

The Fifth Annual

Festival of
Scholars and
Artists

Lewis and Clark College
April 20, 2018

A note from the Festival Coordinating Committee: This schedule is subject to last-minute cancellations of events, changes of titles, and changes of venues. Please visit us at:

`college.lclark.edu/festivalofscholars`

for up-to-date information.

ORIENTATION

Information Table

JR Howard Hall / Symbolic and Quantitative Reasoning Center

Information for presenters and moderators

All presenters and moderators need to check in at the information table between 9:00 a.m. and 11:30 a.m.

Presenters should plan to arrive to their session about 15 minutes prior to the session start time and to stay for the entire duration of the session.

Coffee service:

9:30 a.m. - 11:30 a.m., Stamm and Howard 100-level Lobby

1:30 p.m. - 4:30 p.m., Miller 100-level Lobby and Howard 100-level Lobby

MORNING SESSION

9:30 a.m. - 11:30 a.m.

Panels

Listings below reflect the expected order of presentation.

Inequality

9:30 a.m. – 11:30 a.m. in Howard 102

- Angelica True, *Persistent Trends in Income Inequality: Milanovic et. al.'s Model of Pre-Industrial Inequality Applied to U.S. Counties*
- Emily Hayes-Rich, *The Life and Death of the Moroccan Khettara: The Relationship between the State and Rural, Desert Communities*
- Zane Dundon, *Litigating Sovereignty: Evaluating Determinants of Investor-State Dispute Settlement Outcomes*
- Kori Groenveld, *Renewable Energy in Peripheral Nations: Rhetoric v. Reality*

Immigration and Refugees

9:30 a.m. – 11:30 a.m. in Howard 116

- Nicolas Read, *Rostock-Lichtenhagen 26 Years Later*

- Lauren Krumholz, *National Identity and the Post-war Migration of Japanese Peruvian Enemy Aliens, 1946-1955*
- Nani Welch-Keliioomalū, *Mea 'ai Pono 'ole (Unrighteous Food): The Commodification of Hawaiian Cuisine*
- Clelia Davis Del Piccolo, *Between Juvie and Home: Detention-Limited Care Work in the Unaccompanied Alien Children Program*

Performance and the Self

9:30 a.m. – 11:30 a.m. in Howard 132

- Claire Lyman, *Performing Gender: Maintenance and Destruction as Acts of Subversion*
- Max Schardein, *Becoming Through Form in Woolf's Characterization of Lily Briscoe*
- Avery Laliberte, "Do I have resting bitch face?" *The Influence of Gender and Facial Expression on Likability*
- Peter Kranitz, *Existentialist Echoes in Virginia Woolf*

Sex, Drugs, and Rock and Roll

9:30 a.m. – 11:30 a.m. in Howard 202

- Madison Anderson, *Politics and Pederasty in Ancient Athens*

- Audre May, *Cancer Immunology: Tumor exiting T cells*
- Sam Bussan, "A Ganja-Smoker is Never a Moral Being": *Cannabis, Sex, and Medicine in Colonial Bengal, 1890-95*
- Rachael Penchoen-Lind, *Tumor Evolution and Germline Pressures for Non-Random Chromosome Loss in Clear Cell Renal Cell Carcinoma*

Religion

9:30 a.m. – 11:30 a.m. in Howard 254

- Hannah Exler, *Religion, Antisemitism, and Memory: How Poles Performed Catholicism in the Mid-20th Century*
- Aaron Schimmel, *War of the Jewish Languages: Hebrew and Yiddish in the Russian Empire and Soviet Union*
- Sema Hasan, *The Rise of Religious Nationalism: Buddhism, Violence and Political Paranoia in Myanmar*
- Brad Davis, *Ibn Rushd, Plato, and an Islamic Republic*

Violence and Resistance

9:30 a.m. – 11:30 a.m. in Howard 260

- Seren Villwock, *Investigating the Potential for the Landscape Weed Cardamine hirsuta to Evolve Polygenic Herbicide Resistance*
- Eva Gellman, *The Unknown World: Examining Attempts to Claim the Past as Our Own in Edward P. Jones's The Known World*
- Kaija Xiao, *Imperialist Defiant Policy Futures in Semi-Periphery States*
- Megan Glavin, *The Art of War and the War of Art: Moving Beyond an Imagistic Reality*

Special Events

Senior Artist Talks, Part 1

10:00 a.m. - 11:15 a.m. in the Hoffman Gallery

- Samantha MacFarlane, *Body as Vessel: The Physicality of Clay*
- Victoria Sundell, *Your Heart is a Slow Train Coming*
- Abi Joyce-Shaw, *Dwelling*
- Soolim Lee, *Existence and Routine*
- Zachary Kavanagh, *all the bright precious things*

Music Department Thesis Presentations

9:30 a.m. - 11:30 a.m. in Miller 105

- Max Nikol, *Annotated Music: The Role of Descriptions in Musical Experience*
- Zachary Schonrock, "A Phenomenon as Remarkable as the Music Itself:" *Writing About Benjamin Britten's War Requiem Through Time and Place*
- Edwin Shahravan, *Music of the Slavic Diaspora*
- Kevin Fox, *Hybridism: Acoustic Music in an Electronic Space*

E & D Presentation

Playing with History: Enacting Greenwich Village, 1913

10:00 a.m. - 11:30 a.m. in Howard 122

Cat Cinguina, Marian Hampe, Julianna Volta, Alex Barr

Radical women's suffragists are trying to persuade villagers to go to Washington the day before Woodrow Wilson is inaugurated to protest his failure to support women's suffrage. Meanwhile, members of the radical union the IWW want the villagers to stay in New York to put on a pageant in support of silk workers who are out on strike in Paterson, New Jersey. (Both these events did in fact take place in 1913.) The two sides are competing to win the most support for their side from bohemian villagers, who end up voting to determine the winner of the game.

Environmental Studies Poster Session

9:30 a.m. - 11:30 a.m., in Stamm

Presenters should arrive at 9:15 a.m. to set up their posters and plan to stay until 11:45 a.m.

- Maya Bon, *Rewilding in Yellowstone National Park*
- Jay Horita-Chu, *Death & Rebirth of the Elliott State Forest: The Face of Public Lands in Oregon, the U.S., and the World*
- Charlotte Copp, *Stories Through the Bird's Eye: Engaging with Remote Sensing*
- Charlotte Copp, *Warming, Vegetation, & Remote Sensing: The Use of NDVI to Track the Influence of Climate Change on Arctic and Alpine Plant Communities*
- Blake Slattengren, *Digitizing Agriculture: Sustainable Development Discourse in Big Data Agriculture*
- Kori Groenveld, *Renewable Energy in Peripheral Nations: Rhetoric vs. Reality*
- Aphelion Crampton, *Political Ecology of Milk*
- Emma Hay, *Assessing Value: Examination of Agricultural Programs in K-12 Schools*
- Gabriella Francolla, *Fish Fights: Values of Nature in Columbia River Salmon Conservation*

- Kyle Mezrahi, *Rural-Urban Environmental Tension and Discourse*
- Rylie Neely, *Attitudes Towards Ocean Spaces Between Urban and Coastal Oregonians*
- Isabelle Russenberger, *Student Opinions of the Oregon Outdoor Recreation Initiative*
- Katie Kelly, *Climate Justice Narratives in International Climate Negotiations*
- Roan Shea, *Performing Truth: The Navigation of Climate Change Reality in the United States*
- Mamelang Memela, *Exploring Difference Through the Prioritisation of Environmental Issues in the Global North and Global South*
- Tasha Addington-Ferris, *Fukushima Daiichi: Japan's Resilience to Nuclear Plant Meltdown*
- Madeline Frawley, *Spatial Injustices in Resource Extraction: A Case Study of Mining in Ecuador and Canada*
- Karli Uwayne, *Aesthetic Value on Animals*
- Sofia Linden, Sabrina Cerquera, Evan Howell, Rachel Aragaki, *Risky Business: Risk-Based Values in Media Narratives of Diablo Canyon Power Plant*

- Nico Farrell, Jon Hosch, Isabelle Russenberger, Shawn Bolker, *Wildfire Risk Assessment in the Columbia River Gorge*
- Chrislyn DeMattos, Henry Chapman, Grace Boyd, *A Demand for Cooperation: Federal Water Law and Indigenous Groups in the Columbia River Basin*
- Rylie Neely, Marissa Weileder, *Influential Factors on Great White Shark Migration in the Northern Pacific*
- Evan Howell, *Perceptions of Chemical Pollution in the Willamette River*
- Amelia Easley, Rob Nakihei, *Ocean Acidification and its Impact on Marine Organisms*
- Tarun Bishop, *Animal Welfare Concerns in the Agricultural Industry*
- Nicholas Sievers, *Meeting Energy Demands in East Asia*
- Madeline Kay, *Veganism, Privilege, and Inspiring Ethical Citizenship*
- Sophie Henry, *Finding Common Ground*

LUNCH AND MIDDAY ACTIVITIES

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

A capella performances

12:30-1:15, Evans Auditorium

- Kith & Kin
- The Merryweathers

AFTERNOON SESSION I

1:30 p.m. - 3:00 p.m.

Panels

Listings below reflect the expected order of presentation.

Experience in Color

1:30 p.m. - 3:00 p.m. in Howard 102

- Zoey Kambour, *Wassily Kandinsky and Synesthesia: Painting with the Intangible Paintbrush*
- Zoe Cook, *All the colors of the Brainbow: Expressing Infrared Fluorescent Proteins in Zebrafish*
- Shelby Ziccardi, *The Technology Behind Just Dance and the XBOX Kinect: Optical Motion Capture*

Ancestors

1:30 p.m. – 3:00 p.m. in Howard 116

- Win Salyards, *Texas Confederate Memorials and the Entrenchment of Social Hierarchies: White Space, Texan Masculinity, Southern Pantheon, and the Celebration of Violent Morality*
- Ella Santana-Propper, *Evolution and Functional Relevance of Venom Toxins from Sicariid Spiders*
- Jay Horita-Chu, *The Death & Rebirth of Oregon's Elliott State Forest: The Face of Public Lands in Oregon, the U.S., and the World*

Wealth and Exploitation

1:30 p.m. – 3:00 p.m. in Howard 132

- Hector Brandt, *A Caribbean Cocktail: Rum and the Haitian Revolution*
- Chhaileang Sun, *The Gradient of Political Stability and Foreign Direct Investment: Evidence from Asia*
- Kate Smock, *"If you change everything, it's not going to be Cuenca": Transnational Gentrification and Lifestyle Migrants in Cuenca, Ecuador*

Education

1:30 p.m. – 3:00 p.m. in Howard 254

- Samuel Makikalli, *Why Write a Thesis? Comparing the Effects of Education Type on Skill-Based Wage Premiums*
- Cecilia Bueno, *Learning and Memory in Plants: Habituation of *Mimosa pudica* Folding Response to Repeated Drop Stimulus*
- Maddy Saboe, *Are Smartphones Destroying Children? A Critical Evaluation of a Literary Technopanic*

Problems in Representation

1:30 p.m. – 3:00 p.m. in Howard 260

- Adriana Rogers, *Visible Light Localization and Communication*
- Dewey, *Reconciling Traditional Frameworks of Justice: Why the Government's Failure to Promote Human Capabilities is a Violation of Human Rights*
- Nicole Demchishin, *The Public Opinion Poll is Mightier than the Sword: How Public Opinion Gives Polarizing Senators the Power to Influence Public Policy*

Truth?

1:30 p.m. – 3:00 p.m. in Howard 122

- Alec Ballweg, *"Everything became quite unreal:" Truth and Fragmentation in Woolf's Essays*
- Max Schardein, *Heraclitus and the Genealogy of Nietzschean Flux*
- Rafael Swit, *Representing the Public Will in the Age of Misinformation*

Poster Presentations

1:30 p.m. - 3:00 p.m. in Stamm

Presenters should arrive at 1:15 p.m. to set up their posters and plan to stay until 3:15 p.m.

- Isaac Boardman, *Exploring Mechanisms of Parkinson's Disease Using Zebrafish*
- Jackson Thein, *Investigating the Role of an ABC-Transporter in Lysosome-related Organelle Trafficking and Localization*
- Devon Conradson, *Solving the Structure of LPOR*
- Maddy Dewey, *The Role of wht-7 in ABCG Transport*
- Talia Lichtenberg, *Testing a Clonal Competition Model of Brain Development*

- Simran Handa, *The Recruitment and Activation of a Rab GTPase in Lysosome-related Organelle Biogenesis*
- Seren Villwock, *Investigating the Potential for the Landscape Weed Cardamine hirsuta to Evolve Polygenic Herbicide Resistance*
- Hanna Roshak, *Parkinson's Disease: Molecular Mechanisms, Treatment, and Ongoing Research*
- Zach Schonrock, *Surface Chemistry and Environmental Fate of Protein-Capped Gold Nanoparticles*
- Ravyn Malatesta, *A Tensor Network Approach to Quantum Error Correction*
- Sara Worku, Kelley Koeppen, *Zinc Oxide Nanorides Research: A General Chemistry Laboratory Experiment*
- Kei Inoue, *Alcoholysis of Organophosphate Pesticides via Molybdate Complexes*
- Selina Ibarra and Jessica Doan, *Kinetic Study of Gold and Silver Nanoparticle Interactions in Aqueous Environments*
- Olivia Tuller, Avery Laliberte, Charlotte Brownstone, Maddie Caples, Nova Platt, and Kate Harvey, *Anchoring Effects on Thoughtful vs. Non-Thoughtful Online Participants*

- Elina Kudryavtseva, *Evaluating Levels of Patient Satisfaction in Obstetrics: USSR and Russian Federation*

Special Events

Music Department Thesis Presentations

1:30 p.m. - 3:00 p.m. in Miller 105

- Audrey Martin, *Evaluating Music Advocacy Strategies*
- Lillian Vellom, "Il Divo:" *Creating Appropriate Dialogue Around Male Sopranos and Recontextualizing Nerone in Monteverdi's L'incoronazione di Poppea (1643)*
- Will Nichols, *Musicological Misrepresentation in Chopin's Nocturnes*

10th Annual Dorothy Berkson Writing Award in Gender Studies

1:30 p.m. - 3:00 p.m. in Smith Hall

Award recipients will present selections from their prize-winning submissions and graduating Gender Studies minors will be recognized.

- **Eva Gellman**, *The Slipperiness of the Sublime: Degendering the Sublime in Eavan Boland's "The Woman Who Turns Herself Into A Fish"*

- **Mikay Parsons**, *Cultural Intelligibility and the Policing of Gender: The Tension Between Butler's Theory of Performativity and Personal Experience*

James J. Kopp First Year Research Award

1:30 p.m. - 3:00 p.m., Atrium of Watzek Library

- Hannah Creasey, *AAE and Equality in the U.S. Education System*
- Caitlin Davis, *Intellectual Warfare: Conflicts of Language in the Pacific Northwest*
- Dylan Benitez (Honorable Mention), *Exile and Pilgrimage*

Dinah Dodds Endowment for International Education

1:30 p.m. - 3:00 p.m. in Gregg Pavilion

- Emily Hayes-Rich, *Migration of Water: The History and Transformation of the Moroccan Acequia*
- Evelyn Newman, *Agroecology and Sustainable Farming Practices – Seed Production*
- Madeline Frawley, *Understanding the Cultural and Ecological Impacts of Mining in Ecuador*

- Alexandra Macmillan, *Barriers to Access: A Study of the Women of India's Climbing Community*
- Nicolas Read, *A Study of Germany's Refugee Integration*

LC Natural History Collection

1:30 p.m. - 3:00 p.m., Miller 100-level lobby

- Hannah Machiorlete
- Paige Browne
- Robin Fujita
- Alex Olsen
- Holden Jones
- Seren Villwock
- Lydia Fairchild
- Nhi Ho

Scanning Electron Microscope Images

1:30 p.m. - 3:00 p.m., Miller 100-level lobby

- Hannah Machiorlete
- Amanda Giesler
- Emma Campbell
- Seren Villwock
- Jonathan Torres
- Amelia Jackson
- Claire West

- Paige Browne
- Sami Zimmerman
- Robin Fujita

Periodic Table Presentation,
Advanced Inorganic Chemistry
1:30 p.m. - 3:00 p.m., Miller 100-level lobby

- Jack Bergamini
- Jonathan Boddie
- Steephen Bokouende
- Emily Bright
- Gage Bumgardner
- Max Clary
- Tate Kelley
- Kelley Koeppen
- Ryan LaVigne
- Ravyn Malatesta
- Arpana Nautiyal
- Ryan Nguyen
- Miranda Osti
- Will Owen
- Eric Sauer
- Zach Schonrock
- Kori Swanson
- Summer Thompson

AFTERNOON SESSION II

3:15 p.m. - 5:00 p.m.

Panels

Listings reflect the expected order of presentation.

Incremental Change

3:15 p.m. – 5:00 p.m. in Howard 102

- Steephen Bokouende, *Phosphorus Recovery of Organophosphate Pesticides using Solution and Supported Molybdates*
- Gabriella Francolla, *Fish Fights: Values of Nature in Colombia River Salmon Conservation*
- William DeLee and Lars Mayrand, *The Drunkard's Walk in a Valley via Electric Networks*

Words and Images

3:15 p.m. – 5:00 p.m. in Howard 116

- Willow Wood, *Exploring Intention: Jenny Holzer's Early Work*
- Emily Price, *The Fantastical Image: Monstrosity and Humanity in Medieval European Bestiaries*

- Ben Kassman, *PDF Accessibility: Reconstructing Textbooks for Screen Readers*

Hard to Digest

3:15 p.m. – 5:00 p.m. in Howard 132

- Tasha Addington-Ferris, *Fukushima Daiichi: Japan's Resilience to Nuclear Plant Meltdown*
- Natalie Cerda, *Investigation of the Potential Role of Gut Granules in the Metabolic Pathway of C. Elegans*
- Ben Glick, *An Extensible Ecosystem of Tools Providing User Friendly HPC Access*
- Teresa Rios Martinez, *Santa Muerte: Insights on Deeming "Bad Religion"*

Pushing Boundaries in Art, Literature, and Philosophy

3:15 p.m. – 5:00 p.m. in Howard 254

- Carly Stevenson, *Iconoclasm without Icon: A Closer Look at the Provocative Works of Barnett Newman*
- Jonah Svihus, *"Endless Phantasmagoria": Searching for Beauty and Truth in the Apparitional*

- Sally Goldman, *What is a Woman? Gender Realism and Nominalism on the Particularity Problem*
- Sam Seagren, *The Value of Women's Anger*

Error and Interpretation

3:15 p.m. – 5:00 p.m. in Howard 260

- Emily Bright, *Characterizing Sulfoxidation by Molybdates using DFT*
- Elise Glaser, *"Is that Funny?" Jewish Self-Deprecation and Comedy Podcast*
- Kendall Graham, *Impressions of Character in Virginia Woolf's "A Sketch of the Past" and Across*

Health and Family

3:15 p.m. – 5:00 p.m. in Howard 122

- Rachel Pearlman, *The Effect of Family Size on Child Health in Rural Bangladesh: Does the Quantity-Quality Trade Off Exist?*
- Megha Viswanathan, *A New Role for the Protein Alpha-Synuclein*

Special Events

Senior Artist Talks, Part 2

3:30 p.m. - 4:30 p.m. in the Hoffman Gallery

- Sterling Stoll, *Making it Home*
- Beija Flor, *A Body at Rest*
- Jennifer Rodriguez, *Behind Mirrors*
- Mimi Hovila

French Program Presentation:

Writing Creatively in a Foreign Language

3:30 pm. - 5:00 p.m., Howard 124

- Maren Barnes
- Lily Donnell
- Tenacity Remington

Forensics Demonstration

3:30 - Howard 202

Theatre Thesis Presentations

3:00 p.m. - 5:00 p.m. in the Black Box Theater

- 3:00 p.m.: Arianne Melton, *Breaking the Cycle: A Journey to Discovering a Proactive and Inclusive Theatre Arts Curriculum for Youth Facing Adversity*

- 4:00 p.m.: Margaret Jordan, *From Cinderella to Anon(ymous): A Creative Odyssey*

Music Department Performances

3:15 p.m. - 5:00 p.m., Agnes Flanagan Chapel

- Zoey Kambour, soprano; Hana Chwe, accompanist
- Cappella Nova Choir

Lambda Pi Eta Film Festival

3:30 p.m. - 5:00 p.m. in Miller 105

RECEPTION FOR PARTICIPANTS

5:00 - 6:00 p.m. in Stamm

8:00 p.m.

Fire Arts performance, outside Maggie's