2010-2011 Loyola University Chicago Provost Fellows

Jamal Adas
Senior, Biology
*Migratory Path of Cyanide from Cytochrome C*
Faculty Mentor: Dr. Kenneth Olsen, Chemistry

Christina Amaro
Senior, Psychology
*Preschoolers’ Self-Regulations and School Success: Concurrent and Longitudinal Linkages*
Faculty Mentor: Dr. Christine P. Li-Grining, Psychology

Zainub Ashrafi
Senior, Psychology
*Low Income Children’s Self-Regulation: Risk Factors and Promotion Processes*
Faculty Mentor: Dr. Christine P. Li-Grining, Psychology

Ian Barber
Senior, Psychology
*Communication and Nonviolence: Latin American Peace Activists and US Solidarity Networks*
Faculty Mentor: Dr. Elizabeth Lozano, School of Communication

Brianna Biggers
Senior, Philosophy
*Communication and Nonviolence: Latin American Peace Activists and US Solidarity Networks*
Faculty Mentor: Dr. Elizabeth Lozano, School of Communication

Miraj Chokshi
Junior, Psychology
*The Effect of Personal Perceived Power on Reasoning Strategy Selection*
Faculty Mentor: Dr. Robert Morrison, Psychology

Amanda Cimaroli
Junior, Social Work
*Project MENTOR*
Faculty Mentor: Dr. Julia Pryce, Social Work

Elizabeth Dennis
Junior, International Studies
South Asian Muslim American “Girl Spaces” in Chicago  
Faculty Mentor: Dr. Marcia Hermansen, Theology

Caitlin DeRango  
Senior, Anthropology  
*Skeletal and Isotopic Indicators of Health and Identity in 19th-Century Peoria, IL*  
Faculty Mentor: Dr. Rhonda Quinn, Anthropology

Ellen Glover  
Senior, Social Work and Sociology  
3 Projects: Health of Indian Women, Children and School, and Immigrant Women and Mental Health  
Faculty Mentor: Dr. Shweta Singh, Social Work

Jennifer Gomulka  
Senior, Biology  
*Does Eph/ephrin Signaling Contribute to the Targeting of Sensory Nerves and Taste Bud Organization in the Embryonic, Postnatal, and Adult Rat and Mouse Tongue?*  
Faculty Mentor: Dr. William Rochlin, Biology

Vicky Ha  
Senior, Psychology and Social Work  
*The Burgos Consent Decree: A Case Example of Social Work and Legal Advocacy for Child Welfare Reform*  
Faculty Mentor: Dr. Maria Vidal de Haymes, Social Work

Michael Halagan  
Senior, Bioinformatics  
*Creating Consensus Sequences from Transposable Elements*  
Faculty Mentor: Dr. Howard Laten, Biology

Marguerite Hoving  
Senior, Bioinformatics  
*New Data Structures for Heterogeneous Genetic Data*  
Faculty Mentor: Dr. Catherine Putonti, Biology and Computer Science

Nicole Howver  
Junior, Social Work  
*The Burgos Consent Decree: A Case Example of Social Work and Legal Advocacy for Child Welfare Reform*  
Faculty Mentor: Dr. Maria Vidal de Haymes, Social Work

James (Alex)Keena  
Senior, Political Science and Anthropology  
*Culture and Conflict Management*  
Faculty Mentor: Dr. Molly Melin, Political Science
Ashton Kemerling
Junior, Computer Science and Mathematics
*Fast and Simple Computation for All Longest Common Subsequences*
Faculty Mentor: Dr. Ronald Greenberg, Computer Science

Rachel Kooistra
Senior, Biology
*The Role of Mitochondrion in the Survival of Plasmodium within the Mosquito*
Faculty Mentor: Dr. Stefan Kanzok, Biology

Angelica Krajewski
Sophomore, International Film and Media Studies
*The History and Philosophy and the Memoir in Polish Culture*
Faculty Mentor: Dr. Dan Vaillancourt, Philosophy

Nicholas Kreifels
Senior, Accounting and Finance
*Tunisia: Economic Success on a Struggling Continent*
Faculty Mentor: Dr. Peter Schraeder, Political Science

Devon Langston
Senior, English
*Peripheral Functionalization of the Novel Cyclophane N3-CTV*
Faculty Mentor: Dr. Daniel Becker, Chemistry

Lana Larcher
Junior, Elementary Education
*COUNTDOWN in Extracurricular Tutoring, Part II*
Faculty Mentor: Dr. Diane Schiller, Education

Alexandra Luterek
Junior, Psychology
*Project MENTOR*
Faculty Mentor: Dr. Julia Pryce, Social Work

Katarzyna Majewska
Senior, Chemistry
*Is the Air Healthy? Air Pollution and Chicago*
Faculty Mentor: Dr. Martina Schmeling, Chemistry

Elias Majid
Senior, Biology
*Project Victory Garden*
Faculty Mentor: Charles White, Natural Science
Jacob Marshall
Sophomore, Biology and Psychology
*Study of Teen Adjustment in Affluent Communities*
Faculty Mentor: Dr. Amy Bohnert, Psychology

Sarah Massarani
Junior, Biology
*Nitrogen Cycling by Cave Bacteria*
Faculty Mentor: Dr. Domenic Castignetti, Biology

Nathan Meister
Senior, Communication
*Communication and Nonviolence: Latin American Peace Activists and US Solidarity Networks*
Faculty Mentor: Dr. Elizabeth Lozano, School of Communication

Amara Mian
Junior, Biology
*Identifying Antioxidant Genes in Plasmodium Mitochondria*
Faculty Mentor: Dr. Stefan Kanzok, Biology

Sophie Mir
Junior, Psychology and Biology
*Understanding the Socialization of Children’s*
Faculty Mentor: Dr. Christine P. Li-Grining, Psychology

Kelsey Oseid
Senior, Visual Communications and Sociology
*Developing Well-Designed, Well-Researched Informational Materials to Aid Refugees and Volunteers who Serve Them*
Faculty Mentor: Joyce Epolito, MFA, Fine Arts

AuBre Parnicky
Senior, Social Work
3 Projects: Health of Indian Women, Children and School, and Immigrant Women and Mental Health
Faculty Mentor: Dr. Shweta Singh, Social Work

Bhavik Patel
Senior, Biochemistry and Classical Civilizations
*Oxygen Exiting Pathways of the Heme-PAS Domain Protein, EcDOS, of Escherichia coli*
Faculty Mentor: Dr. Kenneth Olsen, Chemistry

Nirav Patel
Senior, Biology
*Generation and Analysis of an efna1b Transgenic Zebrafish*
Faculty Mentor: Dr. Eric Schroeter, Biology

Purvi Patel
Senior, History
*Women in Academy*
Faculty Mentor: Dr. Bridget Kelly, Education

Eric Pedone
Senior, Biochemistry and Spanish
*Preparation of Complexes for Photodynamic Therapy*
Faculty Mentor: Dr. David Crumrine, Chemistry

Steven Portnoy
Junior, Psychology
Faculty Mentor: Dr. Tracy DeHart, Psychology

Lauren Potthoff
Senior, Psychology
*College Women and the Thin Ideal: Risk Factors Contributing to Body Image Disturbance and Low Self-Esteem*
Faculty Mentor: Dr. Scott Leon, Psychology

Zachary Romer
Junior, Bioinformatics
*Correlating Virus Genome Sequence Composition and Virulence*
Faculty Mentor: Dr. Catherine Putonti, Biology and Computer Science

Joseph Saelens
Senior, Bioinformatics
*Co-Evaluation of Flaviviruses and their Hosts*
Faculty Mentor: Dr. Catherine Putonti, Biology and Computer Science

Patrick Schreiner
Junior, Bioinformatics and Biology
*Evolution of Segmented RNA-based Viruses*
Faculty Mentor: Dr. Catherine Putonti, Biology and Computer Science

Shaan Setia
Junior, Biology
*Determination of Oxygen Pathways in R-State Hemoglobin Bound to Biophosphoglycerate*
Faculty Mentor: Dr. Kenneth Olsen, Chemistry
Saloni Shah  
Senior, Political Science  
*The Application of Democratic Principles to the Functioning of the European Union*  
Faculty Mentor: Dr. Alex Grigorescu, Political Science

Yoni (Jonathan) Siden  
Junior, Social Work, Women and Gender Studies  
*Social Causation and Determinants of Risk Behavior among Men who have Sex with Men*  
Mentors: Dr. John Orwat, Social Work and Dr. Michael Dentato, Social Work

Kelly Silay  
Junior, Psychology  
*Perceived Discrimination, Stigma Consciousness, and Romantic Relationship Functioning*  
Faculty Mentor: Dr. Tracy DeHart, Psychology

Maria Smith  
Senior, Psychology  
*Risk Reduction Project*  
Faculty Mentor: Dr. Maryse Richards

Nausheen Syed  
Senior, Psychology  
*Cognitive Development in Infants: Studies of Attention and Distractibility*  
Faculty Mentor: Dr. Kathleen Kannass, Psychology

Joseph Tasch  
Senior, Biochemistry and Mathematics  
*Structural and Functional Studies for the Regulation of Bacterial Glycogen Synthesis*  
Faculty Mentor: Dr. Miguel Ballicora, Chemistry

Naomi Titean  
Junior, Elementary Education  
*Extra Time for Improved Academics*  
Faculty Mentor: Dr. Diane Schiller, Education

Nishit Vora  
Senior, Anthropology and Biology  
*Gas Ligand Pathways in Human Oxyhemoglobin*  
Faculty Mentor: Dr. Kenneth Olsen, Chemistry

Lauren Wedel  
Senior, Psychology  
*Promoting Self Care in African American Teens with Asthma*  
Faculty Mentor: Dr. Barbara Velsor-Friedrich, Nursing
Morgan Woosley
Senior, Biophysics
*Dose Escalation in Image-Guided Radiation Therapy (IGRT) of Lung Cancer Patients*
Faculty Mentor: Dr. Anil Sethi, Radiation Oncology, Loyola University Medical Center

Madison Zuverink
Senior, Biology
*Mutagenesis of Catalytic Residues of Escherichia coli ADP-glucose Pyrophosphorylase*
Faculty Mentor: Dr. Miguel Ballicora, Chemistry