities that science has to offer. Poster 145

Saqib Malik is a senior in the department of molecular biology and biochemistry. The work which he is presenting forms the basis of his honors thesis and is a project he has been working on for over a year. He received a grant to work on his project last summer from the NJ Commission on Cancer Research (NJCCR). This work will be submitted for publication to relevant journals upon completion of the manuscript. Poster 134

Veronica Man is a graduating senior with an Art History major and Philosophy minor. She intends to pursue graduate school to continue her studies in art history and hopes to work in a museum in the future. Her area of interest is Italian Baroque Art. She enjoys doing research and is currently learning Italian in order to help further her studies in Italian art. Poster 242

Caroline Mannaerts is an English literature/French culture major. She is a part of NJPIRG and is organizing an event on campus for this summer called Trek to Reenergize America. This mass bike ride across the country is to raise grassroots support for a bicycling culture in America and to rally Congress for clean energy legislation. In her spare time, she is also a part of the Queens Chorale on campus. This paper is her senior year honors English thesis. Paper 9:00 a.m.410AB

Michael Marchiano is a senior at Rutgers University graduating in May of 2009 with honors in Psychology. Although starting as a business major, Michael now aspires to pursue a PhD in clinical psychology. For the past two years, Michael has been working in Dr. Jan Mohlman's anxiety lab, which has inspired his current research on posttraumatic stress disorder (PTSD). Poster 158

Allison Marquardt is in her final semester as an undergraduate meteorology student at the Rutgers University School of Environmental and Biological Sciences. As a member of the G.H. Cook Scholars Program, her research focuses on geoengineering, or modifying the climate due to the concerns of global warming, with a focus in replenishing Arctic sea ice, under the advisement of Dr. Alan Robock. Poster 130

Joseph Martin began working with Dr. Grigore Burdea in the fall of 2008 at the Tele-Rehabilitation Institute at Rutgers University. Mr. Martin fell in love with engineering at Montgomery Blair High School in Silver Spring, Maryland, where he participated in the FIRST Robotics Competition. Mr. Martin will graduate with a Bachelor of Science degree in Electrical and Computer Engineering in May of 2009, and plans to work for the US Navy in Maryland. Poster 93

Nicholas Martucci is a senior Psychology major at Rutgers University. Over the past year he has worked with Dr. Jack Aiello in his Social/Organizational Psychology Lab. He plans to attend a graduate program in Industrial/Organizational Psychology and pursue a career in organizational development. Poster 152

Christine Mau is a sophomore majoring in cell biology and neuroscience. Besides working at the Firestein laboratory she is involved with several groups on campus. These include Engineers Without Borders, Engineering Governing Council, Foundation for the International Medical Relief of Children and Bringing Rutgers Around in Neuroscience (BRAIN). She is also a Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) mentor. She plans to pursue an M.D./Ph.D and become a physician-scientist and neurosurgeon. Poster 18

John McBride is currently enrolled in the Biomedical Engineering program at Rutgers University, School of Engineering and will be receiving a B.S. in Biomedical Engineering in May 2009. He is mentored by Dr. John KJ Li of the Biomedical Engineering Department. Poster 96

Jennifer McConnell is in her senior year at Cook College, majoring in microbiology and dance. She is a member of the student chapter of the American Society for Microbiology. Previously, she has researched quorum sensing in *Escherichia coli* and isolation of viruses in *Caulobacter crescentus* at Yale University under the direction of Dr. Paul Turner. Jennifer plans to attend a doctoral program after graduation in environmental microbiology. Poster 9

Kaitlyn McGruther is a Douglass College Senior and member of the Douglass Scholars Program. She will graduate in May 2009 with a double major in English and Women Studies. She is very interested in reading literature and signs in popular culture in terms of how they inform and perpetuate gender norms. Paper 10:00 a.m.411AB

Ryan McKendrick is completing honors majors in both philosophy and psychology, as well as minoring in cognitive science. He plans to go on to graduate school and receive his doctorate in cognitive science. From there he would like to pursue a career in academia, teaching and performing empirical and philosophical work in cognitive science. Poster 177

Mike McNeley started in SAS with a Physics major but transferred to SOE in Spring 2009 to Material Science and Engineering. His special interests are in nanophysics and nanostructures. Poster 116

Amanda Mei is a graduating senior applying most of her last semesters into research in Dr. Thomas Kusch's lab. She will be receiving her degree with a major in Molecular Biology Biochemistry and a minor in Art History. Her plans for the immediate coming years is to participate in full time research but her ultimate goals are to attend graduate school and obtain a PhD. Poster 57

Vincent Mejia is a University College Senior holding an Ancient History/Classics program major, and an Italian minor. Additional interests include Middle Eastern studies, Religious studies, Cultural Anthropology and both Semitic and Indo-European languages. He is presently a Rutgers Graduate School of Education applicant for the Master of Education program. Poster 239

Jeffrey Melillo is a senior at Rutgers College majoring in English, minoring in Psychology. Upon graduation, he will attend the Rutgers Graduate School of Education to obtain a Masters Degree in Education. He is also an English Honors student and plans to teach high school English. He is especially interested in the gothic features of nineteenth century American literature and its psychological implications. Paper 10:00 a.m.410AB

Roel Mercado is a second-year student at the School of Engineering, pursuing a dual-degree in Physics and Chemical Engineering. He is from the town of Fords in Middlesex County. His main field of interest is in high-energy experimental physics and plans to go to graduate school to conduct research in elementary particles. In his free time, he is involved in musical theater as a pianist. Poster 121

Courtney Merlo originally attended Rutgers on a full academic scholarship in pursuit of an English degree. She decided to return to Rutgers after discovering her desire to study religion. Since, then she has maintained a full time position at the local family owned restaurant the Frog and the Peach. Over the last year, she has continuously performed community service at Elijah's Promise. Courtney is currently investigating graduate schools for religion and hopes to earn her doctorate. Paper 1:00 p.m.410AB

Katelyn Michaud is a senior at Rutgers, majoring in English and minoring in Women's and Gender Studies, anxiously awaiting graduation in May 2009. She was introduced to Sex and the City the fall of her freshmen year and, after finding interest in feminism and feminist thought, began to critically think about the roles this media has in relation to gender norms in American culture. She also like trees and dirt. Paper 9:00 a.m.407

Hoda Mitwally is a School of Arts and Sciences sophomore double majoring in History/Political Science and Middle Eastern Studies. After graduation, she hopes to pursue Middle Eastern Studies at the graduate level. Hoda is an Avesty Research Assistant for Dr. Deepa Kumar on the topic of U.S. foreign policy and media coverage of political Islam. Poster 217

Maria Montano is a junior at Cook College, majoring in Biotechnology. She is a member of the G.H. Cook Honors Program and has plans to pursue a Ph.D in molecular biology or a related field upon graduating. Her research is focused on determining the molecular mechanisms by which Ricin, a plant biotoxin, kills cells and its critical interactions with ribosomes. Poster 86

Hawwa Muhammad is a senior majoring in Political Science graduating in May 2009 from Rutgers College. Intrigued by the growing phenomenon of many African students flocking to universities abroad to further their education, led her to focus her thesis on her native country Nigeria. She is looking forward to combining disparate interests to create and inspire innovative approaches towards tackling issues in development. She loves learning languages, trying new foods, traveling, and meeting new people. Poster 231

Kasturi Mungale is a sophomore majoring in Biomedical Engineering and intends to minor in Psychology. She is currently working with Professor Alan Leslie on moral reasoning in preschool children and "the theory of mind" mechanism in his Cognitive Development Laboratory. She is interested in neuroengineering and learning more about autism. She is also currently working as a lab consultant at the New Brunswick Computing Services. Poster 151

Stephanie Murray is doing a joint major in Political Science and History with a minor in Chinese and Philosophy. She is an active member in the Rutgers West Indian Student Organization, President of Amnesty International, a member of Phi Alpha Delta, the Honors Program, and National Society of Collegiate Scholars. She is a work study student for the Sociology Department. Poster 222

Rotem Natflovich Poster 27

Adam J. Nagy is a fourth year Mechanical Engineering student enrolled in the bio-mechanical option offered in the School of Engineering Mechanical curriculum. He is expected to graduate this spring and has recently been accepted into the MS graduate study program offered by the Mechanical and Aerospace Engineering department. Poster 113

Jay Naik is a junior majoring in Biomedical Engineering. He hopes to one day further the research he has done as an undergraduate and seek higher education. Paper 11:00 a.m.402

Sakina Namazi is a senior majoring in art history. She is the president of the Rutgers Art History Students Association and co-chair for the Zimmerli Student Advisory Board. Sakina is also an academic year intern for the Whitney Museum of American Art in New York City. She wants to take a year off to travel and work; but hopes to attend graduate school next fall, where she plans on obtaining a doctorate degree in American architectural history. Paper 9:00 a.m.402

Thomas Neubauer is a junior in the School of Engineering studying Biomedical Engineering and Military Science in the Army ROTC program on campus. Outside of classes he volunteers at a local rescue squad as an EMT and works part time in the NJARNG. His goal after he finishes his undergraduate degree is to attend medical school and become a doctor in the U.S. Army. He is specifically interested in emergency and trauma surgery. Poster 103

Oluwatobi Olubnjo is a junior majoring in Molecular Biology and Biochemistry. Her minor is Environmental and Business economics. Poster 58

Katherine O'Malley is a senior at Rutgers University, majoring in Sociology, minoring in Psychology. She has always been interested in studying gender and looking at whether or not differences between men and women are biological or if they are socially constructed. In addition, she is very interested in the teaching profession, and so this project was the perfect opportunity for her. Poster 191

Michelle Oo is a fourth year at Rutgers University majoring in Biology and Minoring in Psychology. Poster 155

Francis Ortega is a fifth year senior at Cook College majoring in both microbiology and biochemistry. He is involved in many community organizations, and has chaired a number of events for the Recreation Activity Council and is an assistant instructor for the Rutgers University Martial Arts Club. He has co-lectured in the Readings in Biology course for General Honors Students at the School of Environmental Sciences and is working on his GH Cook Scholars undergraduate thesis with Dr. Max Häggblom. Poster 51

Ajala Osagie is currently a senior at Rutgers University, completing a major in biological sciences and minors in chemistry and nutrition. Her previous research projects include "Mapping of CXCR4 N-terminus residue critical for ligand binding and activation." Her previous laboratory research in addition to her current project about SISTA reflects her career interests. Ajala's affinity to both the sciences and socioeconomic health disparities has influenced her to become a physician serving in disadvantaged communities. Poster 198

Nikolay Ouzounov is a Molecular Biology and Biochemistry major who is graduating next year with plans to attend graduate school. Born in Bulgaria, his interest in science started at an early age and has continued to grow since then. For the past two years, Nikolay has been studying neurodegeneration by working with *C. elegans*. Poster 67

David Palis is a sophomore Biomedical and Biochemical Engineering student. He is one of the Engineers Without Borders student leads who traveled last year to Thailand and plans on returning this summer. Poster 94, 99

Jacqueline Palmer is a third year pharmacy student at the Ernest Mario School of Pharmacy. She took a great interest in health disparities after completing a summer internship with Project L/Eam. In the future she hopes to be a pharmacist involved in making an impact not just on individual patient care but also on the health care system in general. Poster 200

Neelang Parghi is a cell biology student in the School of Arts and Sciences. After completing a journalism degree and working as a science reporter, he decided to pursue scientific research. This path led him to Rutgers University and the Aresty Research program, where he works as a research assistant in the lab of Dr. Richard Padgett. Poster 63

Ankit Parikh is a junior majoring in Cell Biology and Neuroscience and minoring in Psychology. He wants to pursue a career in Dentistry. As an undergraduate he wanted to broaden his horizon about various fields of sciences. When he learned about the research regarding VGF neuropeptide done by his faculty advisors Dr. Janet Alder and Dr. Smita Thakker-Varia, he was intrigued. He was amazed to think that a natural brain derived neuropeptide may play a role in depression and finding a way to increase VGF in the brain may help us cure it. Poster 21

Katherine Parisi is the current president of the G.H. Cook Biochemistry & Microbiology Club. She has been working at Dr. Max Haggblom's laboratory since September 2006 and has presented her research at the 2007 and 2008 ARC Symposium as well as at the 2007 NEMPET regional meeting and the 2008 ASM general meeting. Katherine would like to extend her sincerest gratitude to all "Bloomers" for their continued guidance and to ARC for supporting her work. Poster 49

Tapan Patel is a junior biomedical engineering major, minoring in biological sciences as well as in economics at Rutgers University. He has been working in the Stem Cell and Bioengineering laboratory of Dr. Li Cai since the Fall of 2007. He became interested in the fields of tissue engineering, stem cell fate determination, and early development during the freshman year of college. After completing his engineering degree, he aims to pursue an MD degree. Poster 102

Karnik Patel is a graduating senior majoring in Biological Sciences at Cook College. After receiving his Bachelor of Science, he plans on pursuing medical school. Aside from research, Karnik was involved in the Residence Life and Cook College Leadership Development Programs during his college career. Poster 3

Kevin Patel is a Rutgers College Senior graduating in May with a major in Genetics and a minor in Psychology. Poster 43

Smruti Patel a senior is double majoring in Cell Biology and Neuroscience and Psychology. Her fascination with the human brain and behavior led her to pursue research in behavioral neuroscience. She has been working on and expanding this project for almost two years for a senior honors thesis in Psychology. After graduating this May, she plans on pursuing a medical degree at UMDNJ/New Jersey Medical School to further explore her interests. Poster 85

Mira Patel is a second year undergraduate student in the School of Arts and Sciences. She is a member of the Aresty Research Assistant Program and is majoring in molecular biology and biochemistry. Poster 140

Puja Patel is a Cook College junior majoring in Biochemistry. She has been working in Dr. Elisabetta Bini's Microbiology Laboratory since the Fall 2008 semester. She is currently the Marketing Chair of Phi Delta Epsilon Pre-Medical Fraternity and Treasurer of Rutgers' multicultural organization Diversity WORKS. After graduating, she intends to study medicine. Poster 50

Kruti R. Patel is a junior at Rutgers University majoring in Biological Sciences and South Asian Studies. She is very passionate about the sciences and wants to continue her education at Medical School with a career in family medicine. Working in the grant lab has been very rewarding and she plans to continue research in a clinical setting in the future. Poster 72

Kruti D. Patel is a Douglass College senior majoring in Honors Psychology. Her primary interests lie in the etiology of mental disorders and cognitive abilities. After graduating in May 2009, she hopes to pursue graduate studies in Clinical Psychology. Poster 82

Laryssa Patti is a Rutgers College Honors program junior and a BA/MD with UMDNJ/Robert Wood Johnson Medical School. She is a Genetics major and Psychology minor. She began researching under Dr. George Wagner in Spring 2007. Poster 148

Camille Paunon is a sophomore at the School of Environmental and Biological Sciences majoring in Nutritional Sciences. She is a participant in the Aresty Research Assistant Program. She aspires to have research experience! Poster 180

Linda Marie Pedro will be graduating from The School of Environmental and Biological Sciences in May 2009 with a Bachelor of Science in Animal Science and a Bachelor of Arts in Psychology. She looks forward to continuing her education in pursuit of a DVM degree in Fall 2009 at Cornell University College of Veterinary Medicine. Poster 2

Ramona Perry is a rising senior at Rutgers University where she majors in Communication and Psychology. As an undergraduate student Ramona has always been interested in learning about research, and was excited about having the opportunity to train in research and learn about Graduate School through her participation in Project L/EARN. She currently works with Dr. Kathleen Pottick and plans to pursue an advanced degree upon graduation in December 09. Poster 202

Jay Peters is currently a sophomore at Rutgers University, and is double majoring in Accounting and History. He is a member of Hillel and Chabad, and goes to meetings of the Rutgers Yiddish Club and the Anthologist. Jay enjoys playing chess and reading books, especially science fiction and fantasy. Poster 205

Kathryn Pilewski is a Douglass College senior majoring in Nutritional Sciences, Dietetics. She has worked in many areas of the field, including at St. Clare's Hospital, at a dietitian's office, and this past summer as an intern at Duke University. She is interested in nutrition as it relates to public health and hopes to work at a university with students and athletics. Kathryn will present her honors thesis work at Experimental Biology in New Orleans. Poster 76

Adip Pillai first started to become interested in research towards the end of his sophomore year. As an incoming freshman, he had a very wrong impression of what the field of research entailed and never considered it as a possible career. He wanted to pursue a G.H. Cook project to gain a better understanding about a career in research. His current goal is to go to medical school. Poster 4

Joseph Pittappillil Poster 220

Madhurya Polavarapu is a senior at Rutgers College double majoring in Molecular Biology and Biochemistry and Psychology. After graduation in 2009, she plans to pursue a career in either medicine or research. Poster 17

Angelica Poon is a School of Arts and Sciences Sophomore majoring in Business and minoring in Biological Sciences. She joined this lab because she was interested in organizational justice and communication amongst people in the workplace. Poster 165

Lisa Prevedel is a junior majoring in genetics and minoring in economics. She has been working in Dr. Edey's circadian rhythm lab for the past year studying circadian rhythms. After she graduates, she hopes to work in a pharmaceutical or biotech company and attend graduate school. In her spare time, she loves working out either at the gym or running. Poster 69

Gwen Prowse Paper 1:00 p.m.411AB

Laith Qumei came from a family dedicated to humanitarian effort, so it has been her ultimate goal in life to empower people and provide them with the opportunity to live according to their potential. Her fascination with biology and engineering has provided her with a passion and tool to accomplish such a goal. With an interest in neuroscience and rehabilitation, she seeks to pursue a doctorate in biomedical engineering and help develop medical technology. Poster 105

Vlad Radulescu is a biology major applying to medical school. He started his athletic career as a Rutgers rowing walk-on where he discovered his passion for endurance sports. However, the team lost their varsity status after his second year as well as the coveted lightweight team coaching staff. Soon thereafter, Vlad walked off the team and took up club cycling, intramural soccer, and recreational swimming until he discovered triathlons. It was while reading about the stories of handicapped athletes achieving the seemingly impossible at Ironman that Vlad was inspired. His immersion in the sport sparked the idea that led to the topic of this thesis. Paper 10:00 a.m.407

Hussein Rahim is senior at Rutgers College majoring in Genetics. He has worked at the Cancer Institute of New Jersey since February 2006 on a variety of basic science and clinically oriented projects. Poster 39

Divino Rajah is a senior at Cook College. His major is Biological Sciences. He has been doing research since high school and has been working in Dr. Lawton's lab for 3 years. He hopes to enter graduate school to further his studies. Poster 87

Megha Rajpal is a sophomore, majoring in Cell Biology and Neuroscience. She is aspiring to become a doctor one day because that is something she has dreamed of all her life. Working in this lab has brought her closer to her dreams and makes her realize that maybe what she wants to do in the future is work with cancer patients and continue research. Poster 28

Abdullah Rasheed graduated from Millburn High School in 2007 with honors. He is an honors student in the School of Arts and Sciences. A sophomore, he is double majoring in Biology and Information Technology & Informatics. Upon graduation he plans to attend medical school. Poster 97

Shayan Rashid Poster 178

Ramya Raviram is a senior majoring in Biotechnology with an option in Bioinformatics and will be graduating in May 2009. She has worked as a research assistant in the plant biology and pathology department and is currently working as an intern at Defined Health and a calculus tutor at the Rutgers Learning Center. After graduation, she would like to work in the pharmaceutical and biotechnology industry and contribute to research and development. Poster 81

Chris Redmond is a senior Cell Biology and Neuroscience/Public Health double major. Chris has worked in the Covey lab for the past two years. When not in the lab, Chris is the President and an elite racer for the Rutgers Cycling Team and President of the Children's AIDS Network. Chris would like to thank the members of the Covey lab, past and present, and the Kiledjian and D'Arcangelo labs for their help with this project. Poster 24

Thomas Reesbeck is a senior mechanical engineer hoping to complete his research project. He plans to enter the engineering field and continue his education after some hands on experience. He enjoys basketball, wrestling, and Frisbee. Along with his research on the knife-fish, Thomas is also completing his senior design project which models the fluid flow of blood in the aorta and how blockages change the flow. Poster 112

Cortney Reger Poster 161

Adnan Riaz began research the summer after his freshmen year when he received the Aresty Summer Science Research Fellowship to work in the Irvine Lab at the Waksman Institute at Rutgers University. He has since worked there for another summer with the Rutgers DLS Summer Undergraduate research fellowship and the past four semesters for academic credit. He has learned a lot and worked on several projects while working at the Irvine Lab. Poster 70

Michelle Ringel is a sophomore, double majoring in Journalism and Media Studies and Psychology. One day she hopes to become a broadcast journalist reporting on Health and Wellness. Michelle is very active in her sorority Sigma Delta Tau and the National Collegiate Honor Society. In her free time she enjoys running, road bicycling, playing tennis, and traveling. She is very grateful to Professor Heffner, the Aresty program, her parents, twin brother, and friends for their love, guidance, and support. Poster 216

Hira Rizvi is a Cell Biology and Neuroscience major, class of 2010. She has been working in the Moghe lab since June 2008 on profiling human mesenchymal stem cells and looking at stem cell/maternal interactions. In the future she hopes to go to medical school and become a doctor, hopefully in the field of oncology. Poster 98

Janis Rodgers is an Evolutionary Anthropology major from Douglass College. She has spent a life-changing past two summers in Kenya as a student and intern on the Primatology, Wildlife Ecology and Conservation Field School. During this field school, thanks to Professor Jack Harris and a generous Aresty Research grant she had the opportunity to conduct her own original research at the Tana River Primate National Reserve in Kenya. She hopes to return this summer to continue with new research questions. Poster 45

Alexis Roldan is a sophomore double-majoring in Biological Sciences and English. She is currently pursuing medical school but also loves writing creative stories and poetry. A member of The Examiner, Foundation of International Medical Relief for Children, and AMSA, she enjoys being active in the Rutgers community as well as playing the piano, spending time with her family, and exercising at the fitness center. Poster 8

Edward Ronan is a sophomore in the School of Arts and Sciences pursuing a double major of Physics and Mathematics. His interests include experimental and theoretical particle physics, and mathematics. His goal is to attend graduate school and earn a PhD studying theoretical particle physics. Edward's other interests include reading and basketball. Poster 121

Kimberley Roode is a senior in the School of Arts and Sciences, majoring in Art History with a minor in Women's and Gender Studies. She plans to graduate in May 2009 and will be pursuing an advanced degree in Arts Administration. Her interest in the work of Nikki S. Lee has been ongoing for years, and the opportunity to engage in extended research on the topic has been richly fulfilling. She hopes her work will encourage others to investigate contemporary photography on a deeper level. Paper 9:00 a.m.410AB

Michelle Rosenberg was born in West Orange, NJ. Besides studying at Rutgers, Michelle also studied in Jerusalem, Israel and Urbino, Italy. Michelle has worked at the Zimmerli Art Museum and The Museum of Arts and Design. Michelle was a counselor for at-risk youth at the AMARD&V camp, helped plan an Alternative Spring Break trip to Nicaragua, and founded the PBJam Mentorship Program. She enjoys creative writing, painting, hiking and traveling. Paper 9:00 a.m.410AB

Alex Rozenberg is a Rutgers College senior double majoring in Chemistry and Biomathematics. He is currently completing his senior honors thesis for departmental honors in Chemistry under the supervision of Dr. Jeehmi Lee. Next year, he will attend medical school to pursue his research and clinical interests. Poster 136

Rachel Rubinstein is a fourth-year Psychology major and a member of the Rutgers College Honors Program. This is her seventh semester in Professor Lee Jussim's Social Perception Laboratory researching racial stereotypes. After graduation, she intends to pursue a Ph.D. in Social Psychology. Paper 11:00 a.m.410AB

Jen Ruddock was born in Portsmouth, United Kingdom. She is currently a Douglass College senior, double majoring in Labor and Employment Relations and Economics. During her time at Rutgers University, Jen has developed a passion for issues concerning global affairs. Jen aspires to become a writer and researcher on the topics associated with globalization and trade. In addition to her academic interests, Jen has a love for travelling and salsa dancing. Paper 2:00 p.m.410AB

David Ruffner is a Rutgers College senior majoring in physics and minoring in German and Math. This research project has been a great chance to see what condensed matter physics is all about. He is looking forward to continue studying condensed matter physics in graduate school. He is from East Brunswick, NJ, although he is originally from Manassas, VA. Paper 10:00 a.m.402

Andrea C. Rydel is a Senior majoring in Psychology. She is involved in The Human Emotions Laboratory under the aegis of Jeannette Haviland-Jones, Ph.D. She is President of the Rutgers Chapter of Psi Chi and Founder of 'The Big Sibling Program,' a mentoring initiative for psychology majors. Poster 176

Christopher Rzigalski is an American Studies major with a Critical Sexualities minor. His future plans include going to graduate school and continuing his work in American cultural studies with concentrations on Beat generation literature and the socio-historical significance of rock and roll music. Paper 10:00 a.m.407

Elizabeth Sahner is a sophomore pursuing majors in Spanish and History and a minor in Latin American Studies. She studied in Spain last summer and hopes to study abroad again during her time at Rutgers. In her spare time Elizabeth loves to read, run, and spend time with friends and family. Elizabeth would like to thank Camilla Stevens for all her help and guidance with this project. Poster 236

Fariha Saleem is a senior at Rutgers University majoring in exercise science and sports studies with a minor in psychology. Over the past year she has worked with Dr. Aiello in his social/organizational lab. After graduation, she plans to attend medical school with a focus in sports and psychiatric medicine. Her research experience at Rutgers has given her a greater understanding of the research process in an academic setting. Poster 159

Jessica Santos is a senior at Rutgers University Cook Campus. She is majoring in animal science and minoring in education. She aspires to become a veterinarian to help education the public about animals. Poster 181

Nismah Sarmast is junior at Rutgers SAS. She has been researching in the lab of Dr. Kim McKim since June 2008. She started researching as part of the Aresty Summer Science Program and has continued her research in Dr. McKim's lab since. Research has been a rewarding experience, and she is glad that she was given the opportunity to enter a lab at an early stage of her college career. Poster 35

Nicholas Sawyer is a junior in the Cook biochemistry program. Poster 12

Marcela Scarsco is a student in the "Luiz de Queiroz" College of Agriculture, University of São Paulo, Brazil. Poster 90

Curtis Schauder is a junior majoring in Molecular Biology and Biochemistry here at Rutgers. He recently transferred to Rutgers from the University of Pittsburgh. He has been conducting research since his freshman year of college and hopes to continue on to graduate school after he graduates. Poster 55

Jessica Schink is a Senior at Rutgers University, graduating this spring as a History major and Art History minor. She decided to major in history as a direct result of Rutgers' unique offering of Native American history courses and exceptional Latin American historian faculty. After graduation, she plans to spend three months studying Spanish and volunteering in Bolivia, after which she hopes to apply to a history Ph.D. program. Paper 2:00 p.m.411AB

Mark Seitel is a fourth year senior of Mechanical and Aerospace Engineering, working under Dr. Jerry Shan. Mark has a strong interest in fluid dynamics, Dr. Shan's area of expertise, and plans to continue his studies of fluids in his graduate level education next semester and by carrying on his research with Dr. Shan. Mark began work examining static light scattering in the summer of 2008 and has continued his work in this area up until this point. He enjoys the challenges of research and the hands on experience it provides, and he hopes it will prepare him for workforce after completing his Master's studies. Poster 109

Virian Serei is a student leader and has been involved with New Student Orientation, Relay for Life, and Designer Genes. Virian has also presented her research at the 15th Annual University of São Paulo International Science Symposium in Brazil and most recently at the NIEHS Superfund Basic Research & Training Program 2008 Annual Meeting. Virian will be graduating this May from Cook College majoring in Biotechnology and minoring in Biochemistry and Nutrition. Poster 10

Arohi Shah is a sophomore in the School of Arts and Sciences, majoring in Cell biology and Neuroscience with a minor in history. Poster 166

Shreyas Shah is in his third undergraduate year at Rutgers University, pursuing a Biomedical Engineering degree from the School of Engineering. With his main interest in molecular bioengineering, he is conducting research in the field of nanobiotechnology under the guidance of Dr. Ki-Bum Lee. He has obtained training in the synthesis of semiconductor nanocrystals and in the fabrication of microenvironments using soft lithography techniques. Shreyas hopes to attend graduate school for study in biotechnology. Poster 89

Dharika Shah Paper 1:00 p.m.402

Sneha Shah is a sophomore in the School of Arts and Sciences, majoring in Cell Biology and Neuroscience with a minor in music. Poster 166

Mitalie Shah is a senior, majoring in Biological Sciences. She has been conducting research in Dr. Monica Driscoll's laboratory at the Nelson Laboratories since the summer of her sophomore year. She will be completing her Honors thesis this year. She wants to pursue the field of cardiothoracic surgery in medicine ahead. Poster 73

Siddhi Shah is a senior at Rutgers University and will be graduating in May 2009 with honors in Psychology and minors in Sociology and English. After working in Dr. Contrada's Stress, Health, and Adaptation Lab as well as the Eating Disorders Clinic she became interested in the role of stigma and culture in eating disorders which developed into her senior thesis. After graduation she plans to pursue a Ph.D. in Clinical Psychology. Poster 156

Mahima Shah is sophomore pre-medical student in the School of Arts & Sciences' Honors Program. She is currently majoring in Economics and minoring in Psychology at Rutgers University. Upon graduation, she plans to pursue a career in medicine. As an Aresty Research Assistant under Dr. Contrada's Thinking about Health lab, she finds it a great experience to get an understanding of the psychology aspect of healthcare communication. Poster 171

Theresa Sharin is a senior at Douglass College where she majors in Psychology. She plans to obtain a Masters in Public Health and a Ph.D. in Clinical Psychology. She is interested in doing research on children with severe psychological disorders in the future so she can implement ways to improve their cognitive, behavioral, and motor development. Poster 154

Vaibhav Sharma is a sophomore at Rutgers SAS majoring in Mathematics and Professional Track Physics and minoring in Chemistry. Paper 10:00 a.m.402

Nadia Sheikh-Bandukda is the Membership and Communications Coordinator for the New Jersey Immigration Policy Network. This past summer she completed a fellowship at Princeton University's Woodrow Wilson School of Public and International Affairs and hopes to go to law school next Fall. Recently, she traveled to Cairo, Egypt to work on a research project on the future of Egyptian youth. She will be graduating from Rutgers University this May with a B.A. in Political Science. Poster 195

Hannoch Sheps feels this research is reflective of his character in that like the artist he tries and broaden conventions and strengthen his religious convictions. He has always loved art history in that he combines it with his love for travel and experiencing new cultures. As a senior he looks forward to giving something scholarly back to the Rutgers community as Rutgers already has given him many rewarding experiences. Paper 9:00 a.m.411AB

Aleksandra Sherman is a senior studying Cognitive Science and Art History. Her interests in interdisciplinary perceptual interactions prompted her explore object recognition across domains. When she graduates, she will continue her education by working towards a PhD in perception and neuropsychology. Poster 179

Rutva Shukla is a senior undergraduate double-majoring in Genetics and History and minoring in Religion. Paper 1:00 p.m.410AB

Yuriy Shymkiv was born September 1987, in Temopil, Ukraine. He went to school in Temopil for 6 years and moved to the United States. In United States he completed high school, and currently is in his last year at Rutgers University. He is majoring in Molecular Biology and Biochemistry and minoring in Physics. He has been doing research in Department of Pharmacology in UMDNJ for over a year and planning to graduate with honors in MBB this May. Poster 80

Herbert Silva is a sophomore at the school of Engineering at Rutgers University. He will be majoring in Aerospace and Mechanical Engineering with a minor in Mathematics. He is the academic chair for the Society of Hispanic Professionals Engineers at Rutgers Chapter, a student representative at the Engineering Government Council, and a member of the National Society of College Scholars. Poster 117

Julia Simon is a member of the Rutgers College class of 2010. She is a Cell Biology and Neuroscience and Art History double major; hoping to pursue a career in the health professions. Her on-campus activities include the Rutgers Art History Student Society, the Student Society for Stem Cell Research, and Unite for Sight. Furthermore, she is currently pledging the coed honors fraternity Phi Sigma Pi. Poster 14

Asha Singanamalli is a sophomore pursuing B.S in Biomedical Engineering. She works under Dr. Shreiber studying the biomechanical effects of Acupuncture. Poster 107

Mariya Skvortsova has been studying this project under the direction of Dr. Eric Lam and Dr. Naohide Watanabe. She has been working on this project since Summer of 2008. She is an undergraduate in her junior year at the department of Genetics. Poster 42

Avi Smolen is a graduating senior in the Rutgers College Honors Program, with a major in political science and double-minor in psychology and Jewish studies. His involvement on campus has included leadership roles in Rutgers Hillel, Rutgers Oxfam, Rutgers College Honors Program, Faculty Committee on Honorary Degrees, and Cap & Skull Honor Society. After graduation Avi hopes to pursue a career in international development with a focus on human rights. Paper 2:00 p.m.411AB

Eugene Sosnov is a senior in Mechanical Engineering. He is interested in fluid mechanics and has a special interest in micro and nanofluidics. He is also interested in science that will help others such as water decontamination. He has been admitted into the five year BSMS program. In the future, he intends to pursue his doctorate degree. Poster 138

Sandy Stershic is a psychology major and philosophy minor, graduating in May 2009. Before working on her own thesis, she participated in faculty research dealing with individuating information and self fulfilling prophecies. Her main goal is to attend graduate school for her Ph.D. Poster 168

Michael Strug is a senior at the School of Environmental and Biological Sciences, majoring in Biotechnology and Animal Science. His goal is to attend medical school and become a practicing doctor in the field of Reproductive Endocrinology and Infertility. He is doing independent research as part of the G.H. Cook Honors Scholar program and has been a member of the General Honors Program for the past four years. Paper 1:00 p.m.407

Michael A. Stuzynski is graduating in May with a B.A. in English Literature. While at Rutgers, he was the Opinions Editor at the Daily Targum, and founded The Johnsonville Press. He has applied to Teach For America, after which he would like to pursue a joint J.D./Ph.D program in Constitutional Law and English Literature or Sociology. He wants to use his legal career to uphold the intent of the Constitution and advocate for the protection of individual rights. Paper 11:00 a.m.411AB

June Sultan is a member of the Rutgers University School of Arts and Sciences Honors program and a double major in Linguistics and Psychology. She hopes to pursue a career in Speech Pathology. Poster 182

Kate Sullivan is a sophomore at Rutgers University, anticipating to graduate in May 2011. She is a Bioenvironmental Engineering major and German Language and Literature minor. She is also a member of the Society of Women Engineers and the German Living and Learning Community on the College Avenue Campus. The Aresty Research Assistant Program 2008/2009 is the first research project in which she has participated so far at Rutgers. Poster 232

Kristi Sun is a junior majoring in political science and journalism at Rutgers School of Arts and Sciences Honors Program. She is from Hong Kong and is also a member of the Rutgers Debate Union and National Society of Collegiate Scholars. Poster 203

Pratik Suratia is a sophomore majoring in chemical engineering. He started this research with Professor Talaga as a part of the Aresty summer research program. His research is based on studying the properties on the nanocapillary membranes under the effect of electric potential. Poster 133

Arthur Suszko will be graduating with B.S. in Mechanical Engineering in May 2009. Poster 111

Anna Sweeney is a senior at the School of Environmental and Biological Sciences, majoring in Environmental Policy, Institutions and Behaviors with minors in Environmental and Business Economics and Planning and Public Policy. Her research was conducted as part of the George H. Cook Scholars program under the guidance of Dr. Andrew Pleasant. Next year, she will attend law school, focusing on environmental and land use law. Poster 131

Apurva Tamhane is a student in the School of Environmental and Biological Sciences working towards a major in biology and minor in psychology. Her interest is in the field of reproduction, as it is highly diversified. During her time at Rutgers, she hopes to become educated in this subject and gear it towards attaining her ambition, to become a doctor. Working in Dr. Mehmet Uzumcu's lab has been insightful as there is much knowledge to discover about fertility. Poster 7

Kai Li Tan is a junior at School of Environmental and Biological Sciences majoring in Biotechnology. She has been exposing herself to various labs working on different concentrations. Since the Summer 2008, she has been working in Dr. Steward's lab studying zfp8 gene interactions in *drosophila melanogaster*. After graduation, Kai Li plans to pursue a PhD degree in biomedical field. Poster 44

Jonathan Tang is a senior studying Mechanical Engineering. He is pursuing a double major in Mathematics as well as a minor in Economics. Jonathan first met with his advisor, Mitsunori Denda, in the summer of 2007. Future goals include graduate school also studying Mechanical Engineering, and working in the industry. Paper 10:00 a.m.402

Evan Taparata is a Rutgers College senior majoring in History and English. When not working on his honors thesis, he can be found tutoring at the Livingston Writing Center or working as a research assistant with the Department of Latino and Hispanic Caribbean Studies. Actively involved with the Roosevelt Institution and the Interest Fund, New Brunswick's first student-run, nonprofit micro-lending organization, Evan is looking forward to applying to graduate programs in American History next fall. Paper 11:00 a.m.407

Abeer Tawil is a senior at the school of Biological and Environmental school. He is a Biochemistry major with a minor in Biological Science. He is doing an internship in the Center for Vector Biology. He hopes to be able to find a good job after his graduation that will utilize his education and add to his limited experience. Poster 32

Haim Tawil is a junior in the Biomedical Engineering department interested in Molecular and Tissue Engineering. He has been doing research under Dr. Li Cai for about a year now, and has been inspired to continue his research efforts after the completion of his undergraduate degree. Poster 106

Rannie Teodoro is in her senior year majoring in Communication and Political Science. She presented her research on effective alcohol advertising message strategies in the 2007 ARC Research Symposium. Her other notable presentations include discussions with former Surgeon General C. Everett Koop and former governor Christine Todd Whitman. She is currently an RA on Busch campus and is completing her senior honors thesis under the supervision of Professor Itzhak Yanovitchy. Poster 214

Surein Theivakumar is really interested in research since he feels that it is a great way to apply what he has previously learned as well as learn many new things that cannot be taught in the classroom. He has been doing research by assisting graduate students with their projects for the past year and has really enjoyed what he has done and learned. He feels that doing his own project now will be a great experience. Poster 1

Tara Thompson is a Rutgers Senior majoring in Psychology. She is an Honors Psychology student currently doing research at Yale University that involves genetic polymorphisms and child psychiatric disorders. She has also done research at the University of Maryland studying the association between assessments used to diagnose children with developmental coordination disorder (DCD). Her future goals are to attend Medical School and obtain an MD/PhD degree in Psychiatry and Molecular Genetics. Poster 83

Ryan Thorpe is a Rutgers College senior majoring in Physics and Math. He plans to continue his study of physics in graduate school. Poster 118

Kerrie Tiedemann is from Edgewood, Maryland. She is currently a Cook College senior majoring in Animal Science and minoring in Ecology and Natural Resources. She has assisted with alpine goat behavioral research, as well as white-tail deer population control research. For the past year she has been working with New Jersey Fish and Wildlife's biologists with their ongoing black bear research and monitoring. Poster 128

Alexey Titovich is a senior majoring in Mechanical and Aerospace Engineering at the School of Engineering at Rutgers University. The research he is presenting was conducted for the J.J. Slade Scholar Undergraduate Research Program. Primary areas of research include impact dynamics and material sciences. The studies conducted in material sciences encompass the response of structures to electro-active actuation, emphasizing laminates. Alexey is a Dean's List student, and a recipient of numerous scholarships. Poster 110

Kate Tooker is a senior in the School of Arts and Sciences. An American Studies major with a minor in History, Kate is particularly interested in Italian-American culture and history. Her advisor Dr. Michael Aaron Rockland was an invaluable source of wisdom regarding the Italian-American Mafia. The varied pursuits of the American Studies major, especially film, the arts, and history, were a great resource in composing this research. Kate will be attending law school in the fall. Paper 11:00 a.m.410AB

Robert Toth is a fourth year undergraduate majoring in Biomedical Engineering. He has done extensive work in the field of medical image analysis, and will continue his education in Graduate School here at Rutgers. Paper 11:00 a.m.402

Anna Urbaniak is a graduating junior who is a Psychology Major and Sociology Minor. Anna is a member of Professor Lee Jussim's Social Perception Lab and is working on her Honor's Thesis with Professor Maurice Elias. She is hoping to further her education by getting into a clinical psychology doctorate program. Poster 160

Jennifer Van Saders is an astrophysics major and will be attending graduate school in astrophysics next year. Poster 120

Jennifer Vergeon is a senior double majoring in Sociology and Public Health at the Edward J. Bloustein School for Planning and Public Policy. She currently serves as the Public Relations chairperson of the Edward J. Bloustein Public Service Association (EJBPSA). Jennifer plans to attend graduate school for Public Health, and in the future, pursue a career that focuses her interests of epidemiology, health disparities, and disease prevention. Poster 192

Rodrigo Eiji Yamagata Viana is a student in the Departamento de Engenharia Mecatrônica e de Sistemas Mecânicos, Escola Politécnica, Universidade de São Paulo, Brazil. Poster 92

Chirag Walawalkar is a Biomedical Engineering student at Rutgers University, and a member of the Honors Academy. He became interested in Dr. Li's research in the field of controlled drug delivery after learning about the various methods that are currently being investigated. He is currently working on a project which involves controlled reverse iontophoresis for glucose monitoring. Poster 104

Victoria Wang is a School of Arts and Sciences Honors Program sophomore who is double majoring in Public Health and Economics. She is also a dancer and choreographer in the Rutgers Performing Dance Club and a child's mentor in Pilot Me. Poster 209

Datrell Ward was born and raised in Passaic, NJ. As a Rutgers student, he majored in Biology Sciences as a member of the Livingston Honors Program. It has always been his dream to become a physician. Participation in programs like Office of Diversity Academic Success in Sciences (ODASIS) and Project L/EARN have helped him make that dream come true. Next fall he will attend Medical School at the University of Medicine and Dentistry of New Jersey. Paper 1:00 p.m.410AB

Shari Wejsa is a History and Spanish double-major at Douglass Residential College, and a student in the Graduate School of Education's 5-Year Social Studies Education Master's program. She will complete her BA degree in May 2009. She studied abroad in Valencia, Spain during the Spring 2008 semester. This experience greatly inspired her research on the Spanish Civil War as she witnessed the devastation that the conflict had on Spanish identity. Paper 11:00 a.m.407

Artemus Werts is currently in his sophomore year majoring in history, with minors in Africana Studies and Spanish. With his history major, Artemus plans to complete a doctoral study focusing on the African Diaspora and Latin America. Ultimately, he hopes to become a University Professor. On-campus, Artemus is president and founder of a newly formed book club, READ, is an NSCS member and has recently joined the RU Roadrunners running club. Poster 227

Kate West is an English major at Rutgers. Poster 235

Melody Wilding is a Senior who is graduating in May from Rutgers College and has steadily maintained a 4.0 GPA. Active in cognitive psychology research for 3 years, she serves as Laboratory Manager of the Rutgers Human Development Lab. Melody also serves as an intern to the New Jersey Folk Festival held on Douglass Campus. She will be attending graduate school in the Fall at Columbia University to pursue a degree in Social Work. Poster 163

Sjocquelyn R. Winstead is a resident of Hillside, New Jersey and a graduating senior at Douglass College, Rutgers University. She participated in the Rutgers Study Abroad Program at the University of KwaZulu-Natal, South Africa in fall 2007, and is also a McNair and Africana Studies Scholar. She is pursuing a B.A. degree in History and Africana Studies. After completing undergraduate studies, Sjocquelyn plans to pursue a Ph.D. in History with a concentration in African-American history. Paper 1:00 p.m.411AB

Krzysztof Wojtak is a Rutgers College Honors Program senior double majoring in Chemistry and Cell Biology & Neuroscience, with minors in Physics, Mathematics, and Education. He is a Paul Robeson Scholar completing his Departmental Honors Thesis in Chemistry on research done in Dr. Eddy Arnold's laboratory at the Center for Advanced Biotechnology and Medicine. He is also a teaching assistant, which allows him to teach, and learn, about human anatomy using cadavers. Poster 141

Nicholas Wright is currently a sophomore at the School of Environmental and Biological Sciences. He is majoring in Ecology and Natural Resources and minoring in Science Teacher Education. Next Fall, Nick will apply to the Graduate School of Education in hopes of achieving a Masters Degree in Biological Science Education. Nick's appreciation for the sciences has only been strengthened by his work with Dr. Reinfelder, and he would like to thank Dr. Reinfelder for this great research opportunity. Poster 123

Sean Yeager is a sophomore enrolled in the School of Arts and Sciences and plans on majoring in physics. He worked with Dr. Larry Zamick and Dr. Yitzhak Sharon during the summer of 2008. Poster 119

Elaine Yu is a Freshmen at Rutgers University who is planning on majoring in Biomedical Engineering. Besides subjects in science and engineering, she has developed strong interest in how ethnicity and culture has direct impact on everyday communication after taking an Honors Seminar on Asian American communication. She is working with Dr. Hui-Min Kuo to expand the interests into a research project. Her findings are to be presented at this year's Undergraduate Research Symposium. Poster 213

Jessica Yueh Poster 30

Berta Yurkovsky is a junior majoring in Biological Sciences and minoring in Ecology at the School of Environmental and Biological Sciences at Rutgers University. When he graduates he plans on going to the Americorp before getting his doctorate in Ecology. Poster 129

David Zaitz has always been interested in Evolutionary theory and the biological processes which act on it. If there is one thing evolution teaches us, it is that all organisms are interconnected. It is that theory, bridged by Darwinian principles, that motivates him. There is something mysterious and yet so overwhelmingly intriguing about the origins of life. Poster 126

Jennie Zambito has always had a passion for horses, so upon entering Rutgers, she chose to direct her studies towards equine science. This project is the culmination of her work and education as an undergraduate, and a glimpse into her plans for the future. After graduation, she hopes to continue her education as a graduate student focusing on equine exercise physiology, and to ultimately make an impact on the equine industry. Paper 1:00 p.m.407

Nikolas H. Zaphiros is a sophomore undergraduate at Rutgers University (class 2011), majoring in Molecular Biology and Biochemistry, and pursuing a minor in Modern Greek studies. He currently does research in Dr. Samuel Gunderson's laboratory in the Nelson Bio Labs Building. He is also part of the Roselle Park Volunteer First Aid Squad and head manager at the Glenwood Diner and Family Restaurant. Poster 74

Jesse Zatloff is a senior here at Rutgers University and is currently completing an honors thesis in the Women's and Gender Studies department. She is a Women's and Gender Studies major and a Sociology minor, and has also constructed her own major in South Asian Studies. Last semester she studied abroad in India with Rutgers Study Abroad at St. Stephen's College in Delhi. She is planning to do graduate work in Public Health and/or Sociology in the future. Paper 9:00 a.m.407

Gregory Zegarek began working in the Firestein lab a couple of weeks ago, and is am planning to continue his work in her lab throughout his undergraduate career. He is a freshman at Rutgers, and plans on majoring in Molecular Biology and Biochemistry and Philosophy. Aside from research, he is involved in the Honors Program Tutoring Project, SAT teaching at Kaplan test prep center, and the Foundation for International Medical Relief of Children. Poster 19

Douglas Zemeckis is an undergraduate senior pursuing a bachelor's degree in Marine Science. Poster 125

David Zemel is an undergraduate with a thirst for knowledge. I am thrilled to be part of the Aresty Research Program. My research has opened my mind so much to how science is constantly evolving, and the approaches and thought process necessary to be a part of it. Poster 77

Runxiao Zhu is an Art History major at Rutgers University Class of 2009. Her Focus is on Tibetan Art and Buddhist Art. Paper 9:00 a.m.411AB

Barbara E. Zjawin is a Rutgers College honors student from Old Bridge, NJ. She is currently completing separate honors theses in Psychology and Women Studies. Barbara is in the first generation of her family to attend a 4-year college. Her accomplishments include the International Society for Developmental Psychology's Best Student Poster Award and a term as VP of Community Service for the National Society of Collegiate Scholars. She is the recipient of two Aresty Research Grants. Poster 174