

Sample Research Opportunities

Accounting & Business Ethics

Human Rights and International Trade: Social Responsibility of Business in China 2008 Santoro
 The Future of China: Social, Political, and Economic Development 2009 Santoro

Afri,Mdle E&So Asn Lng&Lit

Research Assistant - Nonconfrontational and Invisible Piety in Interactions among religious groups in New Jersey 2011 Tunagur
 Research Assistant - The Mandaeen Book of John 2011 Haberl

African Studies

Higher Education for African Americans in the New Millennium 2008 Bethel
 Issues in Black History in the Americas 2006 Butler

Alcohol Studies

Intergender Effects on Alcohol Drinking in Mice 2010 Tomie
 Persistence and Desistance in Heavy Drinking and Violence 2010 White
 Research Assistant - Emotional and Stress Response to Sensory Stimulation Study 2011 Mun

American Studies

Memoirs of the Sex Trade/Race Matters/Tangled Tropes 2009 Fishbein
 Research Assistant - "Gimme the Light": Black Self-Representation through Music Videos 2011 Fleetwood
 Tangled Tropes: Blacks and Jews in Vexed Conversation/Memoirs of the Sex Trade/RCHA Culture of the Sixties 2010 Fishbein

Animal Science

Research Assistant - Epigenetic effects of environmental endocrine disruptors on the development of the mammalian gonad 2011 Zama
 Summer Science - Epigenetic effects of environmental endocrine-disrupting chemicals on the development of the ovary 2011 Uzumcu
 Summer Science - Teenage Overindulgences: Orosensory Consequences of Adolescent Dietary Excess in Adult Rats 2011 Bello

Anthropology

Life, Death and Authority on the U.S.-Mexico Border 2010 Magana
 Research Assistant - Risk-Pooling and Social Norms: An Experimental Study 2011 Cronk
 Social Transmission Mechanisms of Cumulative Cultural Evolution 2010 Wasielewski

Art History

Architecture of American Colleges and Universities 2009 Yanni
 Photography and HIV/AIDS 2010 Sheehan
 Research Assistant - The Medical Portrait 1850-1916 2011 Sidlauskas

Asian Languages & Cultures

Narratives of East Asia in the Modern Era 2008 Schalow
 Research Assistant - Understanding Chinese through the Study of Dialects and the Writing System 2011 Simmons
 Traditional East Asia as a Distinct Cultural Sphere 2009 Schalow

Biochemistry & Microbiology

Bioremediation through Bacteria: Environmental Microbiology 2009 Haggblom
 Gene Expression in Hyper Hemophilic Microorganisms 2008 Bini
 The Role of Buried Charge in Enzyme Stability 2010 Kahn

Biomedical Engineering

Research Assistant - Gene Silencing for Control of Osteoblastic Differentiation to Inhibit Heterotopic Ossification 2011 Roth
 Research Assistant - Presenting 3-D faces in a Virtual Reality System 2011 Papatthomas
 Summer Science - Prostate Segmentation and MRI for Prostate Cancer Detection 2011 Madabhushi

Biotechnology

Genetic Engineering Biofuel Plants 2009 Di
 Glutathione biosynthesis and metabolism in Arabidopsis 2008 Martin
 Novel Therapies for Diabetes and Obesity 2010 Komarnytskyy

Biotechnology & Medicine

Identifying Molecules Required for Cell Movements 2008 Soto
 Protein Expression for Structural Genomics 2008 Anderson
 Structure-based Drug and Vaccine Designs for the Treatment and Prevention of Serious Human Diseases 2008 Arnold

Cell Biology & Neuroscience

Research Assistant - Role of the Actin Binding Protein, Tropomyosin, in Fission Yeast 2011 Hitchcock-
 Summer Science - Modeling Schizophrenia in vitro Using Induced Pluripotent Stem Cell Technology 2011 Firestein
 Summer Science - Sirtuin 1 and HSF1 Signaling in Neurons 2011 Liu

Chemistry & Chemical Biology

Research Assistant - Synthesis and Evaluation of Drug Conjugates 2011 Knapp
 Summer Science - Gene Silencing for Control of Osteoblastic Differentiation to Inhibit Heterotopic Ossification 2011 Roth
 Summer Science - Organic Synthesis and Methodology 2011 Seidel

Clinical Psychology

Research Assistant - How Therapy Works with Anxious and Depressed Youth 2011 Chu
 Stigma and Major Mental Illness 2010 Walkup
 Youth Anxiety and Depression Clinic (YAD-C) 2010 Chu

Cognitive Science

Cognitive Development Lab 2008 Leslie
 Tracking Objects and Tracking Our Eyes During Disrupted Viewing 2010 Aks

Cognitive Sciences

Research Assistant - Experimental investigations of child and adult language 2011 Syrett
 Research Assistant - Speech Recording and Experimental Techniques 2011 de Lacy

Communication

Children as Community translators 2010 Katz
 Family Relationships at the 'Ceremonial' Dinner Table 2011 Mandelbaum
 The Open Mind: Research on Guests for Public TV Show 2011 Heffner

Comparative Literature

Pirates in the Caribbean: Literature and the Rise of Filibuster 2010 Martinez-San
 Research Assistant - Coloniality of Diasporas: Rethinking Intra-Colonial Migrations in a Pan-Caribbean Context 2011 Martinez San

Computer Science

Algorithms for Planning Your Courses at Rutgers	2010	Martin
Computational Video Analysis	2010	Pavlovic
Research Assistant - Polynomiography	2011	Kalantari
Eagleton Institute of Politics		
Research Assistant - Campaign Finance Disclosure: aka, Government Assisted Corruption.	2011	Levine
Research Assistant - Eagleton Institute of Politics Center for Public Interest Polling	2011	Redlawsk
Research Assistant - What RU Thinking?: Civic and Political Engagements of Rutgers Students	2011	Matto
Earth & Planetary Sciences		
Climate Dynamics and Environmental Proxies in Lake Turkana Kenya	2010	Feibel
Eco,Evol& Natrl Resources		
Evolution of regulatory small RNAs in phytoplankton	2010	Bhattacharya
Potential Impacts of White Tailed Deer Over-browse on Carbon Dynamics of Forested Ecosystems: Changes in Plant Community Structure and Soil Microenvironment	2010	Clough
Research Assistant - Parasite communities in herring gulls feeding at urban landfills.	2011	Sukhdeo
Economics		
Research Assistant - Bank Supervision: Preventing Failures and Promoting Growth	2011	White
Research Assistant - Political Economy of U.S. Contingent Trade Protection	2011	Prusa
The Political Economy of Saving Mothers and Babies: Fallout of the Sheppard-Towner Act	2009	Moehling
Education - Learning & Teaching		
Developing a Learning Progression in Genetics Education	2010	Duncan
OSER: Designing mLearning (mobileLearning) Tools for Science Classrooms and Museums	2009	Zimmerman
Preparing Spanish Teachers Through Community Fieldwork with Mexicans in New Brunswick	2007	Flores
Education Psychology		
Latino Student Organizations at Rutgers - Historical Project	2010	Hernandez
Promoting Growth in Reasoning in Middle-School Classrooms	2010	Chinn
Systems and Cycles: Teaching Ecology to Middle School Students	2010	Hmelo-Silver
Education: Early Education Research		
International Early Childhood Interventions: A Meta-Analysis	2010	Nores
Research Assistant - AeioTu: Longitudinal Evaluation of a Colombian Early Childhood Intervention	2011	Nores
Documenting and Evaluating the Adaptation of the AVANCE Parent Child Education Program for Diverse Cultures	2011	Nores
Educational Theory, Policy & Admin		
Achievement vs. All-roundedness: High stakes examinations and educational quality in Chinese senior high schools	2011	Sargent
Research Assistant - Education in the Iconography of Empire: Colonial Seals of the 17th century British Atlantic	2011	Justice
Electrical & Computer Engineering		
Automation of Optoelectronic Measurements	2010	Jiang
Coupling Light into Nanostructures and Imaging the Optical Field	2009	Jiang
Summer Science - Explore Light Pattern at Subwavelength Scale	2011	Jiang
English		
Research Assistant - Essays on Gender, Race, and Community ; Representing Dutch Heritage	2011	Busia
Research Assistant - Poetry in 19thC American Magazines	2011	McGill
Research Assistant - Representation of Time in Fiction	2011	Vesterman
Research Assistant - The History of Melodrama	2011	Buckley
Entomology		
Research Assistant - Energy Savings, Environmental Conservation, and Community Awareness	2011	Robson
Summer Science - Bed Bug Control	2011	Wang
Summer Science - Energy Savings, Environmental Conservation, and Community Awareness	2011	Robson
Environmental Sciences		
Bioremediation, Bioaerosols, and Bioenergy: Green Solutions	2010	Fennell
Nutrient Demands of Marine Phytoplankton	2008	Reinfelder
Exercise Science		
Development of lipid chemistry techniques to study muscle disease	2010	Henderson
Finance		
Excess Bank Reserves: Implications for Financial Markets	2010	Flood
Food Policy Institute		
Consumer Acceptance of Nanotechnology Foods	2009	Hallman
Truth in (Food) Advertising?: Communicating Scientific Evidence About Food Products	2009	Hallman
Food Science		
Research Assistant - Examining Temperature History of Frozen Army Food Rations	2011	Karwe
Research Assistant - Lipid Metabolism	2011	Carman
Research Assistant - Luminescence Probes of Food Quality and Stability	2011	Ludescher
Genetics		
Genetic analysis of cell division in Drosophila	2010	McKim
Summer Science - Molecular Pathophysiology of Bladder Outlet Obstruction	2011	Sahota
The Role of immunophilins in Alzheimer's disease Using Drosophila as a Model System	2010	Konsolaki
Genomics and Bioinformatics		
Strawberries, Blueberries and Cranberries and for Everyone! Sequencing genomes and cloning genes.	2009	Michael
Geography		
Research Assistant - Economic Vulnerability and Adaptation to Climate Change: Building Resilience in the Barnegat Bay Region	2011	Leichenko
Research Assistant - Towards understanding meltwater losses from the Greenland ice sheet	2011	Rennermalm
The Shantytown Mapping Project	2010	Mitchell
Geological Science		
Understanding the Water Cycle	2008	Reinfelder
Geological Sciences		
Mapping the Volcanoes of Central America	2007	Carr
Reconstruction of environments of early hominids	2008	Ashley
Germanic, Russian & E.E.L		
Analytic Crossings: the 100th Anniversary of Freud's Visit to the US	2009	Levine

German-Jewish Writers of the 20th Century	2009	Levine
The Kafka Society of America: The Making of a Scholarly Journal	2009	Levine
<i>Health Care Pol, & Aging Res</i>		
Research Assistant - Examining Innovative Programs that Leverage Communities to Promote Aging-in-Place	2011	Greenfield
Research Assistant - Health Beliefs and Improving Self-management of Chronic Illnesses	2011	Rosenthal
Research Assistant - How negative stereotypes about mental illness affect attitudes and individual decisions.	2011	Walkup
<i>History</i>		
Business of Doing Good/ Social Entrepreneurship	2010	Matsuda
Research Assistant - A doctor, a diplomat, and an ornithologist: American naturalists in the wide world	2011	Fabian
Youth Culture, Informal Economy, and Drugs in Late Twentieth Century American Cities	2010	Murch
<i>History - Oral History Archives</i>		
Rutgers Oral History Archives	2008	Holyoak
<i>History - Thomas A. Edison Papers</i>		
Isolated and Integrated: Illuminating the Long 19th Century	2006	Collins
<i>History, Journalism & Media Studies</i>		
History of Spin	2010	Greenberg
The American Presidency	2010	Greenberg
The History of Spin	2009	Greenberg
<i>Human Ecology</i>		
Cultural Models of Ecological Change	2010	McCay
<i>Italian</i>		
Culture and Art of Italy: Creating a Digital Archive for Italian Studies Program	2007	Marsh
Images of Italy and Italian Culture	2005	Marsh
<i>Jewish Studies</i>		
From the Bronx to Vilna: Lucy S. Dawidowicz and the Writing of Jewish Political History	2006	Sinkoff
Lucy S. Dawidowicz: The Politics of Jewish History and the Holocaust	2010	Sinkoff
Seeing Red: The Political Life of Lucy S. Dawidowicz (a Holocaust Historian and Emergent Neoconservative)	2008	Sinkoff
<i>Journalism & Media Studies</i>		
A History of Spin: Presidential Persuasion from Theodore Roosevelt to George Bush	2008	Greenberg
Allies and Enemies: US Foreign Policy, Political Islam, and the News	2010	Kumar
Journalism and Political Activism	2008	Marchi
<i>Labor Studies & Employment Relations</i>		
Global Transportation and Logistics Labor Markets	2009	Bensman
The Global Logistics Industry	2007	Bensman
The Logistics of Globalization	2008	Bensman
<i>Landscape Architecture</i>		
Rutgers Immigration Infrastructure Map II: Sociology and Politics	2010	Tulloch
<i>Latin American Studies</i>		
Building Community: Transnational Dominican Theater	2008	Stevens
<i>Latin American Studies Program</i>		
Research Assistant - Public Pages: Reading along the Latin American Streetscape	2011	Schwartz
<i>Latino & Hispanic Caribbean Studies</i>		
Histories of Latino Communities in New Jersey: Collaboration with the New Jersey Hispanic Research and Information Center	2006	Lauria-
History of the Mexican Peasantry (19th Century)	2007	Lauria-
Neighborhood-Based Perspectives on Eating and Body Image Among Latinos	2008	Ramos-Zayas
<i>Library & Information Science</i>		
Citizen French Authors at the 1893 World's Columbian Exposition	2010	Dalbello
Jersey Punk: Gatekeepers of the Underground	2010	Sanchez
Media Events in Social Media	2010	Naaman
<i>Linguistics</i>		
Experimental Explorations of Double Negation	2010	Deprez
Research Assistant - Experimental Syntax: Exploring the use of Articles	2011	Deprez
Research Assistant - Studies in speech perception	2011	Kawahara
<i>Management & Global Business</i>		
Urban Entrepreneurship and Economic Development Policy Project	2010	Robinson
<i>Management and Labor Relations</i>		
The Katrina Diaspora: Dislocation, Segregation, and Employment Inequality	2007	Dickerson
<i>Marine Sciences</i>		
Ancient Paleoenvironmental Change	2006	Wade
Climate change in the Southern Ocean	2010	Schofield
Photosynthesis in the oceans: New Techniques for Measurement	2008	Schofield
<i>Materials Science & Engineering</i>		
Research Assistant - Design of Inverted Organic Solar Cells Incorporating Plasmonic Nanoantennas	2011	O'Carroll
Research Assistant - Software Application Development for Engineering Properties	2011	Lynch
Summer Science - Surface Plasmon Amplification by High-Gain Organic Semiconductors.	2011	O'Carroll
<i>Mathematics</i>		
Computer Modeling of Waves in Nanoscale Physics	2006	Soffer
<i>Mechanical & Aerospace Engineering</i>		
Flying Insects and Flapping Robots	2010	Denda
Research Assistant - Laser-Tissue Interactions and Processing	2011	Guo
Summer Science - High-Speed Mixing and Advanced Laser-based Diagnostics	2011	Rossmann
<i>Medicine-UMDNJ</i>		
Identifying Secondary Genetic Changes in Leukemia	2009	Sabaawy
Research Assistant - Development of a conditional transgenic zebrafish model to study lymphocyte development	2011	Sabaawy
Research Assistant - Modeling for the genetic events associated with tumor development in transgenic zebrafish	2011	Sabaawy
<i>Microbiology - Waksman Institute</i>		
Research Assistant - Small-Molecule Inhibitors of Bacterial RNA Polymerase	2011	Ebright

Summer Science - Genetics of Chromosome Segregation in Drosophila	2011	McKim
Summer Science - zfrp8 function in Drosophila stem cells	2011	Steward
<i>Molecular Biology & Biochemistry</i>		
Biochemical Studies of Proteins from Influenza (Flu) Virus	2010	Montelione
Genetic analysis of the Fat Signaling Pathway	2010	Irvine
Growth Control in Animals	2010	Padgett
<i>Music</i>		
Compositional Process of First String Quartet by Elliott Carter	2009	Rao
Compositional sketches of Elliott Carter	2010	Rao
Public Faces of Musical Sound: Chinatown Opera Theaters, 1850-1930	2007	Rao
<i>Nonprofit</i>		
Creating Green Community Centers	2009	Stockdale
<i>Nutritional Sciences</i>		
Amino Acid Taste and Protein Appetite	2010	Breslin
Rutgers Infant Nutrition and Growth Project	2009	Worobey
Vitamin D, Calcium Absorption and Caloric Restriction	2008	Shapses
<i>Oceanography</i>		
Efficiency of the Invasive Green Crab in the Absence and Presence of Competitors	2009	Ramey
Refuge from Surfclam Predators: Exploring the Shell-hash on the Continental Shelf	2009	Ramey
<i>Pharmacology</i>		
Increased FGF-2 Secretion and Ability to Support Neurite Outgrowth by Astrocytes Cultured on Polyamide Nanofibrillar Matrices	2009	Meiners
<i>Pharmacology and Toxicology</i>		
Inflammatory Mechanisms in Lung Toxicity	2010	Sunil
Isolation and Characterization of Liver Macrophages and Endothelial Cells from Rats	2010	Gardner
Macrophage Polarization in Liver Injury and Repair	2010	Liu
<i>Pharmacy-Pharmaceutics</i>		
Developing a new human skin cellular model	2010	Michniak-Kohn
<i>Philosophy</i>		
Experimental Philosophy: Gender Differences in Philosophical Intuitions	2010	Stich
Making Morality Work: On-Line Introduction to Ethics	2009	Smith
Transformations of Myths in the Writing of Montserrat Roig, Rosario Castellanos, and Maria Luisa Bombal	2006	Ashbaugh
<i>Physics & Astronomy</i>		
Gravitational Lensing and Dark Matter	2010	Keeton
Research Assistant - Raman Spectroscopy of Novel Superconductors	2011	Blumberg
Summer Science - Thin film growth and their characterization	2011	Oh
<i>Planning & Public Policy</i>		
Building Software that Performs Economic Impact Analyses	2007	Lahr
Online Welfare Applications: Effects of Technology on Case Management	2008	Hetling
<i>Planning and Public Policy</i>		
Public Policy and International Poverty: Social Investments in Urban Poor Communities in Maputo, Mozambique	2009	Carolini
Research Assistant - Do state policies matter for poor families?	2011	Hetling
State Regulatory Processes	2009	Shapiro
<i>Plant Biology & Pathology</i>		
Characterization of chitinase activity in the soil bacterium Lysobacterium enzymogenes	2010	Kobayashi
Identification of Optimal Duckweed Strains for Wastewater Remediation and Biomass Production in New Jersey	2011	Lam
Summer Science - Transgenic Grasses and Biofuel Feedstock Conversion	2011	Di
<i>Political Science</i>		
Research Assistant - Lobbying Strategies of Washington Interest Groups	2011	Leech
Research Assistant - Why Prejudice Persists	2011	Bronner
Research Assistant - Youth Attitudes towards Identity, Sectarianism and Democracy: the Case of Iraqi Arab and Kurdish Youth	2011	Davis
<i>Psychiatry</i>		
Biofeedback: Its Role in Asthma Therapeutics	2010	Lehrer
Research Assistant - Biofeedback: Its role in asthma therapeutics	2011	Lehrer
<i>Psychology</i>		
Research Assistant - Cocaine self-administration, brain activity, ultrasonic vocalizations in rats	2011	West
Research Assistant - Social-Emotional and Character Development Lab/CESEP	2011	Elias
Twin Study of Linguistic and NonLinguistic Development	2010	Stromswold
<i>Social Work</i>		
Drugs and Alcohol in a Low Income Newark African American Community	2009	Windsor
Foster Care in 20th Century America	2010	Curran
Violence against Women & Children	2008	Postmus
<i>Sociology</i>		
Research Assistant - Connections Among Three Population Groups in Ohio	2011	Friedman
Generation R: The Effect of the Great Recession on the Meaning of Success and Achievement for America's Young Adults	2011	Carr
Research Assistant - German Jewish Refugees and the Holocaust: Collective Identity and Collective Memory	2011	Gerson
<i>Spanish & Portuguese</i>		
Living in-between: Hybrid Identities in Contemporary Spain	2010	Kim
Spanish English Bilingual Development in Union City	2010	Sanchez
Word Order Among Heritage Speakers of Spanish	2010	Camacho
<i>Women and Art</i>		
Miriam Schapiro Archives on Women Artists	2010	Olin
<i>Women's and Gender Studies</i>		
Human Displacement: The Case of Georgia and of the Internally Displaced Persons (IDPs)	2008	Regulska
Signs: Publishing a Journal of Women in Culture and Society	2008	Alexander
The McGreeveys, New Jersey Politics, and the Anatomy of a Media Scandal	2009	Decena
<i>Women's Leadership</i>		
Research Assistant - Center on the American Governor	2011	Mandel