A Celebration of CREATIVE INQUIRY

Friday, May 4, 2012 | 5-7 p.m. | Jackson Campus Center
From the College’s Mission Statement

The Gustavus curriculum is designed to bring students to mastery of a particular area of study within a general framework that is both interdisciplinary and international in perspective. The College . . . seeks to promote the open exchange of ideas and the independent pursuit of learning.

Welcome to the fifth annual Celebration of Creative Inquiry, a showcase of research, scholarship, and creative work by Gustavus Adolphus College students! We hope you enjoy learning about the creative inquiry our undergraduate students engage in every day at Gustavus Adolphus College, and we hope you will learn about some projects in disciplines other than your own. As you will see, these kinds of projects provoke the intellect and stimulate the learning process—the heart of a true liberal arts education.

Creative inquiry is an intentionally broad term that includes research, scholarship, and creative works. Creative inquiry may be initiated

… as part of a class assignment or project
… by the student or group of students, on- or off-campus.
… by the faculty member, as in student-faculty collaborative research projects.

And the definition of creative inquiry varies by discipline but includes

… asking a question that has not been asked before.
… a process that attempts to fill a gap in or create new knowledge, information, or art.
… a process or product that requires the student to add ideas or imagination of their own.
… a project that is shaped by choices that the student made independently.
… a component of critical reflection.

~ Tom Huber
Faculty Associate for Undergraduate Research,
John S. Kendall Center for Engaged Learning

This event is supported by the Provost’s Office, Office of Marketing and Communication, and the John S. Kendall Center for Engaged Learning.

Special thanks to the Celebration of Creative Inquiry committee and all the faculty and students who helped to make this event possible!

The John S. Kendall Center for Engaged Learning supports faculty in achieving their potential as teachers and scholars. Responsive to the professional needs and interests of each faculty member, the Kendall Center includes support for teaching initiatives and faculty research, scholarship, creativity, and provides on-campus opportunities for focused conversation on pedagogy, assessment of student learning, and collaboration among colleagues. Through its support of such opportunities, the Kendall Center fosters the pursuit of teaching and scholarly excellence throughout all stages of each faculty member’s career and for all Gustavus students. Undergraduate research is one of the primary areas supported by the Kendall Center that demonstrates faculty and student engagement in learning.
Participants

Kelsey Abele  
Faculty Sponsor: Cadi Kadlecek, Communication Studies  
*Three Crowns Room, Session A*  
“Understanding Occupy Wall Street”

Amanda Adams  
Faculty Sponsor: Julie Bartley, Geology  
*Three Crowns Room, Session B*  
“Mineralogy of Crystal and Matrix: Implications for Preservation of Dinosaur Bones”

Drew Ajer  
Faculty Sponsor: Lisa Heldke, Philosophy  
*Three Crowns Room, Session A*  
“Why We Have an Obligation to Contribute to Famine Relief”

Evan Anderson  
Faculty Sponsor: Anna Versluis, Geography  
*Three Crowns Room, Session B*  
“Loss of Downtown in Minnesota Cities”

Lauren Anderson  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
*Three Crowns Room, Session A*  
“Enlightenment as a Movement towards Global Peace”

Amy Audette and Kevin Clark  
Faculty Sponsor: Charles Niederriter, Physics  
*Three Crowns Room, Session B*  
“Skystream Turbine and Geothermal Environmental Summer Research 2011”

Amy Audette and Kevin Clark  
Faculty Sponsor: Charles Niederriter, Physics  
*Three Crowns Room, Session B*  
“Biofuels: Production and Quantification Methods for Undergraduate Laboratories”

Meredith Bache-Wiig, Hilary Bauer, Michelle Kirkvold, and Amy Tierney  
Faculty Sponsor: Brenda Kelly, Biochemistry and Molecular Biology  
*Three Crowns Room, Session A*  
“Characterization of Growth Patterns in Yeast (S. cerevisiae) Containing Fumarase Mutations”

Ben Batz  
Faculty Sponsor: Pamela Kittelson, Biology  
*Three Crowns Room, Session B*  
“Civic Engagement: The Practical Power of Partnership”

Hilary Bauer  
Faculty Sponsor: Sanjive Qazi, Biology  
*Three Crowns Room, Session B*  
“Will We Ever Eradicate Cancer from Our Lives?”

Daniel Bergevin-Smith, Samantha Falk, and Bradley Sermon  
Faculty Sponsor: Karl Larson, Health & Exercise Science  
*Three Crowns Room, Session B*  
“Chronic Sleep Disorders’ Effect on Health”

Ann Bergstrand, Carrie Johnson, and Kim Rostvold  
Faculty Sponsor: Brenda Kelly, Chemistry  
*Three Crowns Room, Session A*  
“Inhibition of γ-Glutamylcysteine Ligase (γ-GCL)”

Jordan Birkeland  
Faculty Sponsor: Anna Versluis, Geography  
*Three Crowns Room, Session B*  
“The Future of Water in Los Angeles, California”

Phoebe Breed  
Faculty Sponsor: Scán Easton, Peace Studies/Classics  
*Three Crowns Room, Session A*  
“Health Care Non-Governmental Organizations: An Examination in Petatlán, Mexico”

Phoebe Breed  
Faculty Sponsor: Lori Steffen, Nursing  
*Three Crowns Room, Session A*  
“Therapeutic Play and Creative Arts Therapy in Pediatric Oncology”

Kelli Buerman  
Faculty Sponsor: Kyle Momsen, Health & Exercise Science  
*Three Crowns Room, Session B*  
“The Effectiveness of Cryotherapy on the Treatment of Perceived Pain Due to Delayed Onset Muscle Soreness”

Krystal Bundy  
Faculty Sponsor: Scán Easton, Peace Studies/Classics  
*Three Crowns Room, Session B*  
“Hospitality in Virgil, Homer, and Apollonius”
Krystal Bundy
Faculty Sponsor: Lisa Heldke, Philosophy
Three Crowns Room, Session B
“Food Philosophy as an Alternative to Dualism and Relativism”

Dan Burnett
Faculty Sponsor: Lisa Heldke, Philosophy
Three Crowns Room, Session A
“Parasitic Relations and Ethics”

Sam Burnton
Faculty Sponsor: David Obermiller, Japanese Studies/History
Three Crowns Room, Session B
“History and Memorials: A Cross-Cultural Examination”

Sam Burnton
Faculty Sponsor: David Obermiller, Japanese Studies/History
Three Crowns Room, Session B
“Japanese Film and World War II: Post-bubble Nostalgia”

Matt Bye
Faculty Sponsor: Anna Versluis, Geography
Three Crowns Room, Session A
“Twin Cities Metro Sprawl: A Health Concern”

Chris Cannady
Faculty Sponsor: Lisa Heldke, Philosophy
Three Crowns Room, Session A
“Why I Wouldn’t Mind If You Ate Me”

Alex Carpenter
Faculty Sponsor: Bruce VanDuser, Health & Exercise Science
Three Crowns Room, Session B
“Comparison of High Interval Training and Traditional Training”

Alexandria Ceranske and Biao Tong
Faculty Sponsor: Thomas Gardner, Chemistry
Three Crowns Room, Session A
“Synthesis of Chiral ‘Propeller’ Trisphthalocyanine Complexes”

Bree Ceranske
Faculty Sponsor: Robert Kendrick, English
Three Crowns Room, Session B
“Goodbye, Little Girl”

Anthony Cesnik, Todd Sayler, Richard Fernandez, and Joseph Thrasher, University of Alabama/Clemson University
Faculty Sponsor: Brian O’Brien, Chemistry
Three Crowns Room, Session A
“Evaluation of Phosphinic and Phosphonic Fluorosurfactant Mixtures as Possible PFOA Replacements in PTFE Emulsion Polymerization”
The emulsification capabilities of the fluorosurfactant mixture MAFS-010, produced by Merck

Yiyi Chen
Faculty Sponsor: Beatriz Torres, Communication Studies
Three Crowns Room, Session A
“Exploration of Chinese Online LGBT Communities”

Matthew Claypool
Faculty Sponsor: Anna Versluis, Geography
Three Crowns Room, Session A
“Detroit’s Decay”

Mitch Cowger and Zach Vine
Faculty Sponsor: Karl Larson, Health & Exercise Science
Three Crowns Room, Session B
“Effects of Dietary Protein Intake on Renal Function”

Megan Crow
Faculty Sponsor: Seán Easton, Peace Studies/Classics
Heritage Room, Session B
“Sophie Scholl and the White Rose Movement: A Case for Comprehensively Relevant Nonviolent Resistance”

Megan Crow and Maja Johnson
Faculty Sponsor: Amanda Nienow, Chemistry
Heritage Room, Session B
“Photodegradation of the Herbicide Imazethapyr on Soybean and Corn Wax”

Ethan Degner
Faculty Sponsor: Joel Carlin, Biology
Three Crowns Room, Session A
“Hatch Plasticity in Sheepshead Minnow Embryos in Response to Predator Presence”
Annalise Dobbelstein  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
Heritage Room, Session A  
“An Invisible Man behind the Movement”

Rebecca Douden  
Faculty Sponsor: David Obermiller, Japanese Studies/History  
Heritage Room, Session A  
“Hollywood’s Differing Portrayals of Japan and Germany in the World War II Era”

Rebecca Eastwood  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
Heritage Room, Session B  
“Just Dreaming? The Economics of MLK’s Vision”

S. Ellen Eberhart  
Faculty Sponsor: David Obermiller, Japanese Studies/History  
Heritage Room, Session A  
“The Resurgence of Shinto in Japanese Popular Culture and Its Effects on the West”

Katherine Eiden and Amelia Schmidt  
Faculty Sponsor: Kent Kalm, Health & Exercise Science  
Heritage Room, Session B  
“The Effects of Barefoot Strength Training on Prevention of Athletic Injury and Performance for Long Distance Runners”

Emery Ellingson  
Faculty Sponsor: Anna Versluis, Geography  
Heritage Room, Session B  
“Corn Ethanol and CRP Enrollment in Minnesota”

Robert Elwell, Eydie Krame, and Grant Steiner  
Faculty Sponsor: Karl Larson, Health & Exercise Science  
Heritage Room, Session A  
“Fad Diets in America: Getting the Skinny on Good Nutrition”

Kiki Engen  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
Heritage Room, Session A  
“The Vietnam War: Positive and Negative Peace”

James Freetty  
Faculty Sponsor: Lisa Heldke, Philosophy  
Heritage Room, Session B  
“What’s Your Pleasure? A Reconstruction of Hedonism”

Ellie Frischmann  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
Heritage Room, Session A  
“Class in a ‘Classless’ Society”

Brandon Furey  
Faculty Sponsor: Jessica Petricka, Physics  
Heritage Room, Session B  
“Development of a Time-of-Flight Mass Spectrometer Using Radial Extraction from a Linear Quadrupole Ion Trap”

Brandon Furey, Shawn Carlisle Kefauver, and Dr. Susan Ustin  
Faculty Sponsor: Thomas LoFaro, Mathematics  
Heritage Room, Session B  
“Modeling Actual Evapotranspiration Using Airborne Remote Sensing”

Ava Goepfert  
Faculty Sponsor: Pamela Connors, Communication Studies  
Heritage Room, Session A  
“Freedom?: The Scottish National Party’s Modern Quest for Independence”

Sarah Graver  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
Heritage Room, Session B  
“Magic and Witchcraft in Apuleius’s Metamorphoses”

Greta Gray  
Faculty Sponsor: Seán Easton, Classics/Peace Studies  
Heritage Room, Session A  

Renee Guittar  
Faculty Sponsor: Michele Rusinko, Theatre & Dance  
Heritage Room, Session B  
“Assassins – Senior Honors Project in Choreography”

Jennifer Hanson  
Faculty Sponsor: Julie Bartley, Geology  
Heritage Room, Session A  
“Multi-Elemental Fingerprinting of Modern and Ancient Carbonates”
Rachel Haugo  
Faculty Sponsor: Sanjeev Qazi, Biology  
*Heritage Room, Session B*  
“Deep Breathing Exercises and Pain Management in Oncology Patients”

Antonio Herbert  
Faculty Sponsor: Lisa Heldke, Philosophy  
*Board Room, Session A*  
“The Taste of Memory: Eating as a Total Sensory Experience”

Nara Higano  
Faculty Sponsor: Charles Niederriter, Physics  
*Heritage Room, Session A*  
“Testing the Expanding Plasmon Model in the Galactic Center’s Black Hole”

Bonnie Hilmoe  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
*Heritage Room, Session B*  
“Globalization and World Peace”

Michael Howe  
Faculty Sponsor: Thomas Gardner, Chemistry  
*Heritage Room, Session B*  
“Approaches to the Synthesis of a Novel Bifacial Ligand, 1,6,7,12-Tetraazaperylene”

Amanda Iverson  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
*Heritage Room, Session A*  
“The Influence of Gandhi’s Methods”

Michael Janasz  
Faculty Sponsor: Anna Versluis, Geography  
*Heritage Room, Session A*  
“Trans-boundary Water Sources of the United States and Mexico”

Elizabeth Johnson  
Faculty Sponsor: Leila Brammer, Communication Studies  
*Heritage Room, Session B*  
“Social Media: A Catalyst for Transformation in the World of Charitable Giving”

Maja Johnson and Megan Crow  
Faculty Sponsor: Amanda Nienow, Chemistry  
*Heritage Room, Session B*  
“Abiotic Degradation of Imazamethabenz-methyl”

Thomas Johnson  
Faculty Sponsor: Lisa Heldke, Philosophy  
*Heritage Room, Session A*  
“Labor, Work, and Action: The Value of Food and Food-Making through Hannah Arendt”

Andrew Karl, Mike Holmberg, Jeremy Helle, and Ryan Nett  
Faculty Sponsor: Brenda Kelly, Biochemistry and Molecular Biology  
*Heritage Room, Session B*  
“Biochemical Characterization of Mutants of Yeast Fumarate Hydratase”

Lauren Kauffman, Ashley Michalko, and students of COM 265 Video Representation  
Faculty Sponsor: Martin Lang, Communication Studies  
*Heritage Room, Session A*  
“Way of Life”

Molly King, Jordan Rudenick, and Cody Martin  
Faculty Sponsor: Karl Larson, Health & Exercise Science  
*Heritage Room, Session B*  
“The Effect of Non-Immunized Children on American Health”

Carolyn Korsmeyer, Raymond Boisvert, Heston Blumenthal, and Barb Stuckey  
Faculty Sponsor: Lisa Heldke, Philosophy  
*Heritage Room, Session A*  
“Do You Hear What I Taste: A Philosophical Discourse on Connection between Food and Sound”

Jordan Kraemer  
Faculty Sponsor: David Obermiller, Japanese Studies/History  
*St. Peter Room, Session B*  
“American Masculinity Blindness: Vietnam’s Women Warriors and Their Decisive Role in Defeating the American Invasion”
David Krebs  
Faculty Sponsor: Lisa Heldke, Philosophy  
*St. Peter Room, Session A*  
“The True Value of Fast Food”

Annabel Landaverde  
Faculty Sponsor: Richard Leitch, Political Science  
*St. Peter Room, Session B*  
“¡Ya Basta! The Politics of Femicide”

Maddie Lang  
Faculty Sponsor: Scán Easton, Peace Studies/Classics  
*St. Peter Room, Session A*  
“Irish Travellers and the Media: Image, Oppression, and Resistance”

Maren Legeros and Bethany Davidson  
Faculty Sponsor: Larissa McConnell, Theatre & Dance  
*St. Peter Room, Session B*  
“Assassins – Hair and Makeup Design”

Elizabeth Logas  
Faculty Sponsor: Scán Easton, Peace Studies/Classics  
*St. Peter Room, Session A*  
“Climate Change and Economic Inequality”

Taylor Logeais  
Faculty Sponsor: Scán Easton, Peace Studies/Classics  
*St. Peter Room, Session B*  
“Positive Peace Work and the Arab Spring: A Sustainable Solution to Violence”

Jacob Loose  
Faculty Sponsor: David Obermiller, Japanese Studies/History  
*St. Peter Room, Session A*  
“Okinawa: Identity & Conflict”

Blong Lor  
Faculty Sponsor: Priscilla Briggs, Art & Art History  
*St. Peter Room, Session A*  
“Hmong Cultural Markets: a Reflection of Hmong in America Today”

Karin Lund  
Faculty Sponsor: Alisa Rosenthal, Political Science  
*St. Peter Room, Session B*  
“Marriage as Expressive Conduct: A Free Speech Argument for Expansive Civil Marriage Rights”

Mallory Maki  
Faculty Sponsor: Scán Easton, Peace Studies/Classics  
*St. Peter Room, Session B*  
“Born This Way Foundation: Empowering Youth for a Change in Violent Culture”

Hallie Martin  
Faculty Sponsor: Lisa Heldke, Philosophy  
*St. Peter Room, Session A*  
“Food Feminism”

Chris Masad  
Faculty Sponsor: Scán Easton, Peace Studies/Classics  
*St. Peter Room, Session B*  
“Hannibal the Hero”

Anna McDevitt  
Faculty Sponsor: Scán Easton, Peace Studies/Classics  
*St. Peter Room, Session A*  
“Non-Combative Alternatives for the United States Military”

Audrey Messelt and Mariceus Jarvis  
Faculty Sponsor: Karla Marz, Biology  
*St. Peter Room, Session B*  
“Mapping the Period (PER) Binding Surface of the Circadian Clock Protein Crytochrome (CRY)”

Robert Miner  
Faculty Sponsor: Lisa Heldke, Philosophy  
*Faculty/Staff Lounge, Session A*  
“Perceptions of Alcohol – An Ethical Look at Consumption”

Melody Monyok  
Faculty Sponsor: Scán Easton, Peace Studies/Classics  
*Faculty/Staff Lounge, Session B*  
“The Sub-conscious Perception within Medea’s Evolution”

Anna Morton  
Faculty Sponsor: Martin Lang, Communication Studies  
*Faculty/Staff Lounge, Session A*  

Carrie Moua and Pa Ying Moua  
Faculty Sponsor: Bruce VanDuser, Health & Exercise Science  
*Faculty/Staff Lounge, Session B*  
“The Effects of Hydration on Caloric Intake in Female Collegiate Non-athletes”
Alex Naujokas  
Faculty Sponsor: Anna Versluis, Geography  
*Faculty/Staff Lounge, Session A*  
“The Environmental Implications Caused by Human Activity in Fresh Water Lakes”

Jacob Niewinski  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
*Faculty/Staff Lounge, Session B*  
“Battle over Borders: The Palestine-Israel Conflict”

Jean-Paul Noel and Anthony Mefford  
Faculty Sponsor: Lauren Hecht, Psychology  
*Faculty/Staff Lounge, Session A*  
“Awareness of Attentional System and Spatial Judgments”

Sophia Ogren-Dehn  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
*Faculty/Staff Lounge, Session B*  
“Sexual Violence, the Law, and You”

Rachel Oien, Carolyn Branecky, Natalia Chavez; Jacob Ruiz, Department of Geologic Sciences, El Paso Community College; Dr. J. Elmo Rawling III, Department of Geography and Geology, University of Wisconsin: Platteville; Dr. Paul Hansen, School of Natural Sciences, University of Nebraska, Lincoln; and Dr. Dave Hart, Wisconsin Geological and Natural History Survey.  
Faculty Sponsor: Laura Triplett, Geology  
*Faculty/Staff Lounge, Session A*  
“Geomorphology, OSL Ages and Volume Estimates of a Nipissing Beach Ridge/Dune Complex near Kangaroo Lake, Door Peninsula, WI”

Andrew Peterson  
Faculty Sponsor: Anna Versluis, Geography  
*Faculty/Staff Lounge, Session B*  
“Joint Custody: Private and Public Water Allocation Implications”

Kelly Peterson  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
*Faculty/Staff Lounge, Session A*  
“Peaceful Intentions? Pope Pius XII and the Holocaust”

Laura Purdham  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
*Board Room, Session B*  
“Bullying in America”

Melissa Regan  
Faculty Sponsor: David Obermiller, Japanese Studies  
*Heritage Room, Session A*  
“A Country Built on Its Undead: Monsters, Demons, and Japanese Culture”

Janelle Reiswig  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
*Board Room, Session B*  
“Beauty and the Beast: Power Struggles between Chaos and Order in Ancient Quest Narrative and Novel”

Christine Roering  
Faculty Sponsor: Bruce VanDuser, Health & Exercise Science  
*Board Room, Session A*  
“The Effects of Petrissage Massage, Effleurage Massage, and Static Stretching on Ankle Joint Range of Motion”

Rachel Rongstad and Landon Shroyer  
Faculty Sponsor: Bruce VanDuser, Health & Exercise Science  
*Board Room, Session A*  
“The Truth on Textbooks”

Amber Sanoski  
Faculty Sponsor: Seán Easton, Peace Studies/Classics  
*Board Room, Session B*  
“Effects of Power Training on Vertical Jump and Sprint Performance in Female Collegiate Softball Players”

John Schmidt, Amanda Hawkinson, and James Trevathan  
Faculty Sponsor: Tom Huber, Physics  
*Board Room, Session B*  
“Noncontact Excitation of Vibration Using Ultrasound Radiation Force”
Emily Schultz
Faculty Sponsor: Seán Easton, Peace Studies/Classics
Board Room, Session A
“Women’s Involvement in the U.S. Civil Rights Movement”

Tara Selly, Todd Kremmin, and Jake Bruihler
Faculty Sponsor: Julie Bartley, Geology
Board Room, Session A
“Nicollet County Geologic History Exhibit”

Jessica Skaare
Faculty Sponsor: Seán Easton, Peace Studies/Classics
Board Room, Session B
“Dorothy Day’s Affiliation with Peace Work and Catholicism”

Megan Spear
Faculty Sponsor: Seán Easton, Peace Studies/Classics
Board Room, Session B
“Genocide in Rwanda and the Role of the United Nations”

Michael Sterling
Faculty Sponsor: Scott Bur, Chemistry
Board Room, Session A
“Toward Developing Intramolecular Diels-Alder Reaction Involving 2-trialkylsiloxyfurans”

Alina Stevenson
Faculty Sponsor: David Obermiller, Japanese Studies/History
Board Room, Session A
“Confucianism in the Cultural Revolution in China 1966–1976”

Alexandra Stocco
Faculty Sponsor: Seán Easton, Peace Studies/Classics
Board Room, Session B
“Comedy from Tragedy”

Kimberley Sukhum
Faculty Sponsor: Joel Carlin, Biology
Board Room, Session B
“Morphological and Molecular Genus Placement of the Gulf of Mexico Snakefish (Trachinocephalus myops)”

Anja Swenson, Vickie Ektniphong, and Alex Chubick
Faculty Sponsor: Brenda Kelly, Chemistry
Board Room, Session A
“Characterization of Monomeric and Dimeric γ-Glutamylcysteine Ligase”

Lance Switzer
Faculty Sponsor: Lisa Heldke, Philosophy
Board Room, Session A
“Abandon Ship: Engaged Buddhism’s Solution to an Inflexible Metaphor”

Alex Tate
Faculty Sponsor: Bruce VanDuser, Health & Exercise Science
Board Room, Session B
“Comparison between the Traditional Arm Swing and Compact Arm Swing Techniques during 5K Run Performance”

Tong Thao
Faculty Sponsor: Anna Versluis, Geography
Board Room, Session B
“Cross Media Convergence in Role Playing Videogames: East vs. West”

Gwynneth Thompson
Faculty Sponsor: Seán Easton, Peace Studies/Classics
Board Room, Session A
“Derry/Londonderry’s City of Culture 2013 – Reaching the Further Shore”

Courtney Train
Faculty Sponsor: Cadi Kadlecek, Communication Studies
Board Room, Session B
“The Bag Lady Inside”

Kenwon Tran
Faculty Sponsor: Seán Easton, Peace Studies/Classics
Board Room, Session A
“Persuasion and Belief in Cicero’s Nature of the Gods”

Tuan Tran
Faculty Sponsor: Dwight Stoll, Chemistry
Rundquist Room, Session B
“Application of the Hydrophobic Subtraction Model of Reversed-Phase Retention in HPLC to Finding Deficiencies in Existing Column Chemistry”

Wade Underwood, Lesley Darling, Ruby Mojarro, James Piper, and Emily Tracy
Faculty Sponsor: Paul Saulnier, Physics
Rundquist Room, Session A
“Little Drop of Poison: An Study in Film Noir”
Megan Van Dusartz
Faculty Sponsor: Seán Easton, Peace Studies/Classics
Rundquist Room, Session B
“Peace through Sports”

Bushra Wahid
Faculty Sponsor: Lisa Heldke, Philosophy
Rundquist Room, Session A
“Prohibitions of Food in Islam”

David Walden
Faculty Sponsor: Lisa Heldke, Philosophy
Rundquist Room, Session B
“To Feed a Slave”

Grant Walters
Faculty Sponsor: Joel Carlin, Biology
Rundquist Room, Session A
“Determining Dispersal Patterns of Benthopelagic Fishes by Comparing Genetic Code and Calculating FST”

Kelsey Wiebusch and Matt Wagle
Faculty Sponsor: Karl Larson, Health & Exercise Science
Rundquist Room, Session B
“The Long-Term Effects of Marijuana”

Gregory Wiessner and Emma Motl
Faculty Sponsor: Thomas Gardner, Chemistry
Board Room, Session A
“Preparation of Covalent and Coordination Polymers Containing Phthalocyanine Units”

Megan Wika
Faculty Sponsor: Anna Versluis, Geography
Rundquist Room, Session B
“John Bellamy Foster and Amory Lovins’ Theories: A Critique of Capitalism”

Melissa Wygant
Faculty Sponsor: Anna Versluis, Geography
Rundquist Room, Session B
“Tsunami Hazard Mitigation and the Role of Social Media”
Session Locations and Times

Session A: 5–6 p.m.
Session B: 6–7 p.m.
# Honors Weekend Events

## FRIDAY, MAY 4

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30–5 p.m.</td>
<td>Sigma Xi Research Symposium</td>
<td>Nobel Hall of Science, 201 and 222</td>
</tr>
<tr>
<td>5–7 p.m.</td>
<td>Celebration of Creative Inquiry 2012</td>
<td>C. Charles Jackson Campus Center</td>
</tr>
<tr>
<td>8 p.m.</td>
<td>Theatre: <em>Origin Story</em>, by Dan LeFranc (Ticket required; gustavustickets.com)</td>
<td>Evan &amp; Evelyn Anderson Theatre</td>
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## SATURDAY, MAY 5

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>9:30 a.m.</td>
<td>Coffee Reception Hosted by Faculty Senate</td>
<td>John's Courtyard (weather permitting) and Courtyard Café, Jackson Campus Center</td>
</tr>
<tr>
<td>10 a.m.–6 p.m.</td>
<td>“Books in Bloom” Exhibition Hosted by Gustavus Library Associates Guided tours 10 a.m.–6 p.m.</td>
<td>Folke Bernadotte Memorial Library</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Honors Convocation</td>
<td>Christ Chapel</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Honors Day Luncheon Buffet (Ticket required; gustavustickets.com)</td>
<td>C. Charles Jackson Campus Center</td>
</tr>
<tr>
<td>Noon</td>
<td>Dance: <em>Our Place, In Place</em>, I Sesquicentennial Site-Specific Dance Project</td>
<td>C. Charles Jackson Campus Center</td>
</tr>
<tr>
<td>Noon–6 p.m.</td>
<td>Art Exhibition: Senior Exhibition 2012: Unveiled</td>
<td>Hillstrom Museum of Art, Jackson Campus Center</td>
</tr>
<tr>
<td>12:15 p.m.</td>
<td>Communication Studies Honors Reception</td>
<td>Torrey Atrium, Beck Academic Hall</td>
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<tr>
<td>1:30 p.m.</td>
<td>Music: Senior Honors Recital 2012</td>
<td>Jussi Björling Recital Hall</td>
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<tr>
<td>1:30 p.m.</td>
<td>Political Science Research Symposium</td>
<td>Old Main, Second Floor</td>
</tr>
<tr>
<td>2 p.m.</td>
<td>Festival of Dionysus Hosted by the Department of Classics</td>
<td>Linnaeus Arboretum</td>
</tr>
<tr>
<td>4 p.m.</td>
<td>Music: Choir of Christ Chapel Home Concert</td>
<td>Christ Chapel</td>
</tr>
<tr>
<td>6 p.m.</td>
<td>Dance: <em>Our Place, In Place</em>, II</td>
<td>Eckman Mall</td>
</tr>
<tr>
<td>8 p.m.</td>
<td>Theatre: <em>Origin Story</em>, by Dan LeFranc (Ticket required; gustavustickets.com)</td>
<td>Anderson Theatre</td>
</tr>
<tr>
<td>9 p.m.</td>
<td>Dance: <em>Our Place, In Place</em>, III</td>
<td>Torrey Atrium, Beck Academic Hall</td>
</tr>
<tr>
<td>10 p.m.</td>
<td>Dance: <em>Our Place, In Place</em>, IV</td>
<td>Christ Chapel</td>
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</tbody>
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## SUNDAY, MAY 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>10:30 a.m.</td>
<td>Service of Holy Communion: Fifth Sunday after Easter</td>
<td>Christ Chapel</td>
</tr>
<tr>
<td>11 a.m.–5 p.m.</td>
<td>“Books in Bloom” Exhibition Hosted by Gustavus Library Associates Guided tours 11 a.m.–5 p.m.</td>
<td>Folke Bernadotte Memorial Library</td>
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<tr>
<td>1:30 p.m.</td>
<td>Music: Gustavus Philharmonic Orchestra &amp; Vasa Wind Orchestra</td>
<td>Jussi Björling Recital Hall</td>
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<tr>
<td>2 p.m.</td>
<td>Theatre: <em>Origin Story</em>, by Dan LeFranc (Ticket required; gustavustickets.com)</td>
<td>Evan &amp; Evelyn Anderson Theatre</td>
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</tbody>
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