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 I
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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presenter</th>
<th>Title</th>
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<tbody>
<tr>
<td>2:30 p.m.</td>
<td>Jamie LaCasse '12</td>
<td>Sea Lions and Commercial Fishing in Mexico</td>
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<tr>
<td>3:00 p.m.</td>
<td>Karen DellaFera '12</td>
<td>The Myth of Zen in Japanese Archery</td>
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<tr>
<td>3:30 p.m.</td>
<td>Alexandra Regan '12</td>
<td>The Waste Land: Modern Europe Through the Eyes of T.S. Eliot</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Daniel Alteneau '12</td>
<td>Structural Violence and Katrina</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Joshua Lopez Travatello '12</td>
<td>Digital Media and the Moving Image</td>
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</tbody>
</table>

### COLLEGE HONORS

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presenter</th>
<th>Title</th>
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<tbody>
<tr>
<td>11:00 a.m.</td>
<td>William Giancola '12</td>
<td>Tragedy and Transcendence</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Jaeyeon Lee '12</td>
<td>Fowers, Freud, and the Fourteenth Dalai Lama: Perspectives on Finding Happiness by Finding the Sources of Suffering</td>
</tr>
<tr>
<td>12:30 p.m.</td>
<td>Elizabeth Bolduc '12</td>
<td>Measure Theory and Fourier Series</td>
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</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Presenter</th>
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<tbody>
<tr>
<td>Kathryn Droumbakis '14</td>
<td>Dubiety, Dreams and Death: An Analysis of Borges’ <em>The South</em></td>
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<tr>
<td>Marielle McKenna '14</td>
<td>Surpassing Reality: The Significance of Dreams in Borges’ <em>The South</em></td>
</tr>
<tr>
<td>Natalya Krykova '14</td>
<td>Time: Reality vs. Perception in Borges’ <em>The South</em></td>
</tr>
<tr>
<td>Amanda Osowski '14</td>
<td>Entering Into a “Fantastic Conjecture” with Jorge Luis Borges</td>
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</tbody>
</table>
**Thursday, 26 April**

### RELIGIOUS STUDIES THETA ALPHA KAPPA INDUCTION

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

<table>
<thead>
<tr>
<th>Lauren Evans ’12</th>
<th>Andrew Baccari ’13</th>
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</thead>
<tbody>
<tr>
<td>Andrea Koris ’12</td>
<td>Kimberly Monaco ’13</td>
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<tr>
<td>Erin Linnehan ’12</td>
<td>Elizabeth Watters ’13</td>
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</tbody>
</table>

### STUDIO ARTS

**Studio Art Seniors**

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

**Roundtable Discussion**

<table>
<thead>
<tr>
<th>Jennifer Bautista ’12</th>
<th>Kelsey Long ’12</th>
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<tr>
<td>Taylor Blackwell ’12</td>
<td>Rachel McMahon ’12</td>
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<td>Kate Cassidy ’12</td>
<td>Moniqua Williams ’12</td>
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<td>Marcy Kenney ’12</td>
<td>Craig Martin ’12</td>
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</table>

### STUDIES IN WORLD LITERATURES

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

<table>
<thead>
<tr>
<th>Cimmaron Binning ’12</th>
<th>Desire's Undesirable Consequences: Prostitution, Promiscuity, Perversion, Putrescence</th>
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</thead>
<tbody>
<tr>
<td>Cecile Rivera Llorens ’12</td>
<td>The Elusive Don Juan: The Revolutionary Romantic Figure through “El Burlador de Sevilla”, “Don Juan” and “Don Juan DeMarco”</td>
</tr>
<tr>
<td>Kelsey Long ’12</td>
<td>Fantasy into Exile: Imagination in Children’s Literature—a Place Holder for Reality</td>
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<tr>
<td>Megan Quirk ’12</td>
<td>Auslandsstudium in Bamberg: Kenntnisse und Erkenntnisse</td>
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<tr>
<td>Alyssa Griffin ’12</td>
<td>Mein 2. Hauptfach: Deutsch— einfach wunderbar!</td>
</tr>
</tbody>
</table>

### 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  Gloria McMahon ’14
James Borders ’12  Katiary Munoz ’13
Emily Comstock ’12  Carson Townsend ’12
Ariana Mahoney ’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

Student Panel

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  Lauren A Kuehn '13
Ashlyn E. Angell '13  Travis J. LaCouter '13
Corey E. Beck '13  Daniel J. Lautenschlager '13
Mary G. Bidgood '13  Robert N. LiCalzi '12
Bridget M. Bowman '13  Paul J. Misci '13
Colleen G. Bowman '13  Dodie J. O'Keefe '13
Alex P Clavering '13  Emma D. Pellerin '12
Kate M. Connelly '12  Alex P. Peterson '12
Michael F. Daly '12  Kelly M. Reagan '13
Daniel P. DeConinck '13  Alex P. Rouleau '13
Clare M. Dougherty '12  James R. Simmons Jr. '13
James P. Fisher '13  Joanna V. Staley '12
Patrick M. Jarvis '13  Matthew H. Trachy '12
Jacob S. Kripp '13  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  My Personal Choice from the Museum of Fine Arts
Chase Padusniak '15
Aliza Ritsko '12  Jean Cocteau's film Beauty and the Beast (1947)
Robert Morrissy '12

**AMERICAN SIGN LANGUAGE/DEAF STUDIES**

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

Experience in the Deaf Community: Spring 2012

Tara Greeley '12  Happy Healthy Me...Bringing Awareness of a Healthy Lifestyle to Deaf People Through Nutrition and Exercise
Camille Trainor '12
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   Kelsey Long '12
Taylor Blackwell '12   Rachel McMahon '12
Kate Cassidy '12       Moniqua Williams '12
Marcy Kenney '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
<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Sean Gillespie ’12</td>
<td>Cognitive Control Predicts Treatment Relapse in Emerging Adults with Opiate Addiction</td>
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<td>Sean Gillespie ’12 and Pr. Gregory DiGirolamo</td>
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<tr>
<td>Ellen Sophis ’12</td>
<td>Control Over Behavior in Alcohol Drinkers: How Much Does that Drink Make You Want It?</td>
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<td>Ellen Sophis ’12 and Pr. Gregory DiGirolamo</td>
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<tr>
<td>Thomas O’Brien ’12</td>
<td>Drosophila Synaptotagmin I and IV Interact Genetically in an Assay of Larval Lethality</td>
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<td>Thomas O’Brien ’12, Jessica Sansoucy ’11, Christopher Lally ’12, and Pr. Sarah Webster</td>
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<tr>
<td>Cecilia Carlowicz ’12</td>
<td>Embodiment of Meditation: Immediate Effects of Zen Meditation on Vigilance in Skilled and Unskilled Meditators Cecilia Carlowicz ’12 and Pr. Richard Schmidt</td>
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<tr>
<td>Sara Connolly ’12</td>
<td>The Embodiment of Meditation: Dynamic Physiological Rhythms During Zen Meditation</td>
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<td>Sara Connolly ’12 and Pr. Richard Schmidt</td>
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</tbody>
</table>
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**

<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Kathryn Donovan '12</td>
<td>How Context Influences Verbal and Psychological Abuse</td>
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<tr>
<td>Simone Blanchard '12</td>
<td>The Gendered Body</td>
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<tr>
<td>Itza Serrano '12</td>
<td>Through the Paintbrush: Finding Femininity in Works by Female Artists</td>
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</table>

**SUMMER RESEARCH**

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Julia Bandini '12</td>
<td>The Bearing of Gender and Health on Widower's Bereavement</td>
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<tr>
<td>Prof. Ed Thompson</td>
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<tr>
<td>Chad Desharnais '12</td>
<td>Images that Support Science Learning</td>
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<tr>
<td>Prof. Benjamin Jee</td>
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<tr>
<td>Amanda Engstrom '12</td>
<td>The Effects of High Glucose Exposure on Fertility in C. elegans</td>
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<tr>
<td>Prof. Michelle Mondoux</td>
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<tr>
<td>Ellen Sophis '12</td>
<td>Control Over Behavior in Alcohol Drinkers: How Much Does that Drink Make You Want It?</td>
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<tr>
<td>Kendall Presti '14</td>
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<tr>
<td>Prof. Gregory DiGirolamo</td>
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<tr>
<td>Priscilla Lam '12</td>
<td>The Structure of Religious Orientation in Later Life</td>
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<td>Prof. Andrew Futterman</td>
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**COLLEGE HONORS**

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>10:00 a.m.</td>
<td>Michele Oviedo '12</td>
<td>The Black Church and “Full-Body” Religious Involvement: Race and Religion among Worcester’s Elderly</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Caroline Galiatsos '12</td>
<td>Unequal Citizenship: Civic Education in Massachusetts Public High Schools</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Sean Gillespie '12</td>
<td>Cognitive Control Predicts Relapse In Opiate-Addicted Emerging Adults</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>Daniel Sheehan '12</td>
<td>Manipulating Taxes to Influence Business Growth: An Effective Public Policy?</td>
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### COLLEGE HONORS CONTINUED

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>2:30 p.m.</td>
<td>Brendan Murray '12</td>
<td>Man in Nature: A Collection of Short Stories</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>C. Daniel Earley '12</td>
<td>Homer's Brain: Cognitive Connections between Audiences and Singers of Homeric Epic</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Robert LiCalzi '12</td>
<td>The Evolution of Technology and Its Effects Upon Representative Government in China</td>
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<tr>
<td>4:00 p.m.</td>
<td>Robert Sevenich '12</td>
<td>Through a Camera Darkly: An Analysis of Mental Illness in Film</td>
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<tr>
<td>4:30 p.m.</td>
<td>George Matthews '12</td>
<td>Cicero, Quintilian, and the Science of Persuasion: An Examination of the Role of Arguments from Ethos in Ancient Roman Oratory of the Late Republic</td>
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### LATIN AMERICAN AND LATINO STUDIES

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

<table>
<thead>
<tr>
<th>Presenter</th>
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<tbody>
<tr>
<td>Kendra Kline '12</td>
<td>Spiritism and Western Medicine: Are They Compatible?</td>
</tr>
<tr>
<td>Chantal Gonzales '12</td>
<td>Speaking Spanish at Holy Cross: Student Reflections</td>
</tr>
<tr>
<td>Elizabeth Shenk '12</td>
<td>Community Activism in Worcester and in Callao, Peru</td>
</tr>
<tr>
<td>Cintia Garcia '12</td>
<td>Opening Our Eyes: Stories of Civil War in El Salvador</td>
</tr>
<tr>
<td>Daiana Rua '12</td>
<td>Las Madres de la Plaza de Mayo: From Film to the Front Lines</td>
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<tr>
<td>Nathalie Spina '14</td>
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</tbody>
</table>
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  
Emily Petersell '12  
Rachel Salemme '12  
Quinn McCracken '13  
Egan Millard '13  
Meghan Summers '13  
Katrina Burns '14

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  
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 \(\text{Re(CO)}_3(\text{imidazole carboxaldehyde})X\) 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

**SOCIOLGY**

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

**Independent Study, Elder Services Internship:**

Kate Bradway ’13  
Proning 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  
Alexandra Parise ’15

Michael Noone ’15  
Chelsea Monahan ’15

Steve Karalolos ’15  
Jazmyn Reid ’15

**CLASSICS**

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

Christine Bannan ’14  
Visualizing an Eleventh Century Manuscript with Scholia

Caroline Fader ’14

Caroline Furey ’14

Vannak Khin ’15

Gloria McMahon ’14

Deborah Sokolowski ’14
Friday, 27 April

CLASSICS CONTINUED

Neil Curran '14  A “Total Editing” Approach to a Digital Scholarly Edition
Megan Whitacre '14  
Rebecca Musgrave '14  
Andrew Boudon '15  Source Material and Working Practice of a Medieval Scribe: Observations on the Escorialensis 291 (Y i.1) (Allen E3)
Nik Churik '15  
David Cieremans '15  
Brian Clark '15  
Pat Rapuano '14  
Michael Roberts '13  
Michael Russo '15  New Observations on Scholia in the Oldest Greek Manuscript of the Iliad
Anne Salloom '14  
Matt Angiolillo '13  Scholia to Iliad 14 in Two Manuscripts in Venice (Venetus A and Allen U4)
Christine Roughan '14  

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.  
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.  
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)$_3$L 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

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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
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