2011 ACADEMIC CONFERENCE

WEDNESDAY
27 APRIL

THURSDAY
28 APRIL

FRIDAY
29 APRIL

SATURDAY
30 APRIL

Holy Cross


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Academic Conference 2011

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

FENWICK SCHOLAR PRESENTATION

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

Meredyth Winter '11 *"In*Conspicuous 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

Colleen Curran '11	"Strictly Ballroom: A Year of Hair Gel, Rhinestones, and a National Championship in Oxford, England."
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
Nicole Gabana '11
Sean Hager '11
Carla Katigbak '11
Grace Dubuque '11
Brittany Gildea '11
Abaigeal Healy '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
Colleen Curtin '14
Ryan Doerhoff '14
Emma Huggard '14
Trinasia Jones '14
Meghan Lake '14
Eileen McGowan '14
Marielle McKenna '14
Michael Paulin '14
Timothy Reichheld '14
Javier Rodriguez '14
Maxwell Rome '14
Belisa Santiago '14
Samuel Silberstein '14
Emily Sullivan '14
Laurie Ulysse '14
Kristine Yamartino '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
Stephen Cardinal '11
Timothy Donovan '11
Henry Hulick '11
Chinese Language 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
Brian Blum '11
Kathryn Cody '11
Johanna Gavin '11
Wilza Jean '11
Elizabeth Marshall '11
Cory Mims '11
Mary Kate O'Keefe '11
Kieran Padgett '11
Christina Sato '11
Caitlin Ward '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
Kelly Casey '13
Jordan Duffy '11
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
Francesca Bruzzese '11
Elizabeth Flaherty '11
Katelyn Gettens '11
Meredith Houghton '11
Kristin Keegan '11
Aidan McGrath '11
Anthony Porcelli '11
Elizabeth Quaglieri '11
Erica Rocha '11
Kathryn Simison '11
Maura Tully '11
Suzanne Wallace '11

Members:

Christopher Bergan '11
Jennifer Caffrey '11
Rachel Diorio '11
Richard Leslie '11
Jamie McCarthy '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
Joseph J. Cavanaugh '12
Joshua J. Chang '12
Alexa Child '12
Julia C. Czaplinski '12
Matthew J. Denney '12
Patricia J. Dunn '12
Robert T. Egnatchik '12
Maryalice Gill '11
Katelyn E. Henmueller '12
Erin M. Linnehan '12
David Lisante '12
Sara Anne Lonks '12
Elena Fortuna Rogliano '12
Sarah Q. Weinstein '11

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
Kevin Connolly '13
Kelly Garvey '12
Lucia Westin '13
Brendan Prast '14
Craig Connolly '13
Natalya Krykova '14
Chris Won '14

Faculty Performers:
Peter Suslski
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 Quaglieri '11
Elizabeth Harrison '11 Spring Tutorial in Museum Practices: From Preparations to Openings

Courtney Lessoon '12 Rokni Haerizadeh: A Vision of Iran

Thursday, 28 April

ART HISTORY CONTINUED

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).
Jessica Sansoucy '11	Mutations in Drosophila Synaptotagmin I and IV Interact in a Genetic Assay.

Thursday, 28 April

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

Alyssa Carboni '11	Women, the Family, and the Collapse
Brenna Feeley '11	Gender, Class, and Psychology of Nutrition
Julianne Campbell '11	Successes, Failures, and Hidden Agendas: The Real Motivation Behind the 19th Century Anti-Abortion Movement and the Resulting Outcomes

HISTORY

11:00-12:30p.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:	**1:45-2:45p.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
Christina Lindberg '11
Michael O'Hara '11
Amy Boerman '12
Katherine Hanson '12
Christopher Hart '12
Elyse Kaplan '12
Christian Krenek '12
Brendan Murray '12
Alexandra Regan '12
Angela Sigismondi '12
Kirsten Walther '12
Patrick Kokoszka '12
David Cotrone '13
Sheila Coursey '13
Kaitlin Hanley '13
Elizabeth Masi '13
Michele Grenier '13
Katie Guandalini '13
Kelsey Russell '13

ANTHROPOLOGY

12:00-12:45 p.m. **O'Kane Hallway**
Cantor Art Gallery

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
Nina DiNunzio '11
Patricia Gomez '11
Mentoring Refugees from Mexico and Central America

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)

Friday, 29 April

CHEMISTRY AND BIOCHEMISTRY CONTINUED

Michael Haydu '11 Imaging of Laser Induced Plasmas

Bertha Baroody '11 Novel rhenium(I) iodide complexes

3:00-5:00p.m.

Kevin O'Brien '11 Post-translational autoprocessing of a *Pyrococcus abyssi* intein and a Cryptosporidium hedgehog-like domain

Kathleen Shanley '11 Total Synthesis of Murisolin

Kristina Xega '11 Post-translational autoprocessing by an *Oryza sativa* hedgehog-like domain

Mary Bonnet '11 Experimental Studies to Determine the Syndecan-4 Adhesome Network

Emily Cartwright '11 Identifying Vif:A3G binding domains in an HIV-1 infection

Kerry Drury '11 The role of Syndecan-1 and E-cadherin in breast cancer: an investigation of Epithelial-Mesenchymal Transition (EMT)

Marisa Fortunato '11 Exploring the Role of Syndecan-1 in Mammary Epithelial Tumorigenesis

MONTSERRAT

2:00-4:30p.m. **Hogan Suite A**

Women and Social Change

Paula Vianca Cunanan '14 "Sarah Grimké, Woman for All"

Stephanie Okpoebo '14 "Harriet Beecher Stowe, A Preacher on Paper"

Jeffrey Reppucci '14 "Anna Julia Cooper: Combating Social Injustice"

Henry Callegary-Karasik '14 "Alice Paul: Taking the Fight to the Streets"

ANTHROPOLOGY

Ethnographic Field Methods **3:00-6:00 p.m.** **Hogan 406(7)**

Hana Carey '13 The Deeper Meaning of Yoga: The Search for Spirtuality in Exercise at Holy Cross

Caroline Cataldo '12 They Say We Are a Jesuit College: The Transformation of Holy Cross' Jesuit Identity in a Secular World

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
Pich Ros '13	Raised Asian? Narratives of Growing Up by Asian and Asian-American Students at Holy Cross
Alexandra Corrado '11	Grocery Stores in South Worcester: An Ethnography of Food and Class

ASIAN STUDIES

3:30-4:30p.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
Katherine Holland '11
Connor LaClair '11
Veronica Forsythe '12
Ashley Noel '12

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

Saturday, 30 April

COLLEGE HONORS

8:30a.m.-3:30 p.m. Hogan 401

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 "A Conceptual and Methodological Analysis of Hydrogen Bonding Catalysis and Its Application in Organic Synthesis"

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 "L'Evoluzione dell'Amore: Filia, Eros, e Agape nelle Opere di Ada Negri" ("The Evolution of Love: Philia, Eros, and Agape in the Works of Ada Negri)"

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 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

SOCIOLOGY 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

CHEMISTRY

May 6, 2011

2:00-4:00p.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 **Derek Page '11**	Studies on the Synthesis of the C21-C30 Fragment of Sorangicin A
Kevin Le '12	Re(CO)3 Complexes with Novel Iodo Ligands

CHEMISTRY CONTINUED

Michelle Marieni '11	The Influence of Conserved Catalytic Residues on the Mechanism of Protein Splicing of the *Pyrococcus abyssi* PolII Intein
Brian Morgan '11	Nitrosugar Synthesis via Intramolecular Henry Reaction
Janet Ng '11	New Rhenium(I) Diimine Complexes
Rio Nomoto '12	Ester-Linked Beta-Sheet Mimics
Sarah Palilla '12	Synthesis of Three-Coordinate Amino-Diheterophenol Ligands Using a Mixed Mannich Condensation/Reductive Amination Synthetic Protocol
Cristiana Pineda '12	Investigating Aggregation in Short Peptides Using Fluorescence and UV-Vis Spectroscopies
Andrew Polio '12	Synthetic Studies on Boronolide
Peter Renehan '12	Study of the Active-Site of 3,4-PCD Using Novel Amino-Diheterophenol Ligands Synthesized with Sequential Mannich Condensations
Nikolas Savage '11	Efforts toward the Synthesis of the C29-C39 Fragment of Sorangicin A
George Savidis '12	Analysis of the Mechanism of Protein Splicing
Mitchell Shetter '12	Thyroxine Complexes of Rhenium (I)
Sean Till '12	New Methods for Catalytic Phosphorylation
Jordan Trubiano '11	Kinetics of Human-γC-Crystallin Aggregation

GERMAN DELTA PHI ALPHA INDUCTION

Nationale Deutsche Ehrenverbindung

May 10, 2011

2:00 p.m. **Stein 423**

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