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Academic Conference 2012

Welcome to the **Holy Cross Academic Conference 2012** 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 but a fraction 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. Every presentation in the conference is the result of its author and faculty advisor's creativity, hard work, and discipline, and together they 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 Suzanne Sousa and Elizabeth Rice (Conference Services) and Kevin O'Loughlin (Hogan Campus Center) and Jesse Anderson (Audio-Visual) 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, studio, and theatre to prepare for these presentations. Congratulations to all!

Enjoy!

Margaret N. Freije
Associate Dean of the College

Wednesday, 25 April

COLLEGE HONORS

9:00 a.m. - 11:00 a.m. Hogan 401

9:00 a.m.
David Lisante '12 — The Infinite Embargo? An Examination of the United States' Sanctions on Cuba

10:00 a.m.
Kelsey Cappetta '12 — Sharing Heritage in More Ways than One: The Acquisition of Culture within the Hispanic Deaf Community

COLLEGE HONORS

3:00 p.m. - 5:30 p.m. Hogan 401

3:00 p.m.
Melissa Browne '12 — An Unpublished Manuscript of the *Iliad* with Scholia: Marcianus Graecus Z. 458 (= 841) (Allen U4)

4:30 p.m.
Eliza Gettel '12 — The Modern Legacy of Antiquity under 20th Century Greek Dictators

5:00 p.m.
Joseph Cavanaugh '12 — The "Power" of Declaration: The War Powers Resolution and the 2011 Libyan Intervention

STUDIO ARTS

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

Thursday, 26 April

PEACE AND CONFLICT STUDIES

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

Casandra Medeiros '12	Case Study in Conflict Economics: Mexican Drug Violence
Iris Sanxhaku '12	Pacificism & U.S. Politics
Clare Dougherty '12	The Proliferation of the Islamist Republic of Iran: The Implications for the Israeli State, Middle Eastern Region, and International Community
Yalda Faqeerzada '12	Women's Rights in Sharia Law

MULTIDISCIPLINARY MAJORS AND MINORS

9:30 a.m. - 5:00 p.m. Hogan 408(9)

9:30 a.m.	
Daniel Gentile '12	The Lasting Impact of the Civil War on its Most Famous Heroes
10:00 a.m.	
Uzra Azizi '12	Conflict Resolution in Afghanistan: Lessons Learned from Bosnia and Rwanda
10:30 a.m.	
Carson Townsend '12	Moroccan Tourism: Inside and Out
11:00 a.m.	
Karen Moik '12	The Impact of Charitable and Sustainable Microfinance Institutions
11:30 a.m.	
Jonathan St. Firmin '12	Booker T. Washington's Compromise and the Future of African Americans
12:00 p.m.	
Jordan Smith '12	Theology in the Passion Narratives: A Comparative Assessment
12:30 p.m.	
James Smith '12	The Influence of Classical Piety in the Time of Erasmus
1:30 p.m.	
Michael Mandrioli '12	Ethical Issues in the Music Industry
2:00 p.m.	
Michael Howland '12	Environmental Ethics

Thursday, 26 April

MULTIDISCIPLINARY MAJORS AND MINORS CONTINUED

2:30 p.m.
Jamie LaCasse '12 — Sea Lions and Commercial Fishing in Mexico

3:00 p.m.
Karen DellaFera '12 — The Myth of Zen in Japanese Archery

3:30 p.m.
Alexandra Regan '12 — The Waste Land: Modern Europe Through the Eyes of T.S. Eliot

4:00 p.m.
Daniel Alteneau '12 — Structural Violence and Katrina

4:30 p.m.
Joshua Lopez Travatello '12 — Digital Media and the Moving Image

COLLEGE HONORS

11:00 a.m. - 1:00 p.m. Hogan 401

11:00 a.m.
William Giancola '12 — Tragedy and Transcendence

11:30 a.m.
Jaeyeon Lee '12 — Fowers, Freud, and the Fourteenth Dalai Lama: Perspectives on Finding Happiness by Finding the Sources of Suffering

12:30 p.m.
Elizabeth Bolduc '12 — Measure Theory and Fourier Series

COLLEGE HONORS

2:00 p.m. - 4:00 p.m. Hogan 401

Special Presentation: Sophomore College Honors Seminar
Forking Paths: Reading and Imaging Borges
Instructors: Isabel Alvarez-Borland, Cristi Rinklin

Kathryn Droumbakis '14 — Dubiety, Dreams and Death: An Analysis of Borges' *The South*

Marielle McKenna '14 — Surpassing Reality: The Significance of Dreams in Borges' *The South*

Natalya Krykova '14 — Time: Reality vs. Perception in Borges' *The South*

Amanda Osowski '14 — Entering Into a "Fantastic Conjecture" with Jorge Luis Borges

Thursday, 26 April

RELIGIOUS STUDIES THETA ALPHA KAPPA INDUCTION

12:00 p.m. - 2:30 p.m. Hogan Suite A

Lauren Evans '12
Andrea Koris '12
Erin Linnehan '12
Andrew Baccari '13
Kimberly Monaco '13
Elizabeth Watters '13

STUDIO ARTS

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

Roundtable Discussion

Jennifer Bautista '12
Taylor Blackwell '12
Kate Cassidy '12
Marcy Kenney '12
Kelsey Long '12
Rachel McMahon '12
Moniqua Williams '12
Craig Martin '12

STUDIES IN WORLD LITERATURES

12:30 p.m. - 1:30 p.m. Stein 522

Cimmaron Binning '12 — Desire's Undesirable Consequences: Prostitution, Promiscuity, Perversion, Putrescence

Cecile Rivera Llorens '12 — The Elusive Don Juan: The Revolutionary Romantic Figure through "El Burlador de Sevilla", "Don Juan" and "Don Juan DeMarco"

Kelsey Long '12 — Fantasy into Exile: Imagination in Children's Literature—a Place Holder for Reality

Megan Quirk '12 — Auslandsstudium in Bamberg: Kenntnisse und Erkenntnisse

Alyssa Griffin '12 — Mein 2. Hauptfach: Deutsch— einfach wunderbar!

AFRICANA STUDIES

2:00 p.m. - 3:00 p.m. Hogan 406(7)

Jeff Harris '12 — Is Colonialism to Blame for Genocide in Rwanda?

Thursday, 26 April

COMMUNITY BASED LEARNING

2:00 p.m. - 4:00 p.m. Hogan 328

2011-2012 Highlights from Community Based Learning
Panel Presentation moderated by the CBL Scholars

Edgar Arreola '12
James Borders '12
Emily Comstock '12
Ariana Mahoney '12
Gloria McMahon '14
Katiary Munoz '13
Carson Townsend '12
Arinelli Villa '12

Presentations:

Aaron Jackson '15	Intro to Women's and Gender Studies: Plumley Village
Annie Wynters '14	Faith & World Poverty: Elm Park Community School
Alyssa Ruhland '13	Resilience and Development: Girls C.H.O.I.C.E.
Caitlin DiMaina '12	Catholic Thought and Social Action: Oxfam International
Kibbs Fortilus '13	Women, Poverty and Religion: Let's Get Ready, YouthNet
Liz Watters '13	Catholic Thought and Social Action: Project Night Night
Sofia Spanos '12	Resilience and Development: Lutheran Social Services, Big Brothers Big Sisters

STUDY ABROAD

2:00 p.m. - 4:00 p.m. Hogan 320

<u>Student Panel</u>

Alison Doyle '12	A Great Year's Work: My Time in the University College Cork Alumni Office
Elizabeth Geraghty '12	Competing Identities: Experiencing Art in Australia
Andrew DeVivo '12	El Camino de Santiago: The Journey of a Lifetime
Jaeyon Lee '12	Learning about the Culture through Sports at Oxford University

Thursday, 26 April

STUDY ABROAD CONTINUED

Mattea Cumoletti '12	Memory and Understanding: Reflections on Visiting Auschwitz
Claire Borzner '12	Observations on the Judicial System in France

SPANISH SIGMA DELTA PI INDUCTION

5:00 p.m. - 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 2012:

Inductees:

James Budinich '12
Kelsey Cappetta '12
Isamar Checo '12
Drew Chisholm '12
Daniel Clavin '12
Julianne Croes '12
Andrew DeVivo '12
Nicole Guarnieri '12
Kendra Kline '12
Colleen Melaugh '12
Katiary Munoz '13
Emily Polacek '12
Ogerta Sema '12
Brady Totten '12

ECONOMICS HONORS

3:30 p.m. - 5:00 p.m. Hogan 403

Paul Maloney '12	Does it Pay to Attend an Elite Liberal Arts College?
Caroline Knuff '12	Has the Development of Online Newspaper Components Positively or Negatively Impacted Newspaper Print Sales?
Andrew Kraynak '12	Medical Net Discount Rates: An Investigation into the Total Offset Approach

POLITICAL SCIENCE

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

Jordan Edwards '12	Markets and Models of Childbirth
Joshua Chang '12	The Internet's Democratic Mirage: Sustaining Authoritarian Rule in China

Thursday, 26 April

POLITICAL SCIENCE PI SIGMA ALPHA INDUCTION

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

Lindsay M. Allcroft '13
Ashlyn E. Angell '13
Corey E. Beck '13
Mary G. Bidgood '13
Bridget M. Bowman '13
Colleen G. Bowman '13
Alex P Clavering '13
Kate M. Connelly '12
Michael F. Daly '12
Daniel P. DeConinck '13
Clare M. Dougherty '12
James P. Fisher '13
Patrick M. Jarvis '13
Jacob S. Kripp '13
Lauren A Kuehn '13
Travis J. LaCouter '13
Daniel J. Lautenschlager '13
Robert N. LiCalzi '12
Paul J. Misci '13
Dodie J. O'Keefe '13
Emma D. Pellerin '12
Alex P. Peterson '12
Kelly M. Reagan '13
Alex P. Rouleau '13
James R. Simmons Jr. '13
Joanna V. Staley '12
Matthew H. Trachy '12
Daniel P. Thompson '13

ART HISTORY

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

Evangelia Stefanakos '14 The *Battle of the Centaurs* by Michelangelo

Christina Fernandez '12 The Cubans Have Landed! Modern Cuban Artworks in the Cantor Gallery

Jane McEnaney '12 Experience through Exploration: The Subjective Aestheticism of René Green's Journey

Michael Bender '15
Chase Padusniak '15 My Personal Choice from the Museum of Fine Arts

Aliza Ritsko '12
Robert Morrissy '12 Jean Cocteau's film *Beauty and the Beast* (1947)

AMERICAN SIGN LANGUAGE/DEAF STUDIES

4:30p.m. - 7:00 p.m. Hogan 406(7)

Experience in the Deaf Community: Spring 2012

Tara Greeley '12
Camille Trainor '12 *Happy Healthy Me*…Bringing Awareness of a Healthy Lifestyle to Deaf People Through Nutrition and Exercise

Mollie Sydlowski '12 The Power of Touch: Awareness of the Deaf Blind Community

Thursday, 26 April

AMERICAN SIGN LANGUAGE/DEAF STUDIES CONTINUED

Kelsey Cappetta '12 — Sharing Heritage in More Ways than One: The Acquisition of Culture Within the Hispanic Deaf Community

Kathryn Donovan '12 — Getting to the Head of the Class: Education in a Deaf Elementary School

Courtney Lyons '12 — De'Via…Through Deaf Eyes A Representation of Deaf Artists and Perceptions Based on Deaf Experiences

Elyse Kaplan '12 — Our Deaf Sisters' Center: Finding the Language of Survival

STUDIO ART

Senior Major Opening — **5:30 p.m. - 7:00 p.m.** — **Cantor Art Gallery**

Jennifer Bautista '12
Taylor Blackwell '12
Kate Cassidy '12
Marcy Kenney '12
Kelsey Long '12
Rachel McMahon '12
Moniqua Williams '12
Craig Martin '12

BIOLOGICAL PSYCHOLOGY

6:00 p.m. - 8:00 p.m. **Smith Labs 154**

Bethany Charron '12 — Amphetamine's Disruptive Effects on Prepulse Inhibition in Mice is Accentuated by TCB-2, a Serotonin 2A Receptor Agonist
Bethany Charron '12, Anna Whelan '12, and Pr. Daniel Bitran

Anna Whelan '12 — Reboxetine-Induced Increase in Prepulse Inhibition in Mice is Prevented by TCB-2, a Serotonin 2A Receptor Agonist, but not by Amphetamine, a Dopamine-Releasing Drug: Implications for Atypical Antipsychotic Treatment of Schizophrenia
Anna Whelan '12, Bethany Charron '12, Tara Raj '13, Gregory Peters '14, Samantha Nardi '13, Evan Morgan '14, Kevin Wall '14, Catherine Ward '13, and Pr. Daniel Bitran

Patrick Lowe '12 — First Down or First Impression? A Study of the Primacy Effect in Football Scenes in Expert Players and Non-Players Patrick Lowe '12 and Pr. Gregory DiGirolamo

Thursday, 26 April

BIOLOGICAL PSYCHOLOGY CONTINUED

Sean Gillespie '12

Cognitive Control Predicts Treatment Relapse in Emerging Adults with Opiate Addiction
Sean Gillespie '12 and Pr. Gregory DiGirolamo

Ellen Sophis '12

Control Over Behavior in Alcohol Drinkers: How Much Does that Drink Make You Want It?
Ellen Sophis '12 and Pr. Gregory DiGirolamo

Thomas O'Brien '12

Drosophila Synaptotagmin I and IV Interact Genetically in an Assay of Larval Lethality
Thomas O'Brien '12, Jessica Sansoucy '11, Christopher Lally '12, and Pr. Sarah Webster

Cecilia Carlowicz '12

Embodiment of Meditation: Immediate Effects of Zen Meditation on Vigilance in Skilled and Unskilled Meditators Cecilia Carlowicz '12 and Pr. Richard Schmidt

Sara Connolly '12

The Embodiment of Meditation: Dynamic Physiological Rhythms During Zen Meditation
Sara Connolly '12 and Pr. Richard Schmidt

Friday, 27 April

WOMEN'S & GENDER STUDIES

9:00 a.m. - 4:00 p.m. Hogan 408(9)

9:00 a.m. - 10:45 a.m.

Kristen Buonassisi '12 — Advertising in Men's Magazines and the Codes of Gender

Lauren D'Abrosca '12 — The Superwoman Syndrome: A Comparison Study of Female Faculty and Administrators in a Liberal Arts College

Sinthia Pena '12 — Wives of the Feminist: Finding the Latina Voice Within the Feminist Movement Through Politics

Elyse Kaplan '12 — Inside the Madhouse: Literally

Amanda Marello '12 — Through the Cracked Looking-Glass: Motherhood in Contemporary Irish Female Memoir

11:00 a.m. - 1:00 p.m.

Sarah Grady '12 — Attitudes Toward Domestic Violence and Feelings of Self-Worth Among Women Who Have or are At-Risk of Having HIV

Shameka Coleman '12 — Different Shades: The Effects of Skin Color on Self Esteem In Black Women

Stacie Provencher '12 — Freedom, Rights, and Personhood: Reconsidering the Political Construction of Abortion in America

Taylor Messiter '12 — An Analysis of Birthing Practices in the United States

Michelle Ruiz '12 — The Gender Differences in Diagnosis of Autism

Susan Knowles '12 — Body Image and the Holy Cross Female

2:00 p.m. - 4:00 p.m.

Christina Ramdat '12 — The Psychological and Interpersonal Affects of Rape and Sexual Assault on Female Rape Victims

Juliana Biolsi '12 — Women at Work: The Value of Women's Initiatives Within A Company

Kathryn Giardino '12 — The Performance of Gender in the LGBTQ Community

Friday, 27 April

WOMEN'S & GENDER STUDIES CONTINUED

Kathryn Donovan '12 — How Context Influences Verbal and Psychological Abuse

Simone Blanchard '12 — The Gendered Body

Itza Serrano '12 — Through the Paintbrush: Finding Femininity in Works by Female Artists

SUMMER RESEARCH

9:30 a.m. - 12:00 p.m. Hogan 403

Julia Bandini '12
Prof. Ed Thompson — The Bearing of Gender and Health on Widower's Bereavement

Chad Desharnais '12
Prof. Benjamin Jee — Images that Support Science Learning

Amanda Engstrom '12
Prof. Michelle Mondoux — The Effects of High Glucose Exposure on Fertility in Cearnorhabitis Elegans

Ellen Sophis '12
Kendall Presti '14
Prof. Gregory DiGirolamo — Control Over Behavior in Alcohol Drinkers: How Much Does that Drink Make You Want It?

Priscilla Lam '12
Prof. Andrew Futterman — The Structure of Religious Orientation in Later Life

COLLEGE HONORS

10:00 a.m. - 6:00 p.m. Hogan 401

10:00 a.m.
Michele Oviedo '12 — The Black Church and "Full-Body" Religious Involvement: Race and Religion among Worcester's Elderly

10:30 a.m.
Caroline Galiatsos '12 — Unequal Citizenship: Civic Education in Massachusetts Public High Schools

11:00 a.m.
Sean Gillespie '12 — Cognitive Control Predicts Relapse In Opiate-Addicted Emerging Adults

2:00 p.m.
Daniel Sheehan '12 — Manipulating Taxes to Influence Business Growth: An Effective Public Policy?

Friday, 27 April

COLLEGE HONORS CONTINUED

2:30 p.m.
Brendan Murray '12 — Man in Nature: A Collection of Short Stories

3:00 p.m.
C. Daniel Earley '12 — Homer's Brain: Cognitive Connections between Audiences and Singers of Homeric Epic

3:30 p.m.
Robert LiCalzi '12 — The Evolution of Technology and Its Effects Upon Representative Government in China

4:00 p.m.
Robert Sevenich '12 — Through a Camera Darkly: An Analysis of Mental Illness in Film

4:30 p.m.
George Matthews '12 — Cicero, Quintilian, and the Science of Persuasion: An Examination of the Role of Arguments from *Ethos* in Ancient Roman Oratory of the Late Republic

LATIN AMERICAN AND LATINO STUDIES

10:30 a.m. - 12:30 p.m. Hogan 406(7)

Kendra Kline '12 — Spiritism and Western Medicine: Are They Compatible?

Chantal Gonzales '12 — Speaking Spanish at Holy Cross: Student Reflections

Elizabeth Shenk '12 — Community Activism in Worcester and in Callao, Peru

Cintia Garcia '12 — Opening Our Eyes: Stories of Civil War in El Salvador

Daiana Rua '12
Nathalie Spina '14 — Las Madres de la Plaza de Mayo: From Film to the Front Lines

Friday, 27 April

ENGLISH HONORS

10:45 a.m. - 3:00 p.m. Hogan 320

Honors Panel:	**10:45 a.m. - 12:00 p.m.**
Heidi Grek '12	Defining Style through the Comparative Analysis of Poe and Hoffmann
Amanda Marello '12	Motherhood in Irish Female Memoir
Christian Krenek '12	A (New) Theory of Relativity: Relative Dimensions and the Construction of Worlds in Children's Literature
Emma Pellerin '12	The Brontes and the Supernatural
Honors Panel:	**12:15 p.m. - 1:15 p.m.**
Tara Grieco '12	A Girl Built By Books
Alison Bruno '12	Palimpsest
Breanne LaCamera '12	Digging in the Sand
Honors Panel:	**2:00 p.m. - 3:00 p.m.**
Elyse Kaplan '12	Inside the Madhouse: How Female Writers Use the Asylum Trope
Kirsten Walther '12	Sympathy, Context, and Perspective: Cultivating Intellect in George Eliot
Emily Petersell '12	Contemplation and Enjoyment in Renaissance Literature

ENGLISH SIGMA TAU DELTA INDUCTION

3:45 p.m. - 4:30 p.m. Hogan 320

2012 Inductees:

Catherine Burgess '12
Caitlin DiCapua '12
Alexandra El-Bayeh '12
Nicola Garat '12
William Giancola '12
Julia Hamilton '12
Kelly Hanley '12
Marcy Kenney '12
Jaeyeon Lee '12
Heather MacGillivray '12
Emily Petersell '12
Rachel Salemme '12
Quinn MCCracken '13
Egan Millard '13
Meghan Summerson '13
Katrina Burns '14
Benjamin Oxford '14
Cherylann Pasha '14
David Perretta '14

Friday, 27 April

BIOCHEMISTRY

1:00 p.m - 3:00 p.m. Smith Labs 154

Cat Flynn '12	An Exploration of Syndecan-1 in Relation to Merlin in Neurofibromatosis Type 2
Tom Gallant '12	Harnessing the Power of A3G, an Anti-HIV-1 Protein
Megan Montesion '12	Exploring the Syndecan-4 Adhesome
Ben Brink '12	Aggregation in Artificial Beta-Sheets
Cristi Pineda '12	The Aggregation of Glutamine Based Tetra and Pentapeptides
George Savidis '12	Expression and Auto-Processing of Hedgehog-Like Proteins from *Brugia malay*
Sean Till '12	Synthetic Phosphorylation Using Pyrophosphates
Rio Nomoto '12	An Exploration of Protein Aggregation with Chemical Models

CHEMISTRY

3:30 p.m. - 5:30 p.m. Smith Labs 154

Dominika Lastovickova '12	New Amino-Alcohol Ligands for Modeling 3,4-Protochatechuate Dioxygenase
Kevin Le '12	New Rhenium Diimine Complexes
Justin DeFrancisco '12	Investigations in Stereoselective Catalysis
Andrew Polio '12	Synthesis of the C8-C15 Fragment of Sorangicin A
Patrick Burns '12	Hybrid Thiophene-Aminophenol Monomers for the Preparation of Conducting Metallopolymers
Mitchell Shetter '12	Synthesis of Amino Acid Containing $Re(CO)_3$(imidazole carboxaldehyde)X Compounds
Stacy Chin '12	Intein-Mediated Peptide Bond Cleavage Adjacent to Aspargine or Glutamine
Kelly Gilmore '12	Beta Sheet Formation in Tripeptides

Friday, 27 April

HISTORY

1:00 p.m. - 4:00 p.m. Hogan 304(5)

Honors/ Fourth-Year Theses:

Melissa Magill '12 — Memories Altered: The Media's Influence on the Memories of Charles Manson and Patty Hearst

Jillian Plummer '12 — Pain, Paternalism, Patriotism: The Changing Image of African Americans during the Civil War

Michael Rogers '12 — Hasting to be Rich: The Religious Response of New England to the California Gold Rush

American Antiquarian Society Seminar:

Lara Norman '13 — Shopping for Freedom: Shopping in the Mid Nineteenth Century as a Form of Liberation for Women

Fourth-Year History Seminar:

Matthew Russo '12 — Racing to be Modern: The 1911 Universal Races Congress and the East

Joseph Tutino '12 — Holy Cross and the Civil War

ANTHROPOLOGY

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

Ethnographic Field Methods:

Mary E. Callahan '13 — Dialect Shifts: The Influence of Academic Culture On Language

Malyun Maalin '12 — Students' Narratives of Holy Cross Education

Rebecca N. Camargo '12 — American as a Second Language: Understanding How Language Politics of Public Schools in the United States Contributes to Constructions of Ethnic and National Identities

Frank J. Barbiero '13 — Collaborative Healthcare: Varying Expertise of Healthcare Facility Employees and their Role in Patients' Illness Experiences

Mario Leiva '14 — Gender, Body, and Self Image: A Glimpse into the Current Media Phenomenon

Suzanne Roath '12 — Facebook: The Faces of the New Digital World

Friday, 27 April

SOCIOLOGY

4:00 p.m. - 6:00 p.m. Hogan Suite A

Independent Study, Elder Services Internship:

Kate Bradway '13 — Providing Home Care to Worcester's Aging Population: An Intern's Perspective

Sociology and Anthropology Department Honors:

Frances Hamilton '12 — The Social Significance of Alzheimer's in Everyday Family Life

Madison Hebert '12 — Friends on the Move: An Investigation of the Role of Friendship in the Holy Cross Study Abroad Experience

Julia Bandini '12 — Medical Tourism in a Global World: Globalization, Place, and Inequality

Lauren D'Abrosca '12 — The Superwoman Syndrome: A Comparative Study of Female Faculty and Administrators in a Liberal Arts College

MONTSERRAT

2:00 p.m. - 4:00 p.m. Hogan 519

Round Table Discussion: **"Pop and Hip-Hop: Is There Such A Thing As Responsible Listening?"**

Moderator:
Christopher Higel-McGovern '15

Panelists:
Quantasia Islam '15
Michael Noone '15
Steve Karalolos '15
Alexandra Parise '15
Chelsea Monahan '15
Jazmyn Reid '15

CLASSICS

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

Christine Bannan '14
Caroline Fador '14
Caroline Furey '14
Vannak Khin '15
Gloria McMahon '14
Deborah Sokolowski '14

Visualizing an Eleventh Century Manuscript with Scholia

Friday, 27 April

CLASSICS CONTINUED

Neil Curran '14 **Megan Whitacre '14** **Rebecca Musgrave '14**	A "Total Editing" Approach to a Digital Scholarly Edition
Andrew Boudon '15 **Nik Churik '15** **David Cieremans '15** **Brian Clark '15** **Pat Rapuano '14** **Michael Roberts '13**	Source Material and Working Practice of a Medieval Scribe: Observations on the Escorialensis 291 (Y i.1) (Allen E3)
Michael Russo '15 **Anne Salloom '14**	New Observations on Scholia in the Oldest Manuscript of the Illiad
Matt Angiolillo '13 **Christine Roughan '14**	Scholia to Iliad 14 in Two Manuscripts in Venice (Venetus A and Allen U4)
Melissa Browne '12	"An Unpublished Manuscript of the Iliad with Scholia: Marcianus Graecus Z. 458 (= 841) (Allen U4)"

ECONOMICS HONORS

3:30 p.m. - 5:00 p.m. Hogan 403

Stacey Hochkins '12	Gender Differences in Competitive Balance: McDonald's All Americans and Their Decision to Participate in Intercollegiate Basketball
Patrick Hipple '12	Revolution Via Social Media
Nick Bodurian '12	Bailouts and Bank Risk: The Association between Banks Specific Risk Measurements and TARP Participation

FRENCH PI DELTA PHI INDUCTION

4:00 p.m. - 5:00 p.m. Stein 526

Julia Bandini '12	**Megan Patterson '12**
Sarah E. Cicchetti '12	**Valerie Peacock '12**
Veronica Forsythe '12	**Friederike Recker '12**
Annie O'Shea '12	**Caroline C. Zwahlen '12**

CHAMBER MUSIC FESTIVAL

8:00 p.m. Brooks Concert Hall

Sarah Cicchetti '12 - Violin	**Kelly Garvey '12 - Violin**
Kevin Hoenig '12 - Viola	**Julia Hamilton '12 - Cello**

Saturday, 28 April

COLLEGE HONORS

12:30 p.m. - 5:30 p.m. Hogan 401

12:30 p.m.
Katelyn Henmueller '12 — For Amber Waves of Grain: Agricultural Subsidies and the Politics Behind America's Farm Legislation

1:00 p.m.
Catherine Flynn '12 — An Exploration of Syndecan-1 in Relation to Merlin in Neurofibromatosis Type 2

1:30 p.m.
Nicole Guarnieri '12 — Between Capitalism and Socialism: Religion and Distributive Justice

2:00 p.m.
Chad Desharnais '12 — Applying Cognitive Theory to Real-World Problems in Learning and Education

2:30 p.m.
Cristiana Pineda '12 — The Aggregation of Glutamine Based Tetra and Pentapeptides

3:00 p.m.
Peter Renehan '12 — Fear and Identity in the Synthetic: The Rise of the Posthuman

3:30 p.m.
Thomas Wilde '12 — Economic Development and the Chinese Automotive Industry

4:00 p.m.
Rio Nomoto '12 — An Exploration of Protein Aggregation with Chemical Models

4:30 p.m.
Mark Weyland '12 — Examining Marie Antoinette: A Comparative Historiography Based Upon Visual Accounts of an Outsider Queen

5:00 p.m. ***(Hogan 519*****)**
Christopher Hart '12 — Songs After James Joyce's *Chamber Music*: A Collection of Songs and Essays

MUSIC

4:00 p.m. **Brooks Concert Hall**

Senior Recital: **Danielle Libatique '12**

CHEMISTRY

May 4, 2012 **Smith Labs 154**
1:00 p.m. - 2:45 p.m.

Dominika Lastovickova '12	New amino-alcohol ligands for modeling 3,4-Protochatechuate dioxygenase
Kevin Le '12	New Rhenium Diimine Complexes
Justin DeFrancisco '12	Investigations in Stereoselective Catalysis
Andrew Polio '12	Synthesis of the C8-C15 Fragment of Sorangicin A
Patrick Burns '12	Hybrid thiophene-aminophenol monomers for the preparation of conducting metallopolymers
Mitchell Shetter '12	Synthesis of amino acid containing $Re(CO)_3$(imidazole carboxaldehyde)X compounds
Kelly Gilmore '12	Beta Sheet formation in tripeptides

CHEMISTRY

May 4, 2012 **Smith Labs Atrium**
3:30 p.m. - 5:30 p.m.

Poster Session:

Courtney Downes '13	Using Aldehyde Precursors in Mannich Condensations
Matt Zielinski '13	Mannich Condensations with Thiophene Amines
Stephen Coletti '12	New Rhenium Diimine Compounds
Calvin Luu '12	Investigating $Re(CO)_3$(dipeptide) and $Re(CO)_3L$ Compounds
Andrew Baccari '13	A Kinetic Analysis of the Nucleophilic Substitution Reactio
Kyle Rodriguez '12	Identifying Distillate Fractions using Functional Group Tests
Kara Brownell '12	Gas Phase Laser Induced Breakdown Spectroscopy
Stephanie Craig '13	The Chemistry of Carbon Plasmas

CHEMISTRY CONTINUED

Alexandra Kostaras '13	Laser Induced Breakdown Study of Carbon in Soil
Kathryn Tracy '12	Laser Induced Breakdown Study of Soil Contaminants
Stephen Hahneman '13	Hydrogen Bond Determinations in Primary and Secondary amides
Megan Hanly '12	Examining Hydrogen Bond Strength in Glutamine Derived Peptides
Christopher Shugrue '13	Controlling the Stereochemistry of Michael Reactions using Catalytic Peptides
Kathryn Colelli '13	Protein Splicing of a Temperature-Dependent Intein from an Extreme Thermophile
Kevin Karanja '13	Protein Splicing of Inteins from *Synechococcus* sp. PCC 7002 and *Pyrococcus abyssi*
Michael Nicastri '13	Conditional Protein Splicing of Inteins with a Non Canonical C-terminal Glutamine
Jennifer Pusztay '13	Protein Splicing of a Class Three Intein from *Clostridium thermocellum*
Laura Urbanski '13	Side-Chain Cyclization of Gln or Asn Residues Coupled to Peptide Bond Cleavage in an Intein and a Model Peptide
Jennie Williams '13	Protein Splicing Facilitated by Highly Similar Inteins from Two Extreme Thermophiles
Brittany Deane '12	The Disaggregation of Poly-L-Lysine
Tiago Martins '12	Probing Crystallin Aggregation through Enzyme Digestion and Mass Spectrometry
Maria DiPoto '12	Synthetic Studies on Sorangicin A
Michael Mandrioli '12	Synthesis of the C1-C7 Fragment of Sorangicin A
Emily Allen '13	Catalytic P(V) Phosphorylation with Orthogonal Protecting Groups
Kevin Connolly '13	Synthesis of Peptide Isosteres

CHEMISTRY CONTINUED

Joseph Todaro '12	Synthesis of "caged" Phosphates
Jessica Pilloni '12	Palladium-Catalyzed Alkylation of Aromatic Imidates

GERMAN DELTA PHI ALPHA INDUCTION

Nationale Deutsche Ehrenverbindung
May 8, 2012
12:30 p.m. - 2:00 p.m. Stein 423

Cimmaron Binning '12
Heidi Grek '12
Kathryn 'Katinka' Hunter '12
Megan Quirk '12
Annie 'Brigitte' Helmkamp '13
Daniel Arnold '14
Bobby Keilig '14