

# HC, COB, COED & CLA FACULTY RESEARCH SHOWCASE



**Oregon State**  
University

Jacob Hamblin

Professor, School of History,  
Philosophy, and Religion

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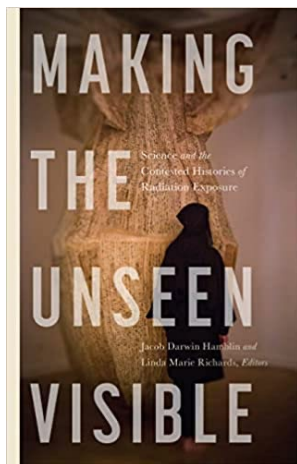
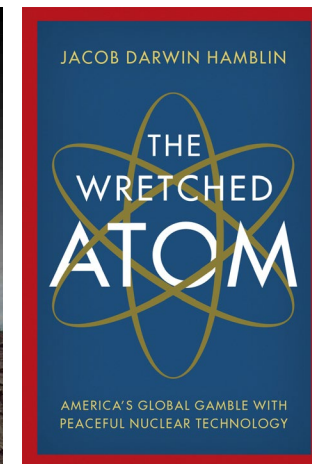
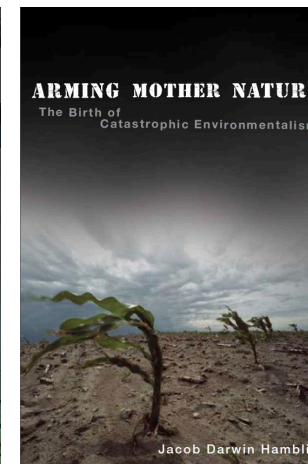
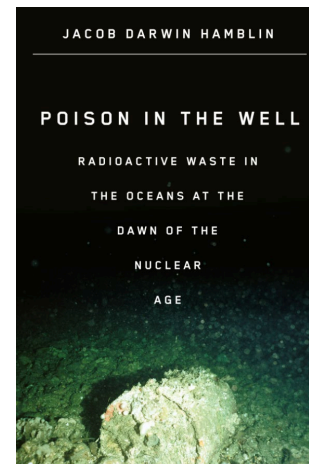
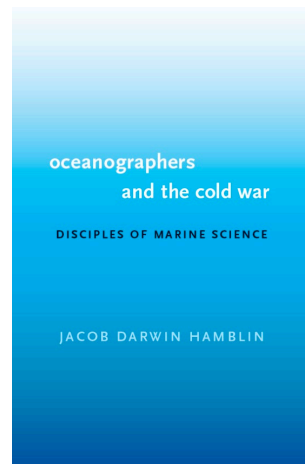
I study the history of science, technology, and environmental issues

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My books have focused on the politics of science, military uses of the natural environment, nuclear issues, and contested histories of human harm

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I challenge students to identify the competing narratives of history, getting beyond timelines and dates, to explore the hidden meanings of how we represent the past





Rorie L. Solberg  
Professor  
Political Science  
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**Oregon State  
University**

School of Public Policy

### Past Projects

How race & gender affect chances for elevation to the Courts of Appeals

What do Senators ask and what does the media cover (SCOTUS nominations)

Discretionary judicial decision making in a comparative perspective

Does the presence of a White female Chief Justice affect support for a Supreme Court?

Comparing Senate speeches before the Thomas and Kavanaugh Votes

<https://open.oregonstate.education/open-judicial-politics/>

### Current & Upcoming Projects

Elevation prospects from the District Court

Does the presence of an intersectional Chief Justice affect support for a Supreme Court?

What is Congress talking about?  
Assessing tweets and press releases pre and post *Dobbs*.

Constitutional Law: Excerpts of Landmark Cases (An OER resource)

Assessing the Tone of Supreme Court Confirmation Hearings

### Courses taught at OSU

PS 110: Governing after the Zombie Apocalypse

PS 381: Constitutional Law: Government Powers & Constraints

PS 382: Constitutional Law: Civil Liberties

PS 383: Constitutional Law: Civil Rights

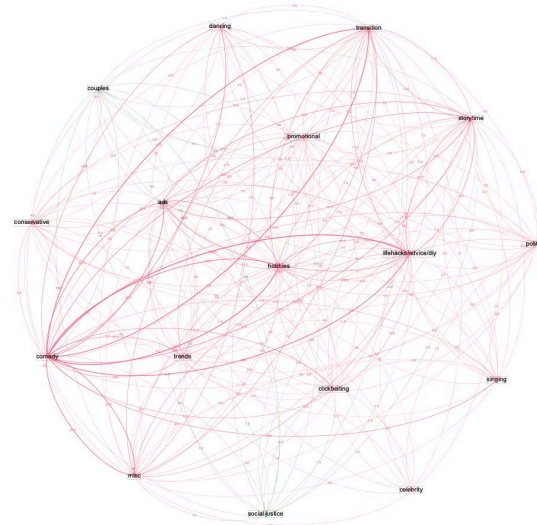
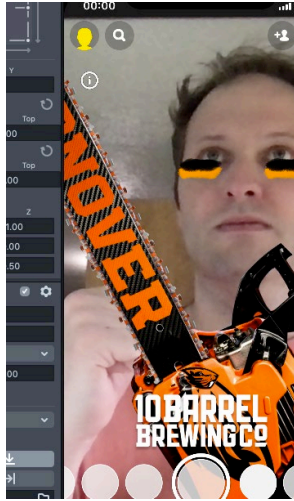
PS 384: Constitutional Law: Rights of the Accused

PS 326: Judicial Process and Politics

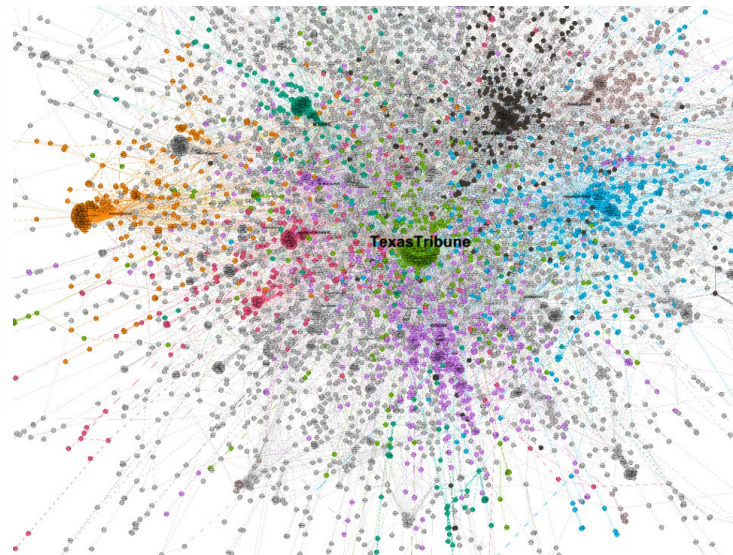
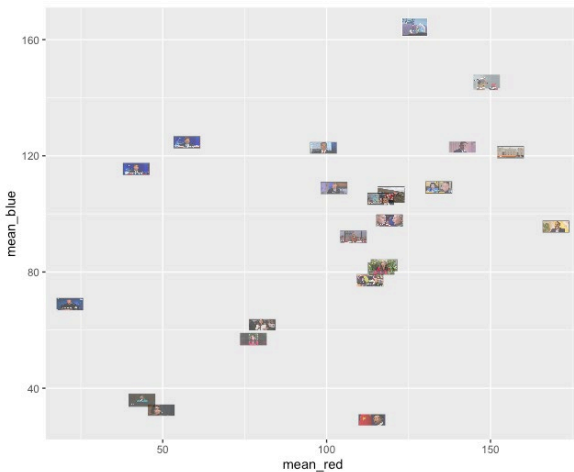
PS 325: Gender and the Law



# Dan Faltesek – New Media



- Cultural Analytics, Production, Media Law, translational social science.
- Working on:
  - Augmented Reality and Attitude Change
  - Adversarial Engagement
  - Flow and Recommendations
- Things I am thinking about:
  - Listening
  - Markov Chains
  - Generativism, Agent-based methods



# Dr. Philipp Kneis

School of Public Policy, Political Science Program



## Main Research Project: Utopian Political Thought

- How can we imagine the ideal political system?
- How can these conceptions of an ideal state be turned into reality?
- What are the side effects of utopian political visions?

## Other Research Areas:

- Political Extremism
- Politics of Media
- Social and International Policy
- Rural Policy

## HC Teaching:

- PS 366: From Atlantis to Utopia: The Politics of the Ideal State
- PS 315: The Politics of Media
- HC 407: How is a Better World Possible?
- HC 407: At Home in the World: The Politics of Global Citizenship

## Other Teaching & Projects:

- Classical & Modern Political Thought
- American Political Thought
- Gender and Race in American Political Thought
- Transatlantic Students Symposium
- Social Justice Students Conference



# TRANSATLANTIC STUDENTS SYMPOSIA

- Transdisciplinary International Field School in Spring Break
- Hybrid programming with global focus
- Preparatory class in Winter term
- Student audience: graduate and advanced undergraduate students
- Different topic each year, location alternates between Europe & North America
- Main themes: democracy, diversity, human rights, sustainability, leadership
- Cooperation between OSU, Humboldt-University Berlin, University of Warsaw
- Lead Organizer: Dr. Philipp Kneis, [philipp.kneis@oregonstate.edu](mailto:philipp.kneis@oregonstate.edu)



# Mason Tattersall

- The History & Philosophy of Science & Medicine
- Modern Art & Science

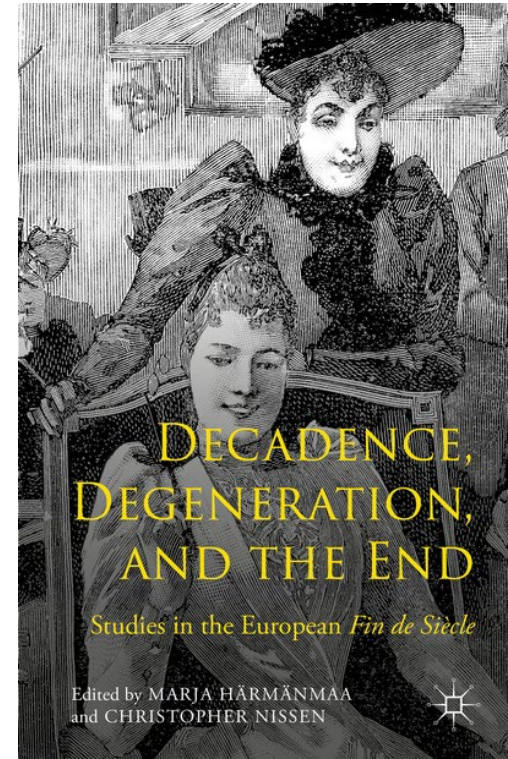
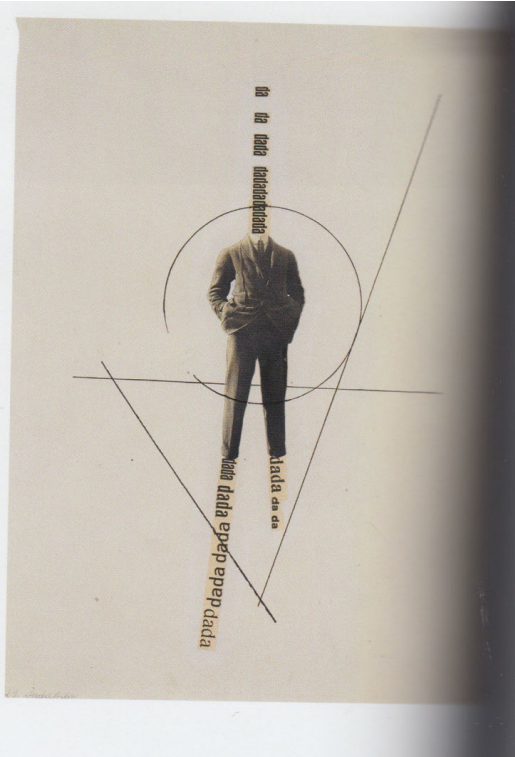


## Major Research Areas:

- Modern Physics (particularly Quantum Mechanics & Thermodynamics)
- Modern Biomedicine (Theory & Practice)
- Modern Art (Theory & Practice)

## Additional Areas of Interest:

- Ancient & Medieval Science & Medicine
- World History





# Current & Recent Directed Research Topics



- The 1918 Influenza Pandemic
- Shell Shock
- Psychology & the Impacts of the First World War on Modern Art
- The History of Vaccine Hesitancy
- Doctors, Biomedical Knowledge, & the US Nuclear Testing Program
- Socio-Economic Sustainability of Pharmaceutical Pricing



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# Laura Rees

## Organizational Behavior

### Assistant Professor



[laura.rees@oregonstate.edu](mailto:laura.rees@oregonstate.edu)  
Austin 406 (look for the decorated window)

- I study why people think, feel, and act the ways that they do, and how we can better manage ourselves, our relationships, and others to do and be the best we can.
- I focus on both practical applications (examined mainly through lab experiments) and theoretical development.

## Research

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### Emotions, Attitudes, and Perceptions

- How do emotions influence thinking & behaviors?
- What does it mean to be authentic?
- What is the role of emotions in AI?

### Negotiation, Influence, and Persuasion

- How do we coordinate with others?

### Cognition, Judgments, and Decision making

- How do we think about & make decisions?
- How does ambivalence help (& hurt) decisions?

### Voice and Speaking Up at Work

- How does speaking up about ideas—sometimes without thinking much—influence outcomes for us?

## Teaching

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Influence and negotiation (MGMT 455)

Managing Ethics and CSR (MGMT 559)

# Heather Pesch

## Accounting

### Assistant Professor

heather.pesch@oregonstate.edu



I study the organizational norms, controls and ethics:

- Broadly, I am interested in understanding how individuals make ethical decisions within the context of an organization.
- I primarily use surveys, lab experiments, and agent-based models (i.e., computer simulations).

## Current research

### Impact Controls on Corrupt Organizational Norms

- Which controls best
  - remediate corrupt organizational norms?
  - maintain an ethical climate?

### Impact of forgiveness on future ethical decisions

- How does forgiveness of past behavior affect future ethical decisions?

### Controls and policies around academic research

- How do editorial times compare across business disciplines and impact tenure clock extensions?
- Do gender neutral clock extension policies bias against women and primary care-givers?
- How prevalent is "P-Hacking" in top-tier accounting research?

## Teaching

- Financial Reporting
- Accounting Analytics

We have a  
DREAM to  
support teachers  
to develop  
Equitable and  
Just Learning  
Opportunities.

Rebekah Elliott- College of Education,  
Mathematics Education  
[elliotttr@oregonstate.edu](mailto:elliotttr@oregonstate.edu)



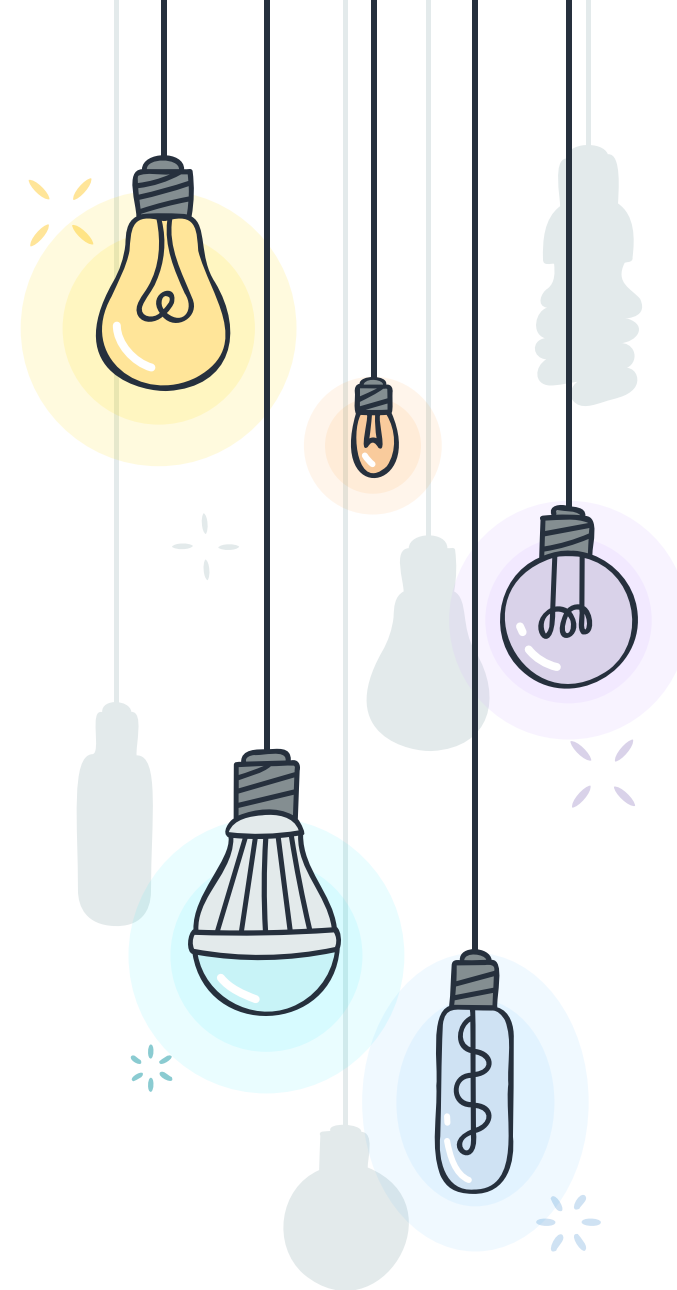




# Rebekah Elliott – 2 Projects: NSF DREAM & State-Wide Literacies Projects

**Project 1 DREAM:** A 4 year National Science Foundation project with K-12 multilingual teachers and students studying anti-bias mathematics education and professional learning opportunities. We are in year 2 of the project, studying how teachers, leaders, students, and communities support mathematics learning. We are working in dual language – Spanish programs.

**Project 2 ALK-8:** A 1.5 year project to support a state-wide network of educators' innovating through co-design to address education-related problems of practice. We are studying the capacity to build a state-wide effort that supports K-8 subject literacies (math, science, language arts, and more). We are just starting this project.



# Research on Multilingual Learners and Social Justice

Kathryn McIntosh  
ESOL and Language Equity Education  
Associate Professor  
College of Education



College of Education  
Oregon State University  
104 Furman Hall  
Corvallis, Oregon 97331

# Project #1: Engaging Multilingual Families - Dual Language/ESOL Teachers connect with Authentic *Cariño*

*Teachers Educating All Multilingual Students* (TEAMS) at Oregon State:

- Funded through U.S. Department of Ed, Office of English Language Acquisition
- Prepares teachers to work with Multilingual learners in eight OR districts

TEAMS Community Goal: To deepen and sustain family and community engagement

How did TEAMS teachers' conceptions of *caring* and *connecting* support multilingual family engagement?

## Teacher exemplar quote:

I've learned a lot, not only about myself, but also within the context of our studies that while I don't speak Spanish, I **could still connect with these families**. it's been a huge eye opener for me that I still have frustrating moments that I want to make relationships with these families in a way that I can't, and I need a translator to help with that... there's that hurdle, but I'm **figuring out ways** to find that support structure so that I can still make those relationships.... it's definitely been this switch



## Conclusions

1. Coursework propels teachers to value and support engagement with families
2. Relationship-building is needed, as seen in times of crisis
3. Direct interactions are needed for listening, seeing, feeling with the families
4. Listening and observing first - not only school's agenda
5. Multiple interactions with families needed, not one-time
6. Empathy and emotional engagement is a part of humanizing and authentic relationship
7. School systems *must* strategize and invest in teachers to spend time with families



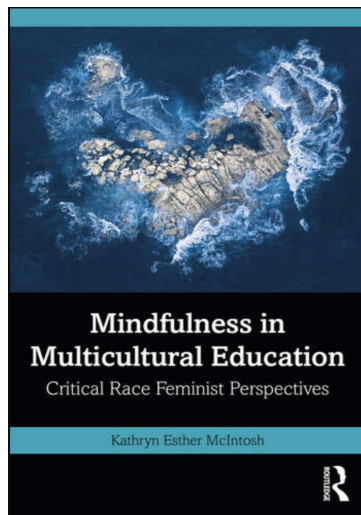


# Project #2: Mindfulness in Social Justice Education: Critical Race Feminist Perspectives

## Social Justice and Mindfulness in Multicultural Education

- How does mindfulness help students learn about social justice?
- How does mindfulness help undergraduates and preservice teachers understand and heal from oppressive experiences?

Counter Story -Participant Exemplar: “The concepts that I learned from this week's mindfulness video were centered around being mindful about **belonging**. This is something that I have struggled with for a lot of my life, for reasons having to do with **bullying tied to racism**, as well as other things. This is something that I have to be mindful of on a daily basis because sometimes the **thoughts and feelings resurface** and I have to use mindfulness to be able to move through the emotions that are tied to that experience.”



• Mindfulness: Belonging (~22:11)



## FINDINGS: STUDY

- Emotion
  - Awareness
  - Emotional Regulation
  - Respect
  - Stress
- Cognitive
  - Absorb/Digest
  - Attention/focus
  - Difficult topics
  - Clarity of thought
  - Thinking deeply
- Spiritual
  - Compassion and Care
  - Bigger Picture
  - Interconnectedness
  - Grounding/Centering
- Body
  - Breaks
  - Relaxation
  - Tired, fatigue

Potential for 2  
undergraduate  
student researchers  
one for each project  
below

## Studying Inter- and Intra- Organizational STEM Education Improvement Initiatives at the Postsecondary Level

Jana Bouwma-Gearhart  
College of Education

Project 1: Researching nation-wide ice-science center's impact on emerging researchers. Needs: literature review, data analysis and paper writing.

Project 2: Researching inter-institutional faculty development of transdisciplinary curricula about sustainability. Needs: data analysis and paper writing.