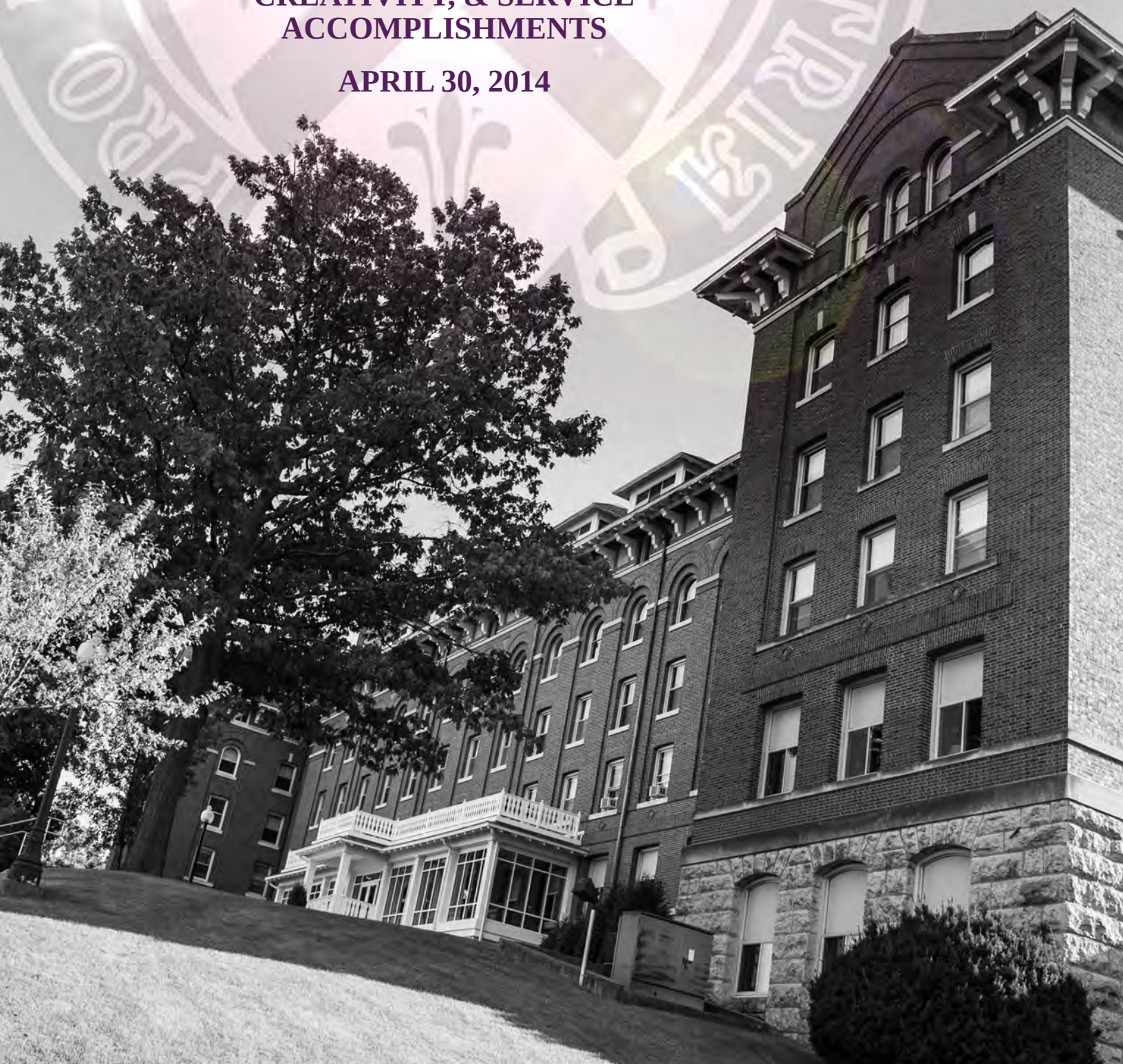
LORAS LEGACY SYMPOSIUM

PRESENTATIONS OF RESEARCH, CREATIVITY, & SERVICE ACCOMPLISHMENTS

APRIL 30, 2014



A TRIBUTE TO THE MOST REV. MSGR. JAMES BARTA, PH.D.

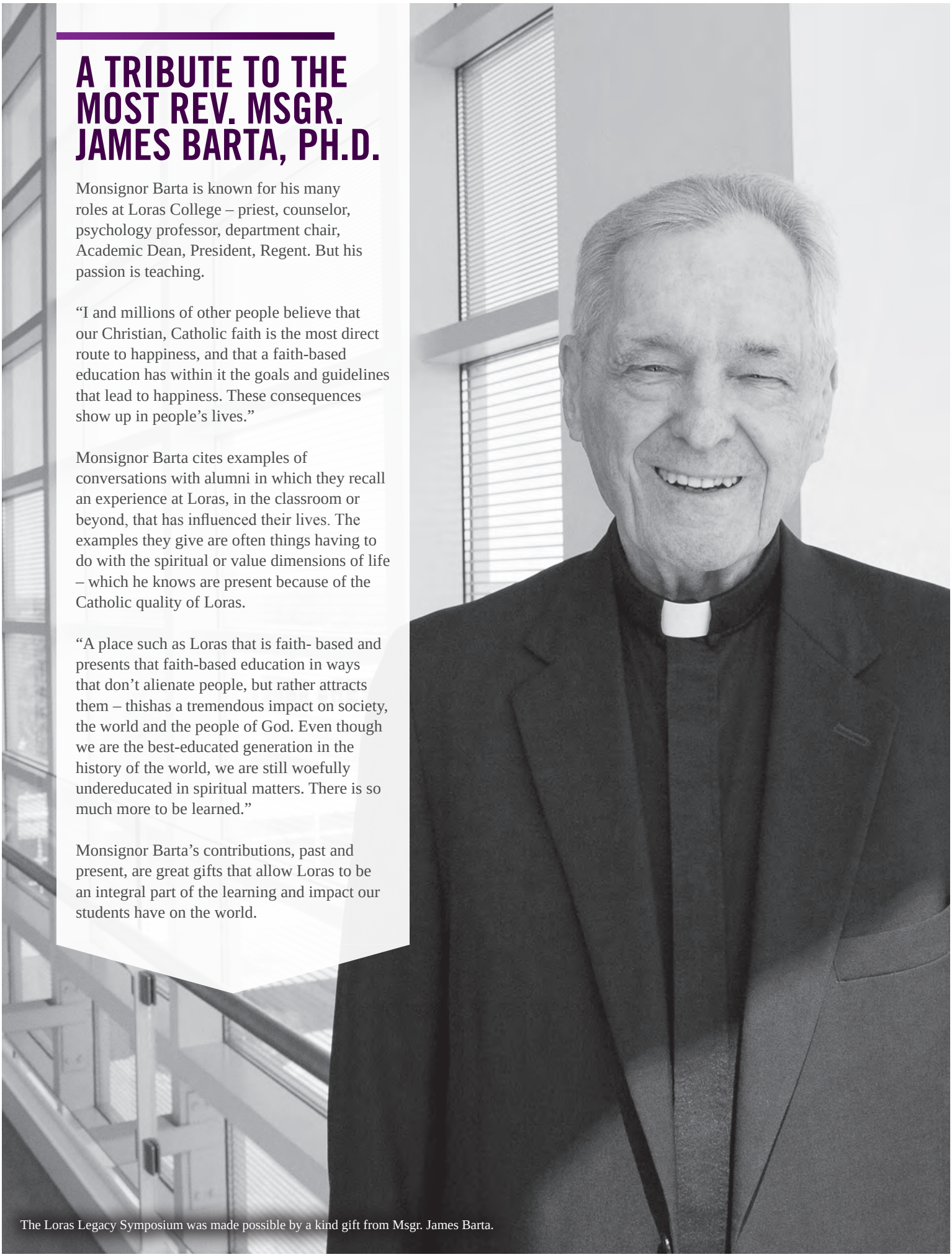
Monsignor Barta is known for his many roles at Loras College – priest, counselor, psychology professor, department chair, Academic Dean, President, Regent. But his passion is teaching.

“I and millions of other people believe that our Christian, Catholic faith is the most direct route to happiness, and that a faith-based education has within it the goals and guidelines that lead to happiness. These consequences show up in people’s lives.”

Monsignor Barta cites examples of conversations with alumni in which they recall an experience at Loras, in the classroom or beyond, that has influenced their lives. The examples they give are often things having to do with the spiritual or value dimensions of life – which he knows are present because of the Catholic quality of Loras.

“A place such as Loras that is faith- based and presents that faith-based education in ways that don’t alienate people, but rather attracts them – thishas a tremendous impact on society, the world and the people of God. Even though we are the best-educated generation in the history of the world, we are still woefully undereducated in spiritual matters. There is so much more to be learned.”

Monsignor Barta’s contributions, past and present, are great gifts that allow Loras to be an integral part of the learning and impact our students have on the world.



The Loras Legacy Symposium was made possible by a kind gift from Msgr. James Barta.

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LETTER FROM THE PRESIDENT

Dear Loras Students,

It is a privilege to write and commend you on your participation in Loras' first annual Legacy Symposium during our 175th year.

As you know, our faculty and staff set high expectations and encourage a rigorous academic experience. Though there are times when you may not appreciate all that is required or wonder if you have the ability to succeed with any given undertaking, today's showcase should affirm a variety of your talents in any number of disciplines. You have drawn upon a vast array of intellectual, creative, collaborative, interdisciplinary, research, and service-oriented strengths to produce great works.

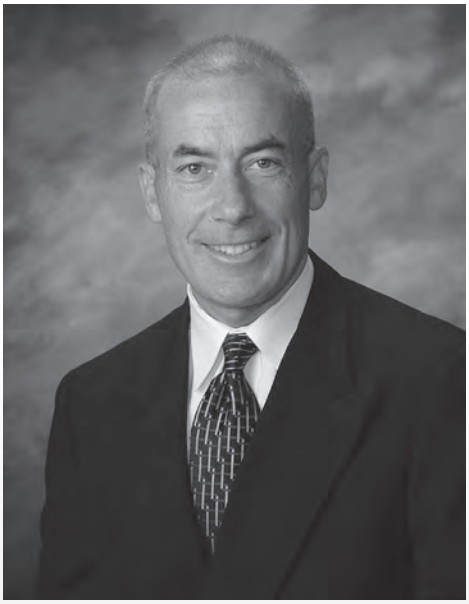
My colleagues join me in celebrating your achievements and look forward to what's next within your academic journey at Loras, as well as the opportunities you'll pursue throughout your lives. Keep finding ways to draw upon the industrious processes which led to your projects and work being showcased today.

Be sure to thank the faculty and staff who have especially mentored you along the way. Additionally, join me in thanking our generous benefactor, Msgr. Barta, and our faculty leaders – Drs. Cooper, Garoutte, Sinha, and VanLaningham – for making the Legacy Symposium a grand and well-deserved recognition of your accomplishments. For now, however, enjoy this special day with your peers. Be proud of what you have accomplished and celebrate the success of others, too.

Congratulations and best wishes for continued academic success!

Cordially,

James E. Collins '84
President



SCHEDULE

8:30 a.m. - 8:50 a.m.

Call to Community: Celebrating Catholic Intellectual Tradition
Alumni Campus Center, Concourse

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

Session I: Concurrent Poster Session, Oral Presentations and Juried Art Exhibit
Academic Resource Center, Wahlert Hall, Alumni Campus Center

10:15 a.m. - 11:15 a.m.

Session II: Concurrent Poster Session, Oral Presentations and Juried Art Exhibit
Academic Resource Center, Wahlert Hall, Alumni Campus Center

11:30 a.m. - 1:00 p.m.

Student Awards Convocation (Invitation Only)
Athletic & Wellness Center

175th Birthday Party Lunch
The Café

1:15 p.m. - 2:10 p.m.

Session III: Concurrent Poster Session, Oral Presentations and Juried Art Exhibit
Academic Resource Center, Wahlert Hall, Alumni Campus Center

2:20 p.m. - 3:15 p.m.

Session IV: Concurrent Poster Session and Oral Presentations
Academic Resource Center, Wahlert Hall, Alumni Campus Center

3:30 p.m. - 4:30 p.m.

Faculty Presentations I
Academic Resource Center

4:40 p.m. - 5:40 p.m.

Faculty Presentations II
Academic Resource Center

5:45 p.m. - 6:55 p.m.

Faculty Reception

7:00 p.m. - 8:30 p.m.

Film Festival
Alumni Campus Center, Marie Graber Ballroom

9:00 A.M. - 10:00 A.M. | ALUMNI CAMPUS CENTER, MARIE GRABER BALLROOM

SESSION I: POSTER SESSION

Aging and Health • Art, Music, and Creativity • Psychology and the Mind • Astronomy, Chemistry, and Robots • Learning and Business

1. Filial Responsibility and Expectations for Aging Parental Care in Early and Middle Adulthood
Nicholas Neibergall, Daniel Duffy, Allyson Satterlee, Morgan Meyer
Advisor/Mentor: Dr. Lisa Grinde

2. College Students' Perceptions of Mental Health Disorders in Three Countries
Allyson Satterlee, Kenzie Goedken
Advisor/Mentor: Dr. Lisa Grinde

3. The Fine Arts and You (Honors Project)
Kayla Barnes, Christy Al-Bazboz, Nikki Pleggenkuhle, Catalina Santacruz, Ximena Duque Roa, John Paul Sevcik
Advisor/Mentor: Dr. Julia Omarzu

4. Relationship Between Personality, Music and Art Preferences
Isabella Irurita
Advisor/Mentor: Dr. Julia Omarzu

5. Personality Stereotypes Related to Music and Art Students
Claira Sieverding, Jenna Adams, Isabella Irurita
Advisor/Mentor: Dr. Julia Omarzu

6. The Effect of Creative Play on Divergent Thinking
Jenna Adams
Advisor/Mentor: Dr. Julia Omarzu

7. Is Mindfulness Hurting Your Implicit Awareness?
Daniel Duffy, Matthew Carbonelli, J. Coleman Heaney
Advisor/Mentor: Dr. Sara Bagley

8. The Relationship Between Extroversion, Neuroticism, Self-Esteem and Cortisol
J. Coleman Heaney, Daniel Duffy
Advisor/Mentor: Dr. Sara Bagley

9. The Effect of Facial Symmetry on Human Attractiveness
Ashley Holubar, Kaitlyn Kutsch, Kendra Langreck
Advisor/Mentor: Dr. Daniel Wenny

10. Automatic Book Scanner
Ryan Steckel, Dolina Maharjan, Tim McGreal, Sajjan KC
Advisor/Mentor: Dr. Clark Merkel

11. Robotic Arm Manipulator
Daniel Poveda, Ram Gautam, Bryce Ewan
Advisor/Mentor: Dr. Clark Merkel

12. Quadrocopter
Janak Panthi, Daniel Trautwein, Juan Perez, Anthony Egging
Advisor/Mentor: Dr. Clark Merkel

13. Making Space: Empowering Change (Honors Project)
Elizabeth Edwards, Sara Hahn, Samantha Eckrich, Kathryn Hermanas, Amanda Sharkey, Blake Gibney, Juanita Bustamante
Advisor/Mentor: Dr. Hilarie Welsh

14. Photometric and Spectroscopic Measurements Supporting the Model of an Eclipsing Binary Stellar System for 68 Herculis
Janak Panthi, Dr. Kenneth McLaughlin
Advisor/Mentor: Dr. Kenneth McLaughlin

15. The Trajectory of Latino Students in Special Education
Allyson Satterlee
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

16. The Beast: Retrofitting the Controls of an RC Car
Edward Harris, Gabriela Torres
Advisor/Mentor: Dr. Kristen Thompson

17. Phi Beta Lambda Competitions
Nick Czeshinski, Amy Tressel, Danielle Koos, Matt Lane, Henry Song, Isabela Pessatto
Advisor/Mentor: Prof. Mathew Keyes

18. Hut No. 8 Marketing Research Project
Nick Battalini, Mike Pudlo, Robert Howe, Richard Clopton, Lauren Parr, Melissa Kula
Advisor/Mentor: Prof. Patrick Marzofka

19. Business Seminar Simulation
Thomas Carr, Austin Heeren
Advisor/Mentor: Prof. Hugh Graham

20. Improving the Cavity in Implicit Solvation Models
Matthew Pins
Advisor/Mentor: Dr. Adam Moser

21. Diastereoselectivity of Diels Alder Reaction
Laxman Gautam
Advisor/Mentor: Dr. Adam Moser

22. Investigation into the Use of Computation Chemistry Software in Collegiate Coursework
Anthony Gates
Advisor/Mentor: Dr. Adam Moser

23. Close the School of the Americas Vigil (SOAV) November 2013
Catherine Naughton, Mary Agnoli, Kalli Miner, Betsy Schimtz, Christian Teran, Tom Blacklock, Dustin Schafbuch, AnneMarie Elsinger, Megan McGovern
Advisor/Mentor: Fr. Bob Gross, Ms. Julie Arensdorf, Ms. Stacia McDermott, Dr. Chris Lammer-Heindel

24. Baltimore/Washington, DC Social Action Trip 2014
Anna Speltz, Missy Wachuta, AnneMarie Elsinger, Tom Blacklock, Dustin Schafbuch, Monica Shaffer, Julie VanDynHoven, Kate Naughton, Lizzie Kelly
Advisor/Mentor: Mr. Nathaniel Gee, Ms. Stacia McDermott

9:00 A.M. - 10:00 A.M.

SESSION I: ORAL PRESENTATIONS

Catholic Social Teaching/Social Justice
Moderator: Dr. David Cochran
Location: Alumni Campus Center, Mary Alexis Room

Developing Responsible Contributors: Human Dignity Issues in the Sports Business Industry
Kathryn Belanger
Advisor/Mentor: Dr. Matthew Garrett

Catholic Social Teaching on Human Trafficking
Lina Rodriguez Araujo, Rachel Fitzgibbon, Laura Bohorquez Duque
Advisor/Mentor: Dr. Matthew Shadle

Human Trafficking: An International Humanitarian Crisis
Gina Dacy
Advisor/Mentor: Dr. Benjamin Darr

Health and Technology
Moderator: Dr. David Oostendorp
Location: Wahlert Hall, Curriculum Library

Antimicrobial Activity of American Ginseng Supplements on an Array of Bacteria
Megan Kittleson
Advisor/Mentor: Dr. Aditi Sinha

Healthy Living (Honors Project)
Micaela Mertens, Elizabeth Kunkel, Clare Ehlbeck, Emily Weig, Mel Ekins, Devin Gackle
Advisor/Mentor: Dr. Kate Cooper

Molecules that Changed History: Ethyl Alcohol
Jason Derby, Brittany Lijewski, Paige Mabie
Advisor/Mentor: Dr. Adam Moser

Government and Resistance
Moderator: Dr. Kristin Anderson-Bricker
Location: Wahlert Hall, 101

Stopping SNCC: The FBI's Successful Dismantling of SNCC through COINTELPRO
Timothy Vorwald
Advisor/Mentor: Dr. Kristin Anderson-Bricker

"The Tree in Guernica"
Michelle Dutton
Advisor/Mentor: Prof. William Jablonsky

Comerford v. United States: A Moot Court Demonstration
Megan Horst, Dale Elenteny
Advisor/Mentor: Dr. Christopher Budzisz

Education
Moderator: Prof. John Upstrom
Location: Alumni Campus Center, Arizona Room

The Logical Analysis, Criticism and Conclusion of Higher Educational Financial Aid: An Essay
Jacob Mescher
Advisor/Mentor: Dr. Jennifer Smith

Engaging Middle School Students through Poetry
Kathryn Kasten; Anna Speltz; Holly Klein; Megan Redmond; Molly Cain; Benjamin Savory; Nora Zerante; Kristin Reuter; Desiree Tamez
Advisor/Mentor: Dr. Hilarie Welsh

Poetry Collection
Lacy Smith
Advisor/Mentor: Dr. James Pollock

Partnerships
Moderator: Dr. Jacob Heidenreich
Location: Academic Resource Center, 202

Effects of the Allelochemicals AITC and BITC from Garlic Mustard *(Alliaria petiolata)* on Rhizobial Partnerships
Veronica Andraski
Advisor/Mentor: Dr. Aditi Sinha

"Witch Spit Lullaby"
Mychole-Anthoni Price
Advisor/Mentor: Dr. James Pollock

Building a Legacy: How Three Weeks Changed the Future of Two Dubuque Organizations
Alexandria Settanni
Advisor/Mentor: Dr. Janine Kane

Sex and Gender
Moderator: Dr. Anne Marx Scheuerell
Location: Academic Resource Center, 102

Sexualization Differences in Magazine Advertisements Based on Gender Specific Audience
Lauren Byrne
Advisor/Mentor: Dr. Lisa Garoutte

Permeating Patriarchy: The Role of the Supernatural in Matthew Lewis' *The Monk*
Monica Shaffer
Advisor/Mentor: Dr. Erin VanLaningham

Wins Produced in the WNBA
Katie Gonzales
Advisor/Mentor: Dr. Matthew Rissler

9:00 A.M. - 10:00 A.M.

SESSION I: JURIED ART EXHIBIT

The media for this exhibition includes painting, drawing, 3D design, mixed media, collage, digital painting, digital imaging, graphic design, and illustration.
Location: Alumni Campus Center, Ballroom A

Artists: Julia Arth, Sara Steuer, Anna Davit, Joseph Yonkoff, Megan McGovern, Erica Elsbernd, Keontae Neely, Mark Fuentebella, Daniela Rivera, Brieanna Pumilia, Isabella Irurita, Austin Lowry Luther, Leigha Felder, Margaret Douglas, Miriam McKee, Randi Westervelt, Elizabeth Romano, Lisa Kolf
Advisors/Mentors: Prof. Wendy Romero, Prof. Seth Myers, Mr. Kyle Calvert

The following artists will be available to discuss their work during Session I: Daniela Rivera, Julia Arth, Sara Steuer, Austin Lowry Luther, Margaret Douglas

A Senior Exhibition
Artist: Sara Steuer
Location: Woodward Gallery (Visitation Building)
Exhibit open: 9:00 a.m. - 3:15 p.m.
Artist available: 2:15 p.m. - 3:15 p.m.
Advisors/Mentors: Prof. Wendy Romero, Prof. Seth Myers

10:15 A.M. - 11:15 A.M. | ALUMNI CAMPUS CENTER, MARIE GRABER BALLROOM

SESSION II: POSTER SESSION

Education and Learning • Happiness and Motivation • Service and Culture • Science, Religion, and Technology

1. Folding of Meta-Poly-Phenylene Ethynylene (mPPE)
Kaitlin Hefel
Advisor/Mentor: Dr. Adam Moser

2. Chapel Hill, North Carolina Service Trip 2014
Tanner Emerson, Lizzie Kelly, Hannah Way, Megan Fitzpatrick, Katie Husemann, Jillian Koos, Kristina Everding, Sam Anderson, Jesse Anderson
Advisor/Mentor: Ms. Colleen Kuhl

3. Heat Rover
Jacob Meyer, Tim Manka
Advisor/Mentor: Dr. Kristen Thompson

4. McKee, Kentucky Service Trip 2013
Kathryn Kasten, Emily Steepleton, Rebecca Draus, Nadia Duarte, Hermes Ruiz
Advisor/Mentor: Ms. Colleen Kuhl

5. Relationship Between Science and Religion
Michaela Frazier
Advisor/Mentor: Dr. Lisa Garoutte

6. A Cross-Generational Qualitative Examination of Nature and Technology Memories
Lauren Byrne, Evayn Roper
Advisor/Mentor: Dr. Lisa Grinde

7. Competing Identities in Christian Hispanic LGBT Individuals
Nick Neibergall
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

8. New Orleans, Louisiana J-term Service Trip 2014
Anne Church, Emily Steepleton, Coleman Heaney, Adrienne Shavers, Mark Fuentebella, Jenna Lueken, Hayley Wegrzyn, Yvette Bahena, Anna Sweeney, Emma Smith, Elizabeth Fischer, Dan Duffy
Advisor/Mentor: Ms. Colleen Kuhl

9. Coarse-Grained Modeling of Reverse Micelles
Morgan Rea
Advisor/Mentor: Dr. David Speckhard

10. Overexpression of Nostrin in Neutrophils of *Danio rerio*
Jacalyn Russ
Advisor/Mentor: Dr. Kate Cooper

11. Vanceburg, Kentucky Service Trip 2014
Kelsey Callahan, Megan Kelchen, Kat Edwards, Teresa Gwardys, Ryan Kuboshek, Rachel Fitzgibben, Tyler Morrisey, Alyssa Maty, Cassie Lowery, Ellie Horst
Advisor/Mentor: Ms. Colleen Kuhl

12. Overexpression of FCHO2 in the Neutrophils of *Danio rerio*
Chelsey Warning
Advisor/Mentor: Dr. Kate Cooper

13. Arduino Door Opener
James Rubino, Michael Krol
Advisor/Mentor: Dr. Kristen Thompson

14. Using Technology in a Hybrid Approch to Teaching Reading in the Elementary Classroom
Hannah Swart
Advisor/Mentor: Dr. David Salyer

15. Connecting Cultures: Creating a Better Learning Environment for Hispanic Students
Sarah Schultz
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

16. The Role of Regional Culture on the Academic Success of People with Disabilities
Leah Colsch
Advisor/Mentor: Dr. Lisa Garoutte

17. Undocumented Latino Immigrants and Higher Education
Justin Tallard
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

18. Emergent Literacy Development Using the iPad: Phoneme Segmentation and Blending in Single Syllable CVC Words
Mary Dodson
Advisor/Mentor: Dr. David Salyer

19. Student and Teacher Gender Difference Implications
Ashley Miller
Advisor/Mentor: Dr. Lisa Garoutte

20. College and Hispanic Students: What gets them to Higher Education
Luis Santoyo
Advisor/Mentor: Dr. Lisa Garoutte

21. Passion and Process: A Story of Experiential Learning
Mary McClure
Advisor/Mentor: Ms. Maggie Baker

22. The Effects of Personal and Family Demographics on One's Motivation in Relation to Theory X and Theory Y
Anna Wernimont
Advisor/Mentor: Dr. Lisa Garoutte

23. Economic Development in Eastern Europe
Jacob Clay
Advisor/Mentor: Dr. Dennis O'Conner

24. Public Sentiments Regarding Homelessness
Sarah Link
Advisor/Mentor: Dr. Lisa Garoutte

25. Romantic Relationships and Feelings of Happiness
Dawn Kelly
Advisor/Mentor: Dr. Lisa Garoutte

26. Chasing the Dream: A Look at Hispanic Influence on Major League Baseball
Sam Lozada
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

27. Does Having Children Make an Exciting Life?
Alyssa Raymond
Advisor/Mentor: Dr. Lisa Garoutte

10:15 A.M. - 11:15 A.M.

SESSION II: ORAL PRESENTATIONS

Aesthetics and Beauty
Moderator: Fr. William Joensen, Ph.D.
Location: Alumni Campus Center Arizona Room

Analysis of True Beauty Eating Disorders Awareness Campaign
Cara O'Keeffe
Advisor/Mentor: Dr. Julia Omarzu

Art, Beauty, and Meaning
Samantha Eckrich, Anna Speltz, Nicole Otruba
Advisor/Mentor: Dr. Roman Ciapalo

Simple Gifts
Anne Spoden
Advisor/Mentor: Dr. Roy Carroll

Peace
Moderator: Dr. Kathrin Parks
Location: Wahlert Hall, Curriculum Library

A Peaceful Resolution of the Israeli-Palestinian Conflict
Geovanni Almanza, Megan Horst, Jacob Mesher, Estherjoy Mungai, Brett Robbins, Laura Wondra
Advisor/Mentor: Dr. David Cochran

An Algorithm for Peace (Honors Project)
Mary Agnoli, Colin Halbmaier, Tricia McCarthy, Doug Zabler
Advisor/Mentor: Dr. Matthew Shadle, Prof. Bradley Cavanagh

Poetry Collection
McKenzie Frey
Advisor/Mentor: Dr. James Pollock

Rebels and Rebellion
Moderator: Dr. Jean Merrill
Location: Alumni Campus Center, Kehl Room

Conceptualizing the American Past: Vietnam
Cole Smith
Advisor/Mentor: Dr. Kristin Anderson-Bricker

No One to Blame but the Individual
Hallie Hayes
Advisor/Mentor: Dr. Andrew Auge

Sport Marketing Association Case Study: Rebellion Rewards
Kathryn Belanger, Katie Gonzales, Adam Schwoebel, Shane Williams
Advisor/Mentor: Dr. Matthew Garrett

Ethics and Social Justice
Moderator: Dr. Christopher Budzisz
Location: Academic Resource Center, 402

Investigating Social Justice: Internship in the US Senate Education Office, Senator Tom Harkin (Washington, D.C.)
Katheryn Kasten
Advisor/Mentor: Ms. Stacia McDermott

The Gentlemen of *The Woman in White*
Amanda McKenna
Advisor/Mentor: Dr. Erin VanLaningham

Wal-Mart: Minimum Wage vs. Livable Wage
Corrine Abele, Kathryn Belanger, Amanda McWhinney, Lauren Parr
Advisor/Mentor: Prof. Karen Sturm

Law and Justice
Moderator: Dr. Kathleen Jeffries
Location: Academic Resource Center, 202

"An Evening With Torano"
Andrea Berns
Advisor/Mentor: Prof. William Jablonsky

Cost-Benefit Analysis of a Mental Health Jail Diversion Program
Michael Carey, Coleman Heaney, Dr. Valerie Bell, Dr. Leonard Decker
Advisor/Mentor: Dr. Valerie Bell

War on Terrorism
Elizabeth Kaczmarek
Advisor/Mentor: Dr. Scott Scheuerell

Loras College
Moderator: Prof. Nancy Zachar Fett
Location: Alumni Campus Center, Mary Alexis Room

A Sociocultural-Historical Examination of What it Means to be a Duhawk
Austin Heeren, Kayla Balke
Advisor/Mentor: Dr. Lisa Grinde

Du-Board
Greg Coogan, Sim Shakya, Javan Aimable, Hannah Konzen, Neal Sapkota
Advisor/Mentor: Dr. Michael Thompson

The Growth of Fair Trade at Loras College (Honors Project)
Lina Rodriguez, Tucker Brady, Ryan Sheeran
Advisor/Mentor: Dr. Dana Livingston

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The following artists will be available to discuss their work during Session II: Megan McGovern, Isabella Irurita, Anna Davit, Keontae Neely, Miriam McKee, Elizabeth Romano

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Artist: Sara Steuer
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Artist available: 2:15 p.m. - 3:15 p.m.
Advisors/Mentors: Prof. Wendy Romero, Prof. Seth Myers

1:15 P.M. - 2:10 P.M. | ALUMNI CAMPUS CENTER, MARIE GRABER BALLROOM

SESSION III: POSTER SESSION

International Issues • Economics and Legislative Action • Gender, Class, and Service • Science and Healthcare

1. Air Pollution in India
Janak Panthi
Advisor/Mentor: Dr. Benjamin Darr

2. Women in 12 Countries: A Study of Sexual Violence
Megan Martin
Advisor/Mentor: Prof. Bradley Cavanagh

3. Honduras APUFRAM Service Trip 2014
Christian Teran, Daniela Rivera, Kathryn Mantyh, Laura Bohorquez Duque, Dadelynn Myers, Magdalena Saenz Ruiz, Monique Loubert, Peter Novak, Rachel Swindell, Shea Wild, Mary Agnoli, Ben Berning
Advisor/Mentor: Ms. Colleen Kuhl

4. Islam in America/Muslims in Dubuque
Emily Day, Maria Siebels on behalf of REL 212: Islam in America
Advisor/Mentor: Dr. John Waldmeir

5. New Orleans, Louisiana Spring Break Service Trip 2014
William Ebron, Lucas Evett, Chelsey Warning, Juliana Lancheros, Carolina Rusinque, Parishwi Giri, Isaac Sturm, Jason Painter, Claire Ehlbeck, Luke Barr, Peter Benson, Colin Halbmaier, Lina Rodriquez, Sarah Gascoigne
Advisor/Mentor: Ms. Colleen Kuhl

6. Identidad, Identidade, Identitat: The Deconstruction of Regional and National Identities in Spain
Anna Farber
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

7. A "Necessary" Hatred: Ethnic Antagonism Between the Khmer and Vietnamese
Laura Wondra
Advisor/Mentor: Dr. Mark Kehren

8. Chicago Darst Center Service Trip 2014
Emily Lensing, Chris Kasten, Bri Cook, Sammy Eckrich, Brien Nugent, Cara O'Keeffe, Mary Phillips, Christine McDonald, Mel Ekins, Stephanie Henscheid
Advisor/Mentor: Ms. Colleen Kuhl

9. Benefits: A Road to Recovery
Ryan Sheeran
Advisor/Mentor: Dr. Dennis O'Connor

10. Savings
Nicholas Czeshinski
Advisor/Mentor: Dr. Dennis O'Connor

11. Morton, Mississippi Service Trip 2014
Amy Trapani, Rachel Henrich, Jenny Andrysczyk, Ryan McCarty, Joel Pohland, Andrea Enda, Katie Kramer, Nicholas Coleman
Advisor/Mentor: Ms. Colleen Kuhl

12. Banned Literature (Honors Project)
Anne Evans, Micaela Fosdick, Colleen Kennedy, Timothy Nass, Sienna Seas, Samantha Vath, Kaitlin Yahr
Advisor/Mentor: Dr. John Waldmeir

13. Música única a un país único: La Nueva Trova cubana
Lara Mangialardi
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

14. National Identity and Memory in Eastern Europe
Jacob Clay
Advisor/Mentor: Dr. Mark Kehren

15. The Mexican Mammy: Stereotypes about Hispanic Women in Film
Sarina DeJesus
Advisor/Mentor: Dr. Lisa Garoutte

16. Social Mobility of Immigrants in Relationship to Religious Citizens
Josh Bruns
Advisor/Mentor: Dr. Lisa Garoutte

17. Race, Gender, and Class: Reinforcing Party Affiliation or Creating Breach?
Est Mungai
Advisor/Mentor: Dr. Lisa Garoutte

18. The Effects of Background Dancers in Rap Music
Patricia Ochs
Advisor/Mentor: Dr. Lisa Garoutte

19. Comparing the Millennial Generation, Generation X and Baby Boomers on Organic Solidarity-Related Qualities
Emily Steepleton
Advisor/Mentor: Dr. Lisa Garoutte

20. The Addition of Hydrogen Halides to Conjugated Double Bonds Under Kinetic Control
Jason Painter
Advisor/Mentor: Dr. David Oostendorp

21. Dendrimers
Donna Johnston
Advisor/Mentor: Dr. David Oostendorp

22. The Extraction of Corticosterone from Mouse Fur
Jacob Norton
Advisor/Mentor: Dr. Michael Jarcho, Dr. David Speckhard

23. Legislative Day in Des Moines: Social Workers in Action
Rebecca Stubblefield, Elle Daley, Jenna Pozzi, Marcey McKittrick, Jacklyn Lake, Meghann Hinkle, Kathryn Koetz, Colleen Morrall, Mary McClure
Advisor/Mentor: Prof. Michelle Bechen

24. Public Perception of Latinos: How Does Immigration Law Shape Racism in the United States?
Jessica Donels
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

25. PTSD in Refugees: MS-13 in the U.S.
Carolina Rusinque Velasquez
Advisor/Mentor: Dr. Mark Kehren

26. Sexuality and Perceptions in Healthcare
Brett Robbins
Advisor/Mentor: Dr. Lisa Garoutte

27. The Prevalence of Diseases in the Hispanic Population in the United States and the Relationship to Lifestyle
Katie Libera
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

1:15 P.M. - 2:10 P.M.

SESSION III: ORAL PRESENTATIONS

Problems-Solutions
Moderator: Prof. Gene Steidinger
Location: Academic Resource Center, 202

Effects of the Overexpression of PSTPIP1, a PCH Family Protein, on Cell Migration in *Dictyostelium Discoideum*
Erin Brannick
Advisor/Mentor: Dr. Kate Cooper

The Calculus of Variations Applied to Path Minimization and Beam Deflection
Tim McGreal
Advisor/Mentor: Dr. Jonas Meyer

Investing in Paper Assets
Seabelo Nokuthula Montwedi
Advisor/Mentor: Prof. Mathew Keyes

Nature and the Environment
Moderator: Dr. Thomas Davis
Location: Wahlert Hall, Curriculum Library

"The Golden Days"
Hallie Hayes
Advisor/Mentor: Prof. William Jablonsky

Sustainability at Loras (Honors Project)
Emily Nelson, Jacalyn Russ, Margaret DeGrand, Morgan Rea, Veronica Andraski, Emmalyne Smith
Advisor/Mentor: Dr. Aditi Sinha

"Life on the Mississippi: A Cinematic Reflection"
Matt Resnick
Advisor/Mentor: Prof. Seth Myers

Race, Class, and Social Justice
Moderator: Dr. Hilarie Welsh
Location: Academic Resource Center, 102

Feminism and Freedom: How White Women from the North Educated Mississippi in 1964
Kelly Wedlake
Advisor/Mentor: Dr. Kristin Anderson-Bricker

England, the Ultimate Bunburyist: Victorian Identity and Imperialism in Oscar Wilde's "The Importance of Being Earnest"
Nora Zerante
Advisor/Mentor: Dr. Erin VanLaningham

Wal-Mart: Promoting a Livable Wage
Mitchell Burgmeier, Lynn DeVriese, Jordan Stecklein, Brock Wagner
Advisor/Mentor: Prof. Karen Sturm

Problem Analysis
Moderator: Prof. Karen Sturm
Location: Alumni Campus Center, Arizona Room

Openness to International Trade and its Effects on Real GDP Growth, Standard of Living, and Income Disparity
Thomas Carr
Advisor/Mentor: Dr. Biniv Maskay

Determining the Top Three Pitching Assets in Baseball
Katie Gonzales, Megan Tews, Shane Williams, Austin Overmann, Nick Klein
Advisor/Mentor: Dr. Matthew Garrett

Wal-Mart and Minimum Wage
Hung Dao, Ellie Kramer, Dan Pauley, Kellie Wagner
Advisor/Mentor: Prof. Karen Sturm

1:15 P.M. - 2:10 P.M.

SESSION III: JURIED ART EXHIBIT

The media for this exhibition includes painting, drawing, 3D design, mixed media, collage, digital painting, digital imaging, graphic design, and illustration.
Location: Alumni Campus Center, Ballroom A

Artists: Julia Arth, Sara Steuer, Anna Davit, Joseph Yonkoff, Megan McGovern, Erica Elsbernd, Keontae Neely, Mark Fuentebella, Daniela Rivera, Brieanna Pumilia, Isabella Irurita, Austin Lowry Luther, Leigha Felder, Margaret Douglas, Miriam McKee, Randi Westervelt, Elizabeth Romano, Lisa Kolf
Advisors/Mentors: Prof. Wendy Romero, Prof. Seth Myers, Mr. Kyle Calvert

The following artists will be available to discuss their work during Session III: Mark Fuentebella, Erica Elsbernd, Brieanna Pumilia, Leigha Felder, Randi Westervelt, Lisa Kolf

A Senior Exhibition
Artist: Sara Steuer
Location: Woodward Gallery (Visitation Building)
Exhibit open: 9:00 a.m. - 3:15 p.m.
Artist available: 2:15 p.m. - 3:15 p.m.
Advisors/Mentors: Prof. Wendy Romero, Prof. Seth Myers

2:20 P.M. - 3:15 P.M. | ALUMNI CAMPUS CENTER, MARIE GRABER BALLROOM

SESSION IV: POSTER SESSION

Sustainability and Science • Hispanic and Catholic Identities • Dubuque and Iowa Communities • Health and Technology

1. Sustainable Community
Morgan Dolan, Emma Bradford, Zachary Jacobs, Missy Wachuta
Advisor/Mentor: Dr. Christoffer Lammer-Heindel

2. Determination of Nitrate Concentrations in Rural and Suburban Areas
Kelsey Mohapp
Advisor/Mentor: Dr. Carl Binz

3. Determination of Lead Concentrations in Water Sources near Dubuque, IA
Shawna Standke
Advisor/Mentor: Dr. Carl Binz, Dr. David Oostendorp, Dr. Edward Maslowsky

4. "We Reap What We Sow": Seeds in the Upper Mississippi River Valley and Beyond
Nora Zerante
Advisor/Mentor: Dr. Kristin Anderson-Bricker

5. Building a Sustainable Loras Community (Honors Project)
Maggie Ruiz; Nino Erba; Neil Kane; JoJo Schmidt; Drake Graettinger; Missy Wachuta
Advisor/Mentor: Dr. Benjamin Darr

6. The Western Front of the Civil War (Honors Project)
Bailey O'Brien, Kaitlin Phillips, Jake Frank, Emily Mast, Andrew Wampler, William Sallen, Brianne Cook
Advisor/Mentor: Dr. David Salvaterra

7. Economic and Financial Analysis and Current Valuation of Meredith Corporation
Thomas Carr, Nicholas Czeshinski
Advisor/Mentor: Prof. Mathew Keyes

8. Grant Writing for the Community: Skills that will last a Lifetime
Robert Harmening, Anna Nash, Leah Colsch, Sarah Trump, Rebecca Stubblefield, Stephanie Herrara, Carolina Rusinque
Advisor/Mentor: Prof. Nancy Zachar Fett

9. A Structural Analysis of Ubiquitin Using HSQC NMR for Application in Undergraduate Biochemistry Laboratories
Chris Lewis
Advisor/Mentor: Dr. David Speckhard

10. Temperature Dependent Stability Study Concerning the PDZ Domain of TIAM 1 Wild Type Protein
Allison McClain
Advisor/Mentor: Dr. David Speckhard

11. VitaMOF: Synthesis of Metal Organic Frameworks Suitable for Drug Delivery using Vitamins
Rufei Shi
Advisor/Mentor: Dr. Edward Maslowsky

12. George Lopez, Ugly Betty, Gloria Pritchett and More: U.S. Media and Engaging Latino Audiences
Michelle Dutton
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

13. Archaeology in the Dubuque Area
Lacy Smith
Advisor/Mentor: Dr. Kristin Anderson-Bricker

14. Examining Racial Inequalities Faced by Latinos in the United States Health Care System
Erin Hutzell
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

15. The Lower Quality of Health in the Latino Population
Carolyn Kolf
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

16. Open Sesame
Marshall Jackson, Eric Cunningham
Advisor/Mentor: Dr. Kristen Thompson

17. Vertical Greenhouse
Jake Welu
Advisor/Mentor: Dr. Kristen Thompson

18. Health Disparities and Language/Cultural Barriers in the Healthcare Experiences of non-English-Speaking Citizens in the United States
Ellen Fuller
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

19. Latino Youth and Gangs
Nicole Salazar
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

20. The Dual Identities: Catholic and National Identity in Latin America
Geovanni Almanza Olague
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

21. Continent to Continent: A Comparison of Methods of Ministry to Hispanics between Latin America and Dubuque
Brooke Pasker
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

22. Los Otros: La creación y mantenimiento de identidad de Latinos non católicos
Cole Mariottini
Advisor/Mentor: Dr. Kate McCarthy-Gilmore

23. Vaccine Information Statement: A Translation
Jillian Koos
Advisor/Mentor: Dr. Kathleen Jeffries

24. Fire Suppression System
Sanjeeb Pandey, Mike Swets
Advisor/Mentor: Dr. Kristen Thompson

25. Trauma Informed Care in the Realm of Emergency Disaster Relief
Annie Church
Advisor/Mentor: Prof. Nancy Zachar Fett

26. Claw Machine
Zachery Lindstrom, Shelly Cox
Advisor/Mentor: Dr. Kristen Thompson

27. Bomb Disposal Robot
Bryan Hermann, Jesse Anderson
Advisor/Mentor: Dr. Kristen Thompson

2:20 P.M. - 3:15 P.M.

SESSION IV: ORAL PRESENTATIONS

Music & Society
Moderator: Dr. Kate McCarthy-Gilmore
Location: Alumni Campus Center, Arizona Room

Gender and Race in Music Videos from 1993, 2003, and 2013
Julian Valdes
Advisor/Mentor: Dr. Lisa Garoutte

Born in Cuba, Developed Abroad: The Transnational Evolution of "Guantanamera"
Lara Mangialardi
Advisor/Mentor: Dr. Mark Kehren

Musical Compositions
Elizabeth Turner, Jack Doyle, Mark Fuentabella, Joel Pohland
Advisor/Mentor: Dr. Glenn Pohland

Identity
Moderator: Dr. Susan Stone
Location: Alumni Campus Center, Mary Alexis Room

Hybridity: The Recognition of Revision
Molly Cain
Advisor/Mentor: Dr. Andrew Auge

Exploring the Intersections of Identity in Stand-Up Comedy
Catherine Brandt
Advisor/Mentor: Dr. Lisa Garoutte

"The Christmas Corpse"
McKenzie Frey
Advisor/Mentor: Prof. William Jablonsky

Social Interaction and Emotion
Moderator: Dr. Kristen Thompson
Location: Wahlert Hall, 101

The Effects of Social Isolation on Anxiety-like Behaviors and Hair Corticosterone Levels in Female Mice
Teresa Manion
Advisor/Mentor: Dr. Michael Jarcho

Sexual Partners and Happiness
Emily Roth
Advisor/Mentor: Dr. Lisa Garoutte

"Love Bugs"
Colin Halbmaier
Advisor/Mentor: Prof. William Jablonsky

Place and Space
Moderator: Dr. David Salvaterra
Location: Wahlert Hall, Curriculum Library

England and the Empire: Penetration of the International World into British Lives
Megan Horst
Advisor/Mentor: Dr. Erin VanLaningham

Monuments: Colonialism's Last Stand as seen in Lisbon and Southern France
Bridget Hall
Advisor/Mentor: Dr. Mark Kehren

"The Bluest Eyes in Colombia"
Samantha Reynolds
Advisor/Mentor: Prof. William Jablonsky

2:20 P.M. - 3:15 P.M.

SESSION IV: SENIOR ART EXHIBIT

A Senior Exhibition
Artist: Sara Steuer
Location: Woodward Gallery (Visitation Building)
Exhibit open: 9:00 a.m. - 3:15 p.m.
Artist available: 2:15 p.m. - 3:15 p.m.
Advisors/Mentors: Prof. Wendy Romero, Prof. Seth Myers

3:30 P.M. - 4:30 P.M. | ACADEMIC RESOURCE CENTER

FACULTY PRESENTATIONS I

Cultural Crossings: Health and Justice
Moderator: Dr. Valerie Bell
Location: Academic Resource Center, 402

Las Buenas hierbas: Latino Home Remedies
Dr. Kathleen Jeffries

Cloth and Robe: The Catholic Church and Public Policy in U.S. Courts
Dr. Christopher Budzisz

Living in Truth: 20th Century Czech Dissent from Kafka to Havel
Dr. Paul Kohl

Issues in Higher Education
Moderator: Dr. Krista Belanger
Location: Academic Resource Center, 202

The Continuing Significance of Institutional Racism: A Qualitative Analysis of Latino Student Experiences in Higher Education
Dr. Kathrin Parks

Financial Implications of Adding Division III Football
Dr. Anne Marx Scheuerell

How We Stack Up: The Value of the Loras College Library
Ms. Joyce Meldrem

Teaching and Learning
Moderator: Dr. Susan Crook
Location: Academic Resource Center, 102

Novice Teachers Need Support!
Dr. Hilarie Welsh

Davis Sabbatical: Relearn, Review, Relax
Dr. Thomas Davis

To Get or Not to Get Help: Students' Reasons for Visiting the Writing Center or Staying Away
Prof. Helena Hall

Human-Nature-Animal Connections
Moderator: Prof. Luke Lammer
Location: Headwaters-Academic Resource Center, 1st Floor

Prevent Sex or Manage the Risks? A Brief History of Sex Education in the United States and Implications for Sexual Decision-Making Today
Dr. Kristin Anderson-Bricker

"Reading the Earth"
Dr. Kevin Koch

Friendship: The Human/Canine Connection
Dr. Maggie Sullivan, Dr. Mary Carol Harris

4:40 P.M. - 5:40 P.M. | ACADEMIC RESOURCE CENTER

FACULTY PRESENTATIONS II

Innovative Teaching Methods
Moderator: Dr. Michael Jarcho
Location: Academic Resource Center, 202

1:1 in High School Social Studies: Pivotal Decisions with Technology
Dr. Scott Scheuerell

Community-Based Learning and Shakespeare: Sounds Great, But What Really Happens?
Dr. Jean Merrill

What Games Have to Teach Us about Learning
Dr. Jacob Heidenreich

Cultural Crossings: New and Old Worlds
Moderator: Dr. Richard Anderson
Location: Academic Resource Center, 102

Gendering Creole Identity in Arzán's Historia de la villa imperial Potosí
Dr. Kate McCarthy-Gilmore

College Admissions Policy and the Prelude to the Cultural Revolution in China
Dr. Lee Zhu

From Fr. Jack to Fr. Sean: How Irish Missionaries are Reshaping and Revitalizing Irish Catholicism
Dr. Andrew Auge

Human Conflict
Moderator: Dr. Jennifer Swanson
Location: Headwaters-Academic Resource Center, 1st Floor

Imitating Christ's Vulnerability: Two Visions of the Church in the (Post) Modern World
Dr. Amanda Osheim

Selections from *Sailing to Babylon*
Dr. James Pollock

Why Margaret Mead Was Right About War
Dr. David Cochran

Science (Fiction)
Moderator: Dr. Douglas Gambrall
Location: Center for Dubuque History- Academic Resource Center, 1st Floor

"Sparrows"
Prof. William Jablonsky

Structural basis of Tiam 1 PDZ Peptide Recognition
Dr. David Speckhard (and Ernesto J. Fuentes, Xu Liu, Tyson R. Shepherd, Ann M. Murray, University of Iowa)

Fusion STEM: Blending Science, Technology, Engineering, and Mathematics for Improved Digestion and Better Flavor
Dr. Robert Keller, Dr. Rebecca Monhardt

Faculty Poster Session
Location: Academic Resource Center, 3rd Floor Special Collections Area

First in Faith: Early Native American Catholic Leadership in the United States
Dr. Susan Stone

What's So Special about Special Collections?: Investigating the Past to Develop Perspectives for the Future
Ms. Heidi Pettitt

A Proposal for Assessing Sustainability Literacy
Dr. Benjamin Darr, Dr. Christoffer Lammer-Heindel

You Clicked, We Listened! Partnering With Students and Faculty to Design a User-friendly Library Web Site
Ms. Julie Arensdorf

Faculty Publication Display is available adjacent to the Special Collections Room, Academic Resource Center, 3rd Floor.

FILM FESTIVAL

Moderator: Dr. Paul Kohl

1. Alone
Ted Wittman, Jake Roth, Lauren DeWitt, Morgan Heim
Duration: 11:30
Drama. A man follows an elusive woman through the streets of Mobile, Alabama.

2. Pretty in Pink: Covered in Dirt
Makaila Haase, Juanita Bustamante Escobar
Duration: 13:11
Documentary. A profile of a teen female stock-car driver.

3. Sojourn
Matt Resnick, Tom Graziano
Duration: 4:30
Comedy. A businessman gets back to nature.

4. The Writer
Julie VanDynHoven, Lina Rodriguez
Duration: 12:00
Drama. A writer tries to get permission from an old friend to reveal secrets from their college days.

5. In Which I Wonder What Will Happen to Us
Kylie Clark
Duration: 3:49
Experimental. A story about loneliness and learning to be OK with it.

6. Howl of Hope
Allisan Ellwood, Frankie Mosca
Duration: 11:30
Documentary. A look at a husky rescue operation in La Motte, Iowa.

7. Werner
Kylie Clark, Matt Resnick
Duration: 11:12
Documentary. A portrait of one of Dubuque's more unique residents.

8. Tough Cookie
Mareah Adolphs, Lina Rodriguez
Duration: 10:25
Documentary. Profile of a cancer survivor.

9. If Only
Shea Wild, Connor Stickney, Mark Fuentabella, Paul Deeter, Marlon Torres
Duration:10:22
Comedy. A look at the problems of keeping up with the other guy.

ACKNOWLEDGEMENTS AND THANK YOU

Dear Loras College Community,

We would like to thank each of you—faculty, staff, students, and beyond—for your efforts to make this inaugural Legacy Symposium a success.

Dr. Cheryl Jacobsen has been a great supporter of the Legacy Symposium, as has President Jim Collins, the Board of Regents, and the entire administrative team. Your enthusiasm for this event highlights your commitment to quality education and meeting the academic needs of students. We are grateful for your guidance.

The Loras College staff and faculty have made this day a success. Planning and executing the day took a great deal of coordination and involvement from individuals, offices, and committees across campus too numerous to name. We thank you for the considerable time and work to make this idea a reality.

Of course, the daily efforts of faculty and staff who interact with students cannot be overstated. The time you spend talking with, encouraging, and challenging students has helped produce the scholarly and creative works we see today. Our students are better thinkers, better scholars, and better people because of your work. We appreciate all you do for our students and our College.

Students – we thank you for your hard work, determination, and dedication. The journey you took to create your work was likely filled with as much frustration and confusion as it was with progress and excitement, but you stuck with it. Your enthusiasm for your discipline and dedication to learning inspires us and motivates us.

Finally, we thank Msgr. Barta for his contributions to the College over the years and for his support of faculty and student scholarship. His example is humbling and inspiring.

Enjoy this day of celebrating the great ideas, talents and people in the Loras College community!

Sincerely,

Dr. Kate Cooper, Dr. Lisa Garoutte, Dr. Aditi Sinha and Dr. Erin VanLaningham
The Legacy Planning Committee

LORAS COLLEGE™

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Celebrate
Commemorate