Welcome to the Holy Cross Academic Conference 2011 sponsored by the Office of the Vice President for Academic Affairs and Dean of the College. This annual event is a celebration of almost 300 Holy Cross students and their independent work in the performing and visual arts, social sciences, humanities, and physical sciences. The programs, projects, posters and performances to be presented are the result of student work over one or two semesters under the guidance of faculty members. The students presenting this year represent only a portion of the independent and group-project work of our students, but in recognizing these projects we celebrate the independence, creativity, and intellectual discipline all our students have developed while at Holy Cross and the role members of the faculty have played as mentors and model teacher-scholars. Together these presentations provide a fitting conclusion to our academic year.

Without the interest, enthusiasm, follow-through, flexibility, and guidance of the faculty and administrative sponsors of the academic programs, this event would not have been possible. Thanks are due to Profs. Mathew Schmalz (College Honors Program), Richard Matlak and Susan Cunningham (CISS), the Concentration Directors, Department Chairs, Academic Program Coordinators, Conductors of Musical Groups and Directors of Department Honors Programs, as well as the many individual faculty who have supervised these student projects. Thanks are also extended to Sharon Matys (Graphic Arts), and Chip O’Connor and Kevin O’Loughlin (Hogan Campus Center), Jesse Anderson (Audio-Visual) and James Pinkerton (ITS) for their long hours, attention to detail, and technical support in putting together this event. Finally deep gratitude is extended to Stephanie Outerson (Academic Services and Learning Resources) for her creativity, imagination, organizational skills and tireless work in making the Conference a success.

Of course, the real stars of the conference are the Holy Cross students and faculty who have worked together in the classroom, laboratory, concert hall, studio, and theatre to prepare for these presentations. Congratulations to all!

Enjoy!

Margaret N. Freije
Associate Dean of the College
2011 Academic Conference Program

FENWICK SCHOLAR PRESENTATION

Wednesday, 27 April 4:00-5:00 p.m. Rehm Library

Meredyth Winter ’11

“InConspicuous Consumption: Understanding the Role of Indian Chintz In Shaping British Fabric Design”

Conference Reception

Following the Fenwick Scholar Presentation everyone is invited to celebrate the opening of the 2011 Academic Conference

Wednesday, 27 April

5:00-6:00 p.m.

Moran Lounge, 4th floor

Smith Hall
Wednesday, 27 April

**STUDY ABROAD**

9:30 a.m.-12:00 p.m. Hogan 402(3)

**Student Panel**


Hannah Canepa ’12  “Measuring Trees in Africa: Discovering the Intersection of Culture and the Environment”

Andrew Mainini ’11  “Exploration of the HIV Crisis in Spain”

Chelsey Andrea ’11  “Exploring Ethnic Diversity in Cameroon through Music”

Joseph Caravella ’11  “Serving More than Soup in Spain: My Work with the Sisters of Charity of St. Vincent de Paul”

Thomas McGlynn ’11  “Gerten’s Garden: 50 Hours on Dr. Michael’s Philosophy Farm”

Mary Carol Madigan ’11  “Rowing Abroad: My Year with the University of St. Andrews Boat Club”

Allison Wagner ’11  “Enchanted Oxford?”

**STUDIO ARTS**

Senior Minor Opening  5:00-6:30 p.m. SAS Gallery Hogan 1

Angela Chisholm ’11  Grace Dubuque ’11
Nicole Gabana ’11  Brittany Gildea ’11
Sean Hager ’11  Abaigeal Healy ’11
Carla Katigbak ’11

**CHAMBER ORCHESTRA CONCERT**

7:00 p.m.  Brooks Concert Hall
Admission is Free

The Chamber Orchestra will be playing all six of Bach’s Brandenburg Concerti featuring the following students:

Megan Ross ’11  Flute Solo
Kevin Hoenig ’12  Violin Solo
Claire Gorman ’13  Flute Solo
Brendan Prast ’14  Viola Solo
Thursday, 28 April

**COLLEGE HONORS**

8:30 a.m.-1:00 p.m.  Hogan 401

8:30 a.m.
Allison Wagner ’11  “The Undiscovered Self in Eating Disordered Women”

9:00 a.m.
Rachel S. Diorio ’11  “Embodied Social Coordination in Autism”

9:30 a.m.
Kerry Elizabeth Drury ’11  “The Role of Syndecan-1 and E-Cadherin in Breast Cancer: An Investigation of Epithelial-Mesenchymal Transition (EMT)”

10:00 a.m.
Erin Carpenter ’11  “‘For It Will Stop Tormenting Me as It Has Done and Always Will Otherwise’: Women’s Ghost Stories”

11:00 a.m.
Christopher M. Bergan ’11  “Protected Democracy in Chile: An Analysis of the 1980 Constitution as an Obstacle to the Democratic Transition of the 1990s”

11:30 a.m.
Maria C. Salame ’11  “Income vs. Happiness: The Paradox of Well-Being”

12:30 p.m.
Katherine M. McLean ’11  “The Social Construction and Memory of the Kennedy Marriage: Understanding the Fascination with Camelot”

**MONTSERRAT**

9:00 a.m.-11:00 a.m. Entrance of Haberlin 021

Poster Session:  “Eugenics, Racial Hygiene, and Nazi Doctors of the Third Reich”

Alexandra Aycock ’14  Timothy Reichheld ’14
Colleen Curtin ’14  Javier Rodriguez ’14
Ryan Doerhoff ’14  Maxwell Rome ’14
Emma Huggard ’14  Belisa Santiago ’14
Trinasia Jones ’14  Samuel Silberstein ’14
Meghan Lake ’14  Emily Sullivan ’14
Eileen McGowan ’14  Laurie Ulysse ’14
Marielle McKenna ’14  Kristine Yamartino ’14
Michael Paulin ’14
Thursday, 28 April

MULTIDISCIPLINARY MAJORS AND MINORS

9:00 a.m-4:00 p.m. Hogan 401

9:00 a.m.
Nicole Gabana '11 Catholic Studies
“St. Therese of Lisieux: A Modern Icon”

9:30 a.m.
Shannon Driscoll '11 Crime Studies
“Psychology and the Law”

10:00 a.m.
Elizabeth Parker '11 Urban Studies
“Politics of School Improvement”

10:30 a.m.
Mary Scholl '11 Health Care Studies
“Universal Health Care in the U.S”

11:00 a.m.
Yashira Robles '11 Ethnic Studies
“Education in Worcester”

11:30 a.m.
Anna Wong '11 Africana History and Culture
“Exploring China Through Chinese Language and Literature”

1:00 p.m.
Mohamed Adam '11 Africana History and Culture
“Somalian Refugees in New England”

1:30 p.m.
Scarlett Piantini '11 Global Institutions and Development
“Civil Society Efforts to Curb Corruption in Brazil”

2:00 p.m.
Tejas Patel '11 International Studies
“India’s Engagement with the World Economy”

2:30 p.m.
Quinn Fitzgerald '11 Student Grant
“Salvadoran Women: Building Civil Society in Turmoil”

3:00 p.m.
Brenton Levenson '11 Architectural Studies
“Building Evolution and Site Design”

3:30 p.m.
Sandra Wong '11 Architectural Studies
“Building Through Changing Densities”
Thursday, 28 April

**PEACE AND CONFLICT STUDIES**

9:30-11:30 a.m.        Hogan 406(7)

Christine McCue ’11      Eliminating the Gender Bias: Protecting Women’s Rights in the Public and Private Spheres

Samantha Howland ’11    Genocidal Rape: A Cross-Continental Perspective

Matthew Tyksinski ’11    Nonviolence as a Sustainable Option

Piero Iberti ’11         Seeds of Neglect: A Personal, Historical and Human Look at Neglect in Two Cities

**STUDIO ARTS**

Studio Art Seniors      12:00-1:00 p.m.        Cantor Art Gallery

Roundtable Discussion

Haley Allen ’11          Cory Mims ’11
Brian Blum ’11           Mary Kate O’Keefe ’11
Kathryn Cody ’11         Kieran Padgett ’11
Johanna Gavin ’11        Christina Sato ’11
Wiliza Jean ’11          Caitlin Ward ’11
Elizabeth Marshall ’11   Miriam Westin ’11

**AMERICAN SIGN LANGUAGE/DEAF STUDIES**

12:30-2:00 p.m.        Hogan 320

Experience in the Deaf Community: Spring 2011

Working with our Deaf and Hard of Hearing Partners

Community Based Learning Sites:

Erin Fleming ’11         Educating Deaf Children: Language Acquisition through a Bi-lingual Approach
                        The Learning Center for the Deaf, Framingham, MA

Emily Henry ’11          Expression of Deaf Art
                        Rosa Lee Timm, Deaf Visual Artist/Actor and
                        The Deaf Senior Center, Worcester, MA

Tim Paquette ’11         Deaf Economics: An Analysis of Budget Cuts in the State of Massachusetts
                        Mass Commission for the Deaf and Hard of Hearing(MCDHH) and the Deaf Senior Center,
                        Worcester, MA
Thursday, 28 April

AMERICAN SIGN LANGUAGE/DEAF STUDIES CONTINUED

Suzanne Wallace '11
Educational Methods with Deaf Multilingual Latino Adults
DEAF, Inc, Allston, MA

M. Siobhan Straub '11
“Holy Cross and the Deaf Community: The Impact of Service Learning on Intellectual and Personal Growth”
Center for Living & Working, Worcester, MA

MONTSERRAT

1:30-3:00 p.m.  Hogan 519

Roundtable Discussion
“Hip Hop: The Final Word”
Moderator: Lauren Carlo '14
Panelists: Lauren McDonough '14
           Bianca Llaneza '14
           Nathan Theodoss '14
           Esthefany Cepeda '14
           John Connelly '14
           Monica Salmeron '14

AFRICANA STUDIES

2:00-3:30 p.m.  Hogan 328

Mohamed H. Adam '11
Somali Refugee Communities in New England

Deirdre Foley '11
From Hymns to Hip-Hop: The Evolution of African-American Self-Expression Through Music

Daniel Geiger '11
Re-evaluating Racial Identity

COMMUNITY BASED LEARNING

2:00-4:00 p.m.  Hogan 406(7)

2010-2011 Highlights from Community Based Learning
Panel Presentation moderated by the CBL Scholars

*Reception to follow in Suite A

Annie Brown '11
Jordan Duffy '11
Kelly Casey '13
Eleanor Miller '11
Thursday, 28 April

**PHILOSOPHY**

2:30-4:30 p.m. Hogan 320

2:30 p.m.
Jeffrey Danford, ’11

Virtue Ethics in Kant & Aristotle

4:00 p.m.
Jonathan Werth ’11

From Farm to Table: A Study of Holy Cross Food Culture

**ECONOMICS HONORS**

3:00-5:00 p.m. Hogan 403

Gael Carter ’11

Town and Gown in Worcester, MA: Measuring the Distance to Colleges and its Effect on House Prices

Connor McKenna ’11

Athletics or Academics? An Empirical Analysis of the Effect of Athletic Success on the U.S. News and World Report College Rankings

Francis Sanzari ’11

The Effects of Disasters on State Population

Carolina Zelinski ’11

Consumer Behavior in Russia: Do Russian Consumers Have Higher Levels of Conspicuous Consumption than Consumers of Other Nationalities?

**SPANISH SIGMA DELTA PI INDUCTION**

5:00-8:00 p.m. Hogan Suite B/C

Holy Cross chapter Omicron Epsilon of Sigma Delta Pi, the National Collegiate Hispanic Honor Society, honors its members for 2011:

**Inductees:**

Alexandra Bruzzese ’11

Anthony Porcelli ’11

Francesca Bruzzese ’11

Elizabeth Quaglieri ’11

Elizabeth Flaherty ’11

Erica Rocha ’11

Katelyn Gettens ’11

Kathryn Simison ’11

Meredith Houghton ’11

Maura Tully ’11

Kristin Keegan ’11

Suzanne Wallace ’11

Aidan McGrath ’11

**Members:**

Christopher Bergan ’11

Richard Leslie ’11

Jennifer Caffrey ’11

Jamie McCarthy ’11

Rachel Diorio ’11
Thursday, 28 April

**POLITICAL SCIENCE**

3:30-5:30 p.m.  
Hogan 304(5)

Meghan Stuessy ’11  Executive Theory and Practice
Robert Valenti ’11  Framing Science for Policy

**POLITICAL SCIENCE PI SIGMA ALPHA INDUCTION**

3:30-5:30 p.m.  
Hogan 304(5)

Michael W. Brombach ’12  Maryalice Gill ’11
Joseph J. Cavanaugh ’12  Katelyn E. Henmueller ’12
Joshua J. Chang ’12  Erin M. Linnehan ’12
Alexa Child ’12  David Lisante ’12
Julia C. Czapinski ’12  Sara Anne Lonks ’12
Matthew J. Denney ’12  Elena Fortuna Rogliano ’12
Patricia J. Dunn ’12  Sarah Q. Weinstein ’11
Robert T. Egnatchik ’12

**MUSIC**

4:00 p.m.  
Brooks Concert Hall

Chamber Music Festival

The program includes:  
Bach, Concerto for Two Violins  
Kodaly, Serenade for String Trio  
Mozart Trio in Eb (“Kegelstatt”) K 498  
Mozart, Violin Duo in Bb, K 424  
Telemann, Concerto for 4 violins

Student Performers:  
Kevin Hoenig ’12  Brendan Prast ’14
Kevin Connolly ’13  Craig Connolly ’13
Kelly Garvey ’12  Natalya Krykova ’14
Lucia Westin ’13  Chris Won ’14

Faculty Performers:  
Peter Susliski  
Jan Müller-Szeraws  
Eric Culver

**ART HISTORY**

The Best in Art History  
4:00-5:15 p.m.  
O’Kane 495

Kristina Kutsukos ’14  The Crucifixion, by the Master of the Urbino Collection (MFA)
Elizabeth Quagliieri ’11  Spring Tutorial in Museum Practices: From Preparations to Openings
Elizabeth Harrison ’11  
Courtney Lessoon ’12  Rokni Haerizadeh: A Vision of Iran
Thursday, 28 April

ART HISTORY

Gibson Banta ’11 Public Commissions, Classical Tradition, & National Identity in 19th C. Washington DC
Ryan Sallee ’11 Funerary Monument of the Publii (MFA)
Jack Butler ’13 Peter Gould: Exploring the Heart of Islam

RELIGIOUS STUDIES THETA ALPHA KAPPA INDUCTION

5:00-7:30 p.m. Hogan 401
Lauren Evans ’12 Matthew Russo ’12
Christina Fernandez ’12 Adelaide Stout ’12
Andrea Koris ’12 Kevin Molloy ’13
Zachary Minuto ’12 Kelsi Sullivan ’13

STUDIO ART

Senior Major Opening 5:30-7:00 p.m. Cantor Art Gallery
Haley Allen ’11 Cory Mims ’11
Brian Blum ’11 Mary Kate O’Keefe ’11
Kathryn Cody ’11 Kieran Padgett ’11
Johanna Gavin ’11 Christina Sato ’11
Wilza Jean ’11 Caitlin Ward ’11
Elizabeth Marshall ’11 Miriam Westin ’11

BIOLOGICAL PSYCHOLOGY

6:00-8:00 p.m. Smith Labs 154
Jordan Trubiano ’11 The Effect of Ionic Strength on the Aggregation of Human-γC-Crystallin.
Ryan Prendergast ’11 Determining the Rate Constant Matrix for a Two Compartment Pharmacokinetic Model.
Katherine Enos ’11 Exploring the Role of Syndecan-1 in the Density Dependent Localization of Merlin Protein as Related to the Clinical Manifestation of Neurofibromatosis Type II.
Stephanie Stoneback ’11 The Determinants of Individual Variation in Calling Energetics in Male Eunemobius carolinus Scudder Ground Crickets (Nemobidae: Orthoptera).
BIOLOGICAL PSYCHOLOGY CONTINUED

Christina Kyriakos ’11
Manipulations Modulating Conscious and Unconscious Control over Behavior: Sleep Deprivation and Alcohol.

Jaqueline Imse ’11
Rate of Carbon Dioxide Production Is Not a Valid Measure of Behavioral Energetics in Species with Poorly Developed Aerobic Metabolism: Spiders as an Example.

Brenden Myers ’11
Effects of 5-HT2A/2C Receptor Agonism and Antipsychotics on Mouse Prepulse Inhibition as a Function of Baseline PPI.

Lorena Loci ’11
Do Baseline Differences in Prepulse Inhibition Differentiate between the Antipsychotic Efficacy of Typical and Atypical Antipsychotics?

MUSIC

8:00 p.m. Brooks Concert Hall

Jazz Ensemble Spring Concert

A Tribute to the Music of Count Basie and Standards from the Great American Songbook
Friday, 29 April

COMMUNITY BASED LEARNING

9:00-10:00 a.m. Hogan 406(7)
Eleanor Miller ’11
Political Accountability: How Can We Keep Our Government Officials Accountable and Our People Engaged?

COLLEGE HONORS

9:00-10:30 a.m. Hogan 401
9:00 a.m.
James Roach ’11
“Flood Rising”

9:30 a.m.
Margaret A. Kelly ’11
“Beyond a Sunset Ending: The Social and Political Propagandist Nature of Fairytales”

10:00 a.m.
Selina E. Carter ’11
“The Promise and Curse of Oil: An Analysis of State Transitions to Oil Dependency”

WOMEN’S & GENDER STUDIES

9:00 a.m.–3:30 p.m. Hogan 408(9)
9:00 – 10:45 a.m.
Meaghan J. O’Leary ’11
Family – Work Struggles in the Undervalued and Overworked American Woman

Casey Delaney ’11
The Passion & Freedom of Hildegard of Bingen

Teresa Curtis ’11
The Social Meanings of Motherhood: Then and Now

Erin Reid ’11
Christianity & Feminism in Conversation: An Investigation in Feminist Theology

Lauren Byrne ’11
Involvement in Aggression in Adolescence: A Gendered Comparison

11:00 – 12:30 p.m.
Angela Chisholm ’11
The Special Case of Child Bereavement through a Gendered Lens

Allison Wagner ’11
Unknown Identities: The Undiscovered Self in Eating Disordered Women

Victoria LeBlanc ’11
Women in Politics: Diversity in Theory and Action

Meghan Raimondo ’11
Causal Factors of Eating Disorders among Americans

2:00 – 3:30 p.m.
Shelby Stand ’11
Girls Choice: Mind, Body and Soul – Fitness Helping Girls Succeed
**Friday, 29 April**

**WOMEN’S & GENDER STUDIES CONTINUED**

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>Alyssa Carboni ’11</td>
<td>Women, the Family, and the Collapse</td>
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<tr>
<td>Brenna Feeley ’11</td>
<td>Gender, Class, and Psychology of Nutrition</td>
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<tr>
<td>Julianne Campbell ’11</td>
<td>Successes, Failures, and Hidden Agendas: The Real Motivation Behind the 19th Century Anti-Abortion Movement and the Resulting Outcomes</td>
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</tbody>
</table>

**HISTORY**

**11:00-12:30 p.m.  Hogan 406(7)**

- **11:00 a.m.**
  - Connor LaClair ’11
  - “A Medieval Foundation: The Creation of the European Union”

- **11:20 a.m.**
  - Julianne Campbell ’11
  - Cristin Johnson ’11
  - Joseph Tutino ’12
  - “Sexualities in Early America”

- **11:50 a.m.**
  - Douglas Moringiello ’11
  - Andrew Keister ’11
  - “Presidential Leadership”

**ENGLISH**

**11:15 a.m.-2:45 p.m.  Hogan 320**

- **Honors Panel:** 11:15 a.m.-12:15 p.m.
  - Lauren McNamara ’11
  - The Holocaust, Literature and Popular Culture
  - Margaret Molloy ’11
  - Imagining Oxbridge
  - Colin Poranski ’11
  - Mapping Yoknapatawpha

- **Honors Panel:** 1:45-2:45 p.m.
  - Colleen Curran ’11
  - The Modern Anchoress
  - Rebecca Foerg-Spittel ’11
  - Faith and Doubt
  - Ariana Gomez ’11
  - The Ironic, the Insane, the Ingenious: A Conversation Considering Swift’s Multifaceted Personae
Friday, 29 April

ENGLISH SIGMA TAU DELTA INDUCTION
3:30-4:15 p.m.  Hogan 320
William Hendel ’11        Angela Sigismondi ’12
Christina Lindberg ’11    Kirsten Walther ’12
Michael O’Hara ’11        Patrick Kokoszka ’12
Amy Boerman ’12           David Cotrone ’13
Katherine Hanson ’12      Sheila Coursey ’13
Christopher Hart ’12      Kaitlin Hanley ’13
Elyse Kaplan ’12          Elizabeth Masi ’13
Christian Krenek ’12      Michele Grenier ’13
Brendan Murray ’12        Katie Guandalini ’13
Alexandra Regan ’12       Kelsey Russell ’13

ANTHROPOLOGY
12:00-12:45 p.m.  O’Kane Hallway
Cantor Art
Exhibition:
Robin Cumella ’11        “Geringsing in Transition: A Balinese Textile on the Move”

LATIN AMERICAN AND LATINO STUDIES
12:30-2:30 p.m.  Hogan 403
Jennifer Caffrey ’11     Bilingual Education in the Andes
Camila Matho ’11         Children’s Literature in Latin America
Yashira Robles ’11       Academic Culture and Student Success
Jordan Duffy ’11          Mentoring Refugees from Mexico and Central America
Nina DiNunzio ’11         Patricia Gomez ’11

CHEMISTRY AND BIOCHEMISTRY
1:00-5:00 p.m.  Smith Labs 154
1:00-3:00 p.m.
Lindsey Tonge ’11        The (Dis)Aggregation of Poly-L-Lysine
Anthony Metrano ’11      Synthesis and Optimization of Thiourea-Based Hydrogen Bonding Catalysts
Ryan Quinn ’11           Peptide Isosteres: Synthesis and Evaluation
Jeffery DeLisio ’11      Corona Discharge Ion Mobility Spectrometry
Javin Brita ’11          Sulphonic acid complexes of rhenium (I)
### CHEMISTRY AND BIOCHEMISTRY

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<th>Name</th>
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<td>Michael Haydu '11</td>
<td>Imaging of Laser Induced Plasmas</td>
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<tr>
<td>Bertha Baroody '11</td>
<td>Novel rhenium(I) iodide complexes</td>
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<tr>
<td>Kevin O’Brien '11</td>
<td>Post-translational autoprocessing of a <em>Pyrococcus abyssi</em> intein and a Cryptosporidium hedgehog-like domain</td>
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<tr>
<td>Kathleen Shanley '11</td>
<td>Total Synthesis of Murisolin</td>
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<tr>
<td>Kristina Xega '11</td>
<td>Post-translational autoprocessing by an <em>Oryza sativa</em> hedgehog-like domain</td>
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<tr>
<td>Mary Bonnet '11</td>
<td>Experimental Studies to Determine the Syndecan-4 Adhesome Network</td>
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<tr>
<td>Emily Cartwright '11</td>
<td>Identifying Vif:A3G binding domains in an HIV-I infection</td>
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<td>Kerry Drury '11</td>
<td>The role of Syndecan-1 and E-cadherin in breast cancer: an investigation of Epithelial-Mesenchymal Transition (EMT)</td>
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<tr>
<td>Marisa Fortunato '11</td>
<td>Exploring the Role of Syndecan-1 in Mammary Epithelial Tumorigenesis</td>
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### MONTSERRAT

**Women and Social Change**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Paula Vianca Cunanan '14</td>
<td>“Sarah Grimké, Woman for All”</td>
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<tr>
<td>Stephanie Okpoebo '14</td>
<td>“Harriet Beecher Stowe, A Preacher on Paper”</td>
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<tr>
<td>Jeffrey Reppucci '14</td>
<td>“Anna Julia Cooper: Combating Social Injustice”</td>
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<tr>
<td>Henry Callegary-Karasik '14</td>
<td>“Alice Paul: Taking the Fight to the Streets”</td>
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### ANTHROPOLOGY

**Ethnographic Field Methods**

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Hana Carey '13</td>
<td>The Deeper Meaning of Yoga: The Search for Spirituality in Exercise at Holy Cross</td>
</tr>
<tr>
<td>Caroline Cataldo '12</td>
<td>They Say We Are a Jesuit College: The Transformation of Holy Cross’ Jesuit Identity in a Secular World</td>
</tr>
</tbody>
</table>
Friday, 29 April

ANTHROPOLOGY CONTINUED

Ondrea Venezia ’12 Stories of Sickness: Illness Narratives of Holy Cross Students
Alicia Mendoza ’12 Are You What You Eat? Men and Food at Holy Cross
Beth Federici ’13 A Counter Culture at Holy Cross? An Ethnography of the Ultimate Frisbee Team
Katie Hunter ’12 The Process and Constraints of Making Art: A Case Study of a Pakistani Woman Artist
Lilly Marshall ’11 Creating Artists’ Identity at Holy Cross: Struggles with Selfhood
Dominick Abbate ’11 The Richest People in the World: An Ethnography of Poverty in America
Thu Tran ’11 The Construction of Cultural Identity Among Asian and Asian-American Students at Holy Cross
Alexandra Corrado ’11 Grocery Stores in South Worcester: An Ethnography of Food and Class

ASIAN STUDIES

3:30-4:30 p.m. Hogan 403
JP Gamboa ’11 Is Personal Autonomy Confucian?

FRENCH PI DELTA PHI INDUCTION

4:00-5:00 p.m. Stein 526
Lambda Beta Chapter: 2011 Induction
Esven Carreno ’11 Veronica Forsythe ’12
Katherine Holland ’11 Ashley Noel ’12
Connor LaClair ’11
Friday, 29 April

**BIOLOGY**

4:30-6:00pm  
Spillane  
Pavillion  
Smith Labs  
Atrium

**Poster Session**

“HIV: The Social, Economic and Political Issues that Influence the Health Crisis”

Katherine Barrett '14  
Aidan Camas '14  
Andrea Costello '14  
Sean Dunn '11  
Andrew Fanikos '14  
Nicholas Fasano '14  
David Finn Jr. '12  
Kathryn Giardino '12  
Katherine Grant '13  
Allison Karlovec '14  
Sara Keith '13  
Derek Klinka '12  
Michael Maresca '14  
Dodie O'Keefe '13  
Elizabeth Perez '14  
Katherine Pilch '14  
Christina Polachi '11  
Alexandra Schultz '13  
Irvin Scott '14  
Lauren Spurr '13  
Lindsey Varrelman '11  
Danielle Wasserman '13
8:30 a.m.
Christopher Kopp '11

“The Economics of Conflict: A Wealth Perspective”

9:00 a.m.
Carre Staab '11

“The Literary Warrior: Conceptions of the Hero in European and Japanese Literature”

9:30 a.m.
Daniel P. Goodman '11

“Finding the Balance: The Challenge of the Merchant of Venice in Performance Today”

10:00 a.m.
Julianna Aguilar '11

“Identity Development of Obese Adolescents: The Role of Stigma and Social Interactions”

10:30 a.m.
Anthony J. Metrano '11


11:00 a.m.
Wan Yi Fang '11

“Spanish Bullfighting: Perspectives on the Ban of a Cultural Tradition”

11:30 a.m.
William Grebe '11

“Meal, Metaphor, and More: Food in the Old Testament”

12:00 p.m.
Katherine Andrew '11

“What are the Main Impediments to Democracy in the Middle East? An Analysis of Democratization Theory and History in Egypt, Jordan and Iran”

12:30 p.m.
Sarah Margaret Wright '11


1:00 p.m.
Sarah Meng ’11

“APOBEC3G: Characterizing the Functions of an Anti-HIV Protein”

1:30 p.m.
Brendan Sullivan '11

“Безумие: Differing Portrayals of Insanity in Russian Literature”

2:00 p.m.
Quinn St. Clair Fitzgerald ’11

“Salvadoran Women: Building Civil Society in Times of Conflict”

Saturday, 30 April

COLLEGE HONORS

8:30 a.m. - 3:30 p.m. Hogan 401
Saturday, 30 April

**COLLEGE HONORS CONTINUED**

2:30 p.m.
Abigail Chorlton Riskind ’11
“The Other Lost Generation: The Economic and Social Impact of Growing Old in China”

3:00 p.m.
Sarah Weinstein ’11
“Leaders versus Followers: The Pattern of Genocide in the Nazi Holocaust and Rwanda”

**MUSIC**

2:30-3:30 p.m.
Brooks Concert Hall

Senior Piano Recital

Norman Charette ’11
The program includes:

- Bach, Works from the Well-Tempered Klavier
- Chopin, Prelude, Mazurka, and Etude
- Clementi, Etude
- Beethoven, Sonata
- Debussy, Prelude

**SOCIOLGY AND ANTHROPOLOGY**

1:00-3:00pm
Hogan 406(7)

Tara Neary ’11
Making Sense of Medical Uncertainty: Clinical and Personal Accounts of Mild Cognitive Impairment

Sean Hager ’11
Connections Within the College Community: A Case Study of Social Networks of First-Years and Seniors at College of the Holy Cross

Tina Liu ’11
Locating Uyghur Identity: Representations of Uyghurs in Chinese and American Newspapers
May 6, 2011
2:00-4:00 p.m.   Spillane Pavillion
Smith Labs

Poster Session:

David Balyozian ’12  Determination of the Size of the Hydration Shell of Myoglobin
Brian Blum ’11  Investigation into the Retention Mechanism of a Zwitterionic Stationary Phase
Sarah Boehm ’11  Chemical Fingerprinting of Biodiesel Fuels Using GC-MS and Correlation to Fuel Efficiency Using Chemometric Methods
Benjamin Brink ’12  Cooperativity in Beta-Sheet Mimics
Patrick Burns ’12  Synthesis of New Metallopolymer Precursors to be Used as Polyelectrochromic Materials
Stacy Chin ’12  Utilizing a Protein Splicing Side Reaction to Generate a Fragment for Expressed Protein Ligation
Justin DeFrancisco ’12  Selective Catalysis through Anion Recognition
Colleen Donahue ’11  Determining the Activation Barrier and pH-Dependence of Each Step of Protein Splicing
Jennifer Forkel ’11  Using Differential Scanning Calorimetry to Study RNaseA
Kelly Gilmore ’12  β-Sheet Formation in Short Peptides
Colin Hayes ’12  Efforts Toward the Total Synthesis of Cis-Sylvaticin
Taylor Huhta ’12  Synthesis of Five and Six-Coordinate Aminophenol Ligands with Mannich Condensations
Christopher Jacques ’12  Synthetic Studies on the C1-C16 Segment of Sorangicin A
Nicholas Johnson ’11  Synthesis of Novel Aminoalcohol Compounds Using a Mixed Mannich Condensation/Reductive Amination Synthetic Protocol
Kathryn Kennedy ’12  Attachment of Re(CO)₃⁺ to small proteins
Anna Larkin ’11  Studies on the Synthesis of the C21-C30 Fragment of Sorangicin A
Derek Page ’11  Re(CO)₃ Complexes with Novel Iodo Ligands
Kevin Le ’12
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<th>Student</th>
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<tr>
<td>Michelle Marieni ’11</td>
<td>The Influence of Conserved Catalytic Residues on the Mechanism of Protein Splicing of the <em>Pyrococcus abyssi</em> PolII Intein</td>
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<td>Brian Morgan ’11</td>
<td>Nitrosugar Synthesis via Intramolecular Henry Reaction</td>
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<td>Janet Ng ’11</td>
<td>New Rhenium(I) Diimine Complexes</td>
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<td>Rio Nomoto ’12</td>
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<td>Sarah Palilla ’12</td>
<td>Synthesis of Three-Coordinate Amino-Diheterophenol Ligands Using a Mixed Mannich Condensation/Reductive Amination Synthetic Protocol</td>
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<td>Cristiana Pineda ’12</td>
<td>Investigating Aggregation in Short Peptides Using Fluorescence and UV-Vis Spectroscopies</td>
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<td>Andrew Polio ’12</td>
<td>Synthetic Studies on Boronolide</td>
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<td>Peter Renehan ’12</td>
<td>Study of the Active-Site of 3,4-PCD Using Novel Amino-Diheterophenol Ligands Synthesized with Sequential Mannich Condensations</td>
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<td>Nikolas Savage ’11</td>
<td>Efforts toward the Synthesis of the C29-C39 Fragment of Sorangicin A</td>
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<td>George Savidis ’12</td>
<td>Analysis of the Mechanism of Protein Splicing</td>
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<td>Mitchell Shetter ’12</td>
<td>Thyroxine Complexes of Rhenium (I)</td>
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<td>Sean Till ’12</td>
<td>New Methods for Catalytic Phosphorylation</td>
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<td>Jordan Trubiano ’11</td>
<td>Kinetics of Human-γC-Crystallin Aggregation</td>
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GERMAN DELTA PHI ALPHA INDUCTION

Nationale Deutsche Ehrenverbindung
May 10, 2011
2:00 p.m.  Stein 423

Vinnie Chanthachack ’11  Sean Cordes ’12
Thomas McGlynn ’11  Alyssa Griffin ’12
Stephanie Stoneback ’11