

PROVOST FELLOWS 2011-2012
Loyola Undergraduate Research Opportunities Program
Center for Experiential Learning



Preparing people to lead extraordinary lives

Summer Fellows:

Roxanne Able

Major: Biophysics

Experimentally Verifying Results in Granular Dynamics Simulations

Mentored by Jon Bougie, Physics

Michelle Amriott

Major: Anthropology, Biology

Youth Garden Curriculum Development

Mentored by Nancy Tuchman, Biology, CUERP

Anthony Betori

Major: English

Religious Themes in Sufjan Stevens: A 21st Century Commentary on Religious Anxiety

Mentored by Jack Kerkerling, English

Rose Brickley

Major: Anthropology

A Dual Investigation in Urban Re-Invigoration: studying the effectiveness and efficiency of an alternative irrigation system for container-gardening on campus, and examination of human response to vegetation in blighted urban spaces.

Mentored by Charles White, Natural Sciences & Judy Wittner, Sociology

Anne Burkhardt

Major: Social Work

Women Rising Up: Understanding Female Involvement in Work, Politics, and Revolution

Mentored by Alison Staudinger

Andrew Canning

Majors: Biology, Economics

Folate Absorption in Zebrafish for use in Photodynamic Therapy

Mentored by Eric Schroeter, Biology

Mumtaj Chand

Majors: Biology, Psychology

Assessing Bone Regeneration using Mobilized Stem Cells

Mentored by Dawn Franks & Margaret McNulty

Miraj Chokshi

Majors: Psychology: Natural Science

Neural Correlates of Relational and Featural Similarity Processing

Mentored by Robert Morrison, Psychology

Amanda Cimaroli and Nicole Howver

Major: Social Work

Developing Employment Hope as a Pathway to Self-Sufficiency: Implications for Program Development

Mentored by Philip Hong, Social Work

Angeline David

Major: Biology/Molecular Biology Emph

Using C:N ratio of phytoplankton, oyster waste, and sediment to explain the effect of oyster restoration on N cycling in urban estuaries

Mentored by Timothy Hoellein, Biology

Kyle Geary

Major: Biology/Molecular Biology Emph

New Supramolecular Scaffolds via the Synthesis of Novel N3-CTV Derivatives

Mentored by Daniel Becker, Chemistry

Patrick Gombert

Major: Computer Science

Using FUSE and REST to Integrate Remote and Local Data Sources

Mentored by Konstantin Läufer, Computer Science

Laura Grenlin

Major: Biology/Molecular Biology Emph

Characterization of Beta Satellite on HC21p

Mentored by Jeffrey Doering, Biology

Kyle Haselton

Major: Psychology

Investigation of a Putative Oxidative Sensing Protein in the Malaria Parasite Plasmodium

Mentored by Stefan Kanzok, Biology

John Juranek

Major: Biology

How did diet and feeding behavior evolve in birds?

Mentored by Sushma Reddy, Biology

Navya Kamath

Major: Psychology

Varying Conversational Goals as Events Unfold: Impacts on Maternal Elaborativeness and Children's Recall

Mentored by Catherine Haden, Psychology

Faaria Khan

Major: Biology

Impacts of Nanomaterials on Aquatic Microbial Communities

Mentored by John Kelly, Biology

Kendall Kling

Major: Biology/Molecular Biology Emph

Enzyme Promiscuity of Lactonase AiiA, an Implication to Molecular Evolution

Mentored by Dali Liu, Chemistry

Matthew Kmiecik

Major: Psychology

Electrophysiology of Verbal Analogical Reasoning

Mentored by Robert Morrison, Psychology

Timothy McAlister

Major: Psychology

Solving the Bi-Equation: Differences in Sexual Development and Connectedness between Homosexual, Heterosexuals, and Bisexual Individuals

Mentored by Anthony Burrow, Psychology

Katarzyna Opalacz

Major: Social Work

Foster Children Aging Out of the System

Mentored by Julia Pryce, Social Work

Marco Palomo

Major: Chemistry / Biochemistry

Testing Singlet Oxygen Production and Localization of Photodynamic Therapy Agents

Mentored by Ken Olsen, Chemistry

Raj Patel

Major: Biology

chAB4 in Human Chromosome 21 p-arm: Analysis of Chromatin Structure Histone Modifications

Mentored by Jeffrey Doering, Biology

Kara Podjasek

Major: Nursing

The Sunshine Study

Mentored by Sue Penckofer, Nursing

Leslie Proudfoot

Majors: Environmental Studies and Political Science

Exploring Coffee Composting

Mentored by Charles White, Natural Sciences & Lane Veil, CUERP

David Ridder

Majors: Biology, Chemistry

Characterization and Activation of Tetrahedral Shaped Aminopeptidase

Mentored by Dali Liu, Chemistry

Zachary Romer

Major: Bioinformatics

Does Pathogen-Host Genome Composition Correlation Infer Virulence and Host Range?

Mentored by Catherine Putonti, Biology and Computer Science

Sharika Sanku

Major: Philosophy

Parkinson's Symptom Assessment Tool Adaptation

Mentored by Ninith Kartha

Shermin Sayani

Major: Chemistry

Phenothiazine Based Photosensitizers: A Possible Cure for Cancer

Mentored by David Crumrine, Chemistry

Carlene Schleisman

Major: Chemistry / Biochemistry

Conformational Dynamics and Biomimetic Host-Guest Binding of N3-CTV

Mentored by Daniel Becker, Chemistry

Chelsea Taylor

Major: Social Work

Content Analysis of Supervision Articles in Journals

Mentored by Carlean Gilbert, Social Work

John Thompson

Major: Biology

Mutation Accumulation within Viral Species

Mentored by Catherine Putonti, Biology and Computer Science

John Versnel

Major: Mathematics

Small Functionals for Seaweed Lie Algebras

Mentored by Anthony Giaquinto and Aaron Lauve, Mathematics

Ted Vlahos

Major: Biology, Bioinformatics

Patterns of Origination and Rate of Evolution of Indels in Avian Genome

Mentored by Sushma Reddy, Biology

Academic Year Fellows:

Angela Dao

Major: English

Enriching the Minds of Young Adults: Rewriting Greek Mythology into Contemporary Conversation

Mentored by Edith Livermore, Classical Studies

Donna Flores

Major: Psychology

Preschoolers' Academic Skills as Indicators of School Readiness: Measurement and Teacher Views

Mentored by Christine Li-Grining, Psychology

Amelia Hudson

Major: Visual Communication

Artists of Artemisia Archive Website

Mentored by Nicole Ferentz, Fine Arts

Ashton Kemerling and George Vasels

Majors: Computer Science, Mathematics; Software Development

Tools for the Creation and Maintenance of Course Schedules

Mentored by Ronald Greenberg, Computer Science

Angelica Krajewski

Majors: English, International Studies

Polish Memoirs From 1795 to 1914: The Contribution of Memoirs by Polish Émigré Writers in Preserving Polish Culture During the Long Century the Country Disappeared

Mentored by Dan Vaillancourt, Philosophy

Pauline Lacson

Majors: Early Childhood/Special Educ.

Early Childhood Educators' Conceptualizations of Culturally Competent Practice

Mentored by Adam Kennedy, Early Childhood Special Education

Sahar Lewis

Majors: Biology, Psychology: Natural Science

The Influence of Adult-versus Child-directed Television Programs on Distractibility in Preschoolers

Mentored by Kathleen Kannass, Psychology

Fotis Manousogianakis

Majors: Classical Civilization, Intl Film & Media Studies

Folklore in Isolated Mountain Villages of Crete

Mentored by Brian Lavelle, Classical Studies

Sophia Mir

Majors: Biology, Psychology

Preschoolers' Self-Regulation as an Indicator of School Readiness: Measurement and Parental Views

Mentored by Christine Li-Grining, Psychology

Jaclyn Moloney

Major: Psychology

Personality and Relationships

Mentored by Tracy DeHart, Psychology

Marilyn Palackel

Major: Biology

Testing a Split-Fovea Model of Visual Word Recognition

Mentored by Anne Sutter, Psychology

Nirav Patel

Majors: Biology, Psychology: Social Science

The Role of Inhibition in Determining Political Ideology

Mentored by Robert Morrison, Psychology

Jacob Runkel

Majors: Accounting, Economics, Finance

The Successes and Shortcomings of Microenterprises in Africa

Mentored by Dan Vaillancourt, Philosophy

James Siegel

Major: Religious Studies

Faith among the Lhotshampa People in Chicago

Mentored by Daniel Amick, Anthropology

Sarah Smith

Major: International Studies

Developing Well-Researched and Well-Designed Educational Materials for Iraqi Refugees

Mentored by Joyce Epolito, Fine Arts

Erin Summerlee

Major: International Studies

Global Advocacy Coalitions: NGO/IGO Collaboration and Impacts on Policy and International Norms

Mentored by Alex Grigorescu, Political Science

Claire Surma

Major: International Studies

"Deep listening and loving speech": A qualitative assessment of nonviolent communication from an Engaged Buddhist perspective

Mentored by Elizabeth Lozano, Communication