

HC Faculty Research Showcase with College of Liberal Arts, College of Business, and Design for Social Impact

May 11, 2026



Honors College: Sign
in Using the QR Code
Please.



Human Learning & Memory

Shana K. Carpenter, Ph.D.

shana.carpenter@oregonstate.edu
<https://shacarp.wixsite.com/mysite>

How does memory work?



Boulder, Colorado



Zip Code Man



How does he do this?
Zip codes are highly organized
No “super-human” memory required

Research on memory

○ Laboratory experiments



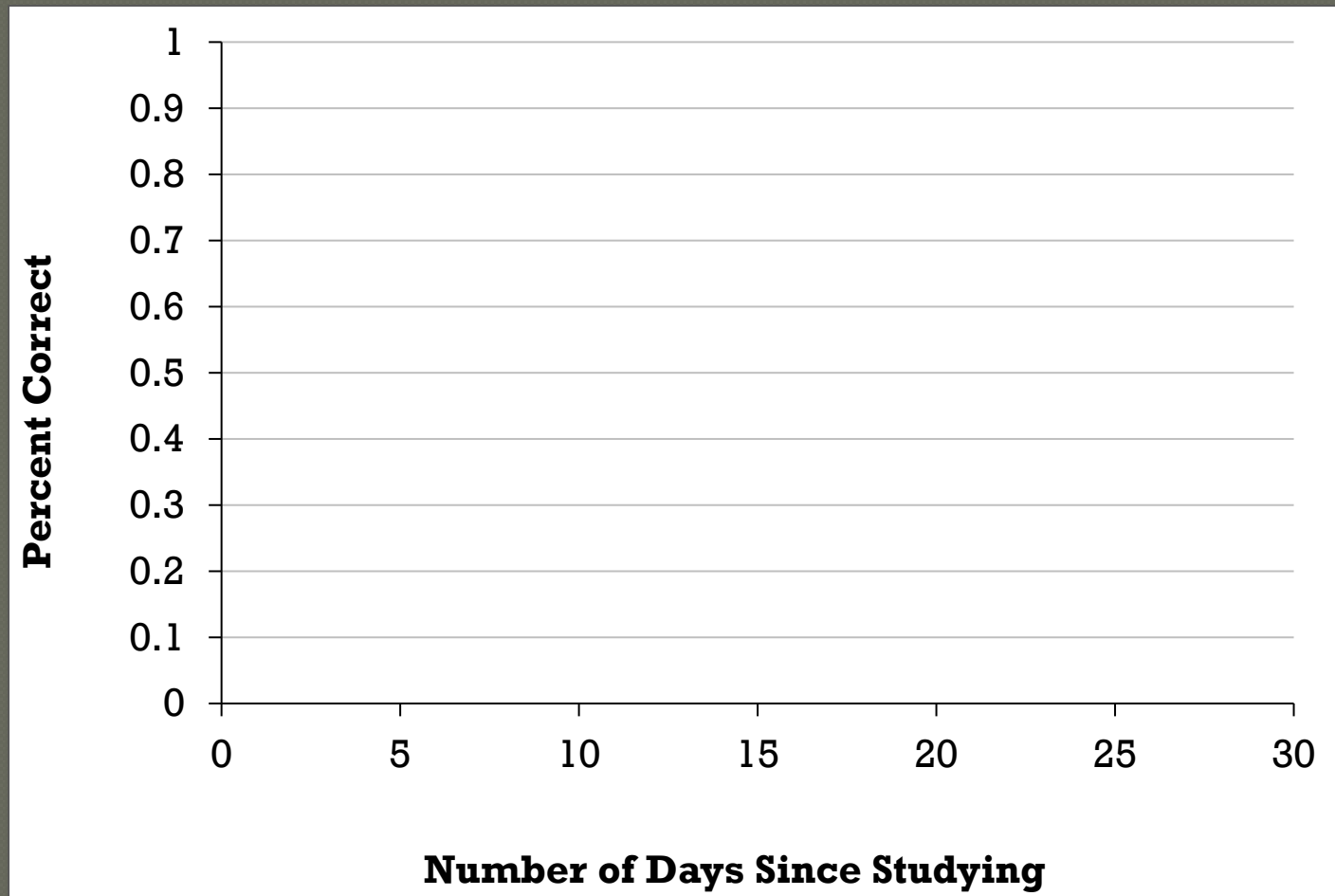
- What is the best way to learn information?
- How many times should something be studied?
- When should information be studied?

○ School-based experiments

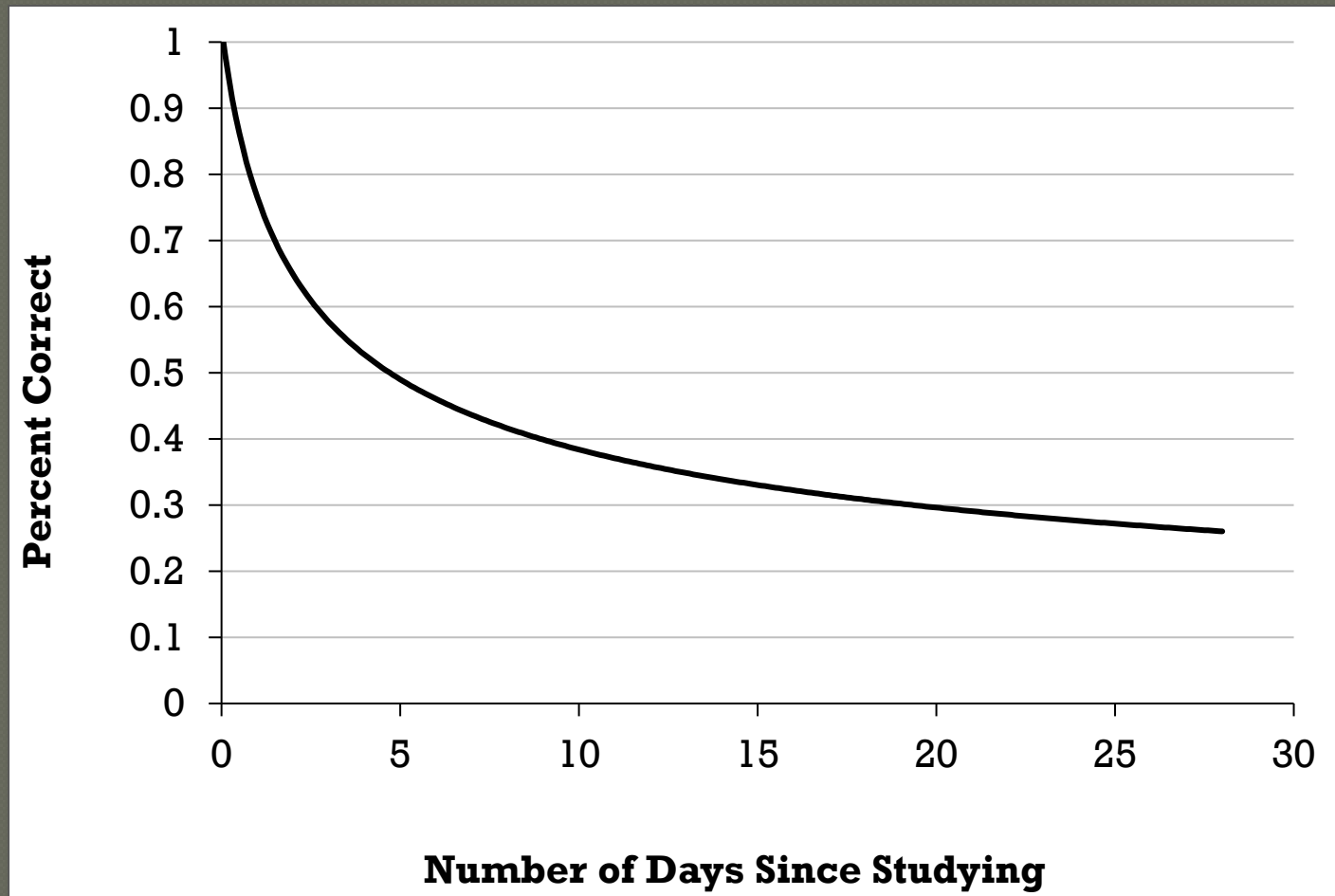


- Apply findings from laboratory studies
- How can we make learning better in real environments?

Forgetting



Forgetting



Example

Exam 1

1. What is the difference between a piggy and a hot forecast?
[a] An difference: forecast was different ways of obtaining the same thing
[b] A piggy or general forecast has not been a car forecast
[c] A piggy when for the forecast error of a real forecast
[d] A piggy when a real forecast error counter than some group of forecast errors and forecasts
2. What is the world's most common religion?
[a] Christianity
[b] Buddhism
[c] Hinduism
[d] Islam
3. Which city ranks as the world's most populous city (2000)?
[a] New York City
[b] Mumbai (City, India)
[c] Tokyo, Japan
[d] Singapore, China
4. What is the second largest country (in size) in the world?
[a] USA
[b] China
[c] Brazil
[d] Russia

September

Exam 2

1. What is the difference between a piggy and a hot forecast?
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October

Exam 3

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November

Cumulative Final

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December

Cram Exams 1-3

Example

Exam 1

1. Which is the difference between a piggy bank and a coin bank?
- A piggy bank is used to store money.
 - A piggy bank is used to store coins.
 - A piggy bank is used to store money.
 - A piggy bank is used to store coins.
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- Canada
 - Russia
 - China
 - India

September

Review Exam 1

Exam 2

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October

Review Exam 2

Exam 3

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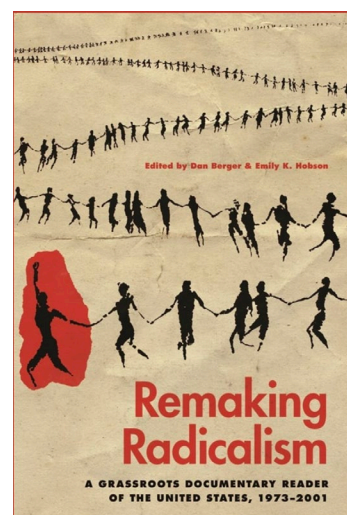
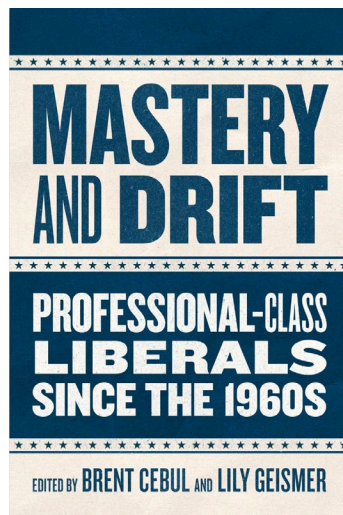
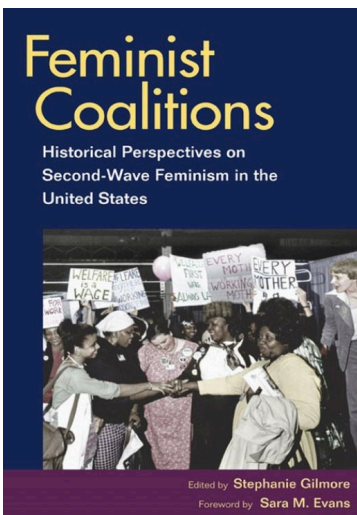
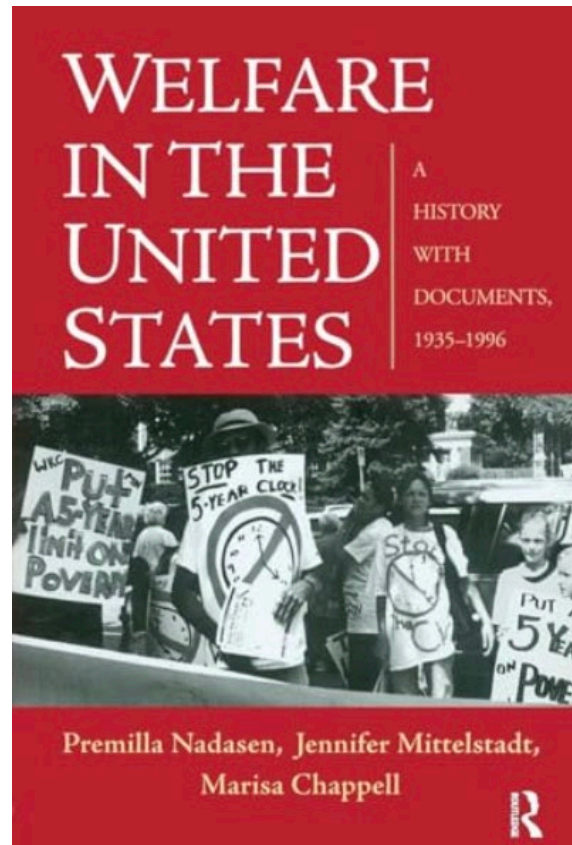
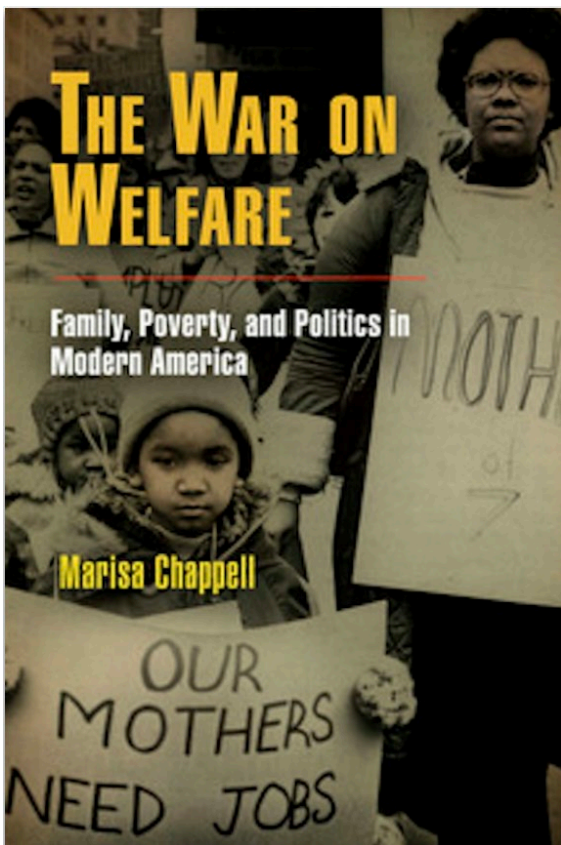
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 - Russia
 - China
 - India

December



Marisa Chappell

Associate Professor of History

Director, History MA/MS Program

marisa.chappell@oregonstate.edu

Historian of the Modern United States

Political History, History of Social Policy, History of Social Movements
How political power created intersectional inequalities and how people worked collectively to negotiate, resist, and alter those inequalities.

Courses

Women in U.S. History; The Civil Rights Movement; Race and Reproduction in U.S. History; Special Topics including Labor and Working-Class History, Citizenship and Belonging in U.S. History, Labor and Working-Class History

Current Projects

- *ACORN: How an Upstart Organization Built a New American Working Class*
- Mapping Restrictive Covenants in Benton County, OR (with Professor Jim Thatcher in CEOAS)

HOW CAN SCIENCE AND TECHNOLOGY BETTER SERVE SOCIETY?

John P. Nelson

Assistant Professor of Science and Technology Policy

Oregon State University, School of Public Policy

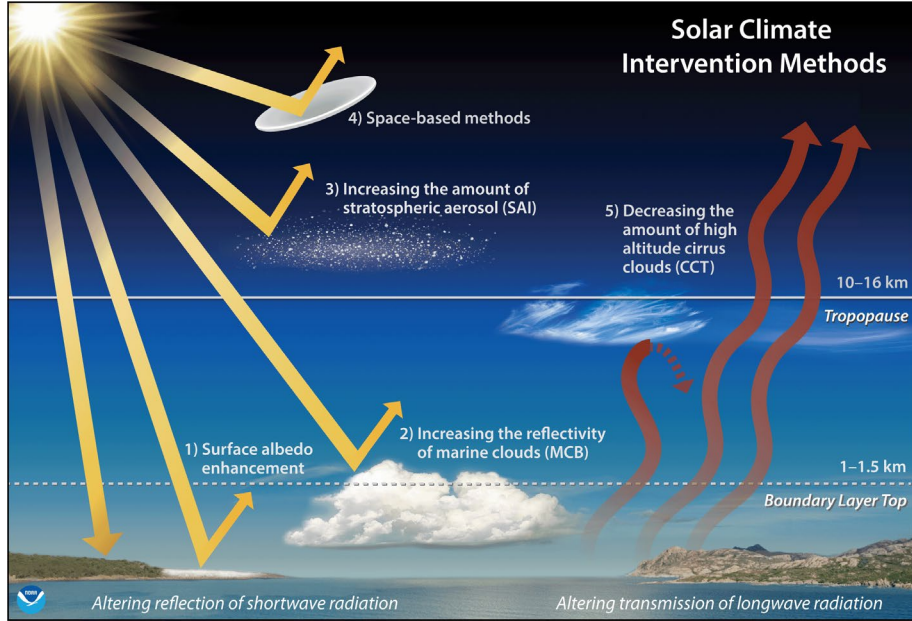
nelsoj34@oregonstate.edu



Oregon State
University

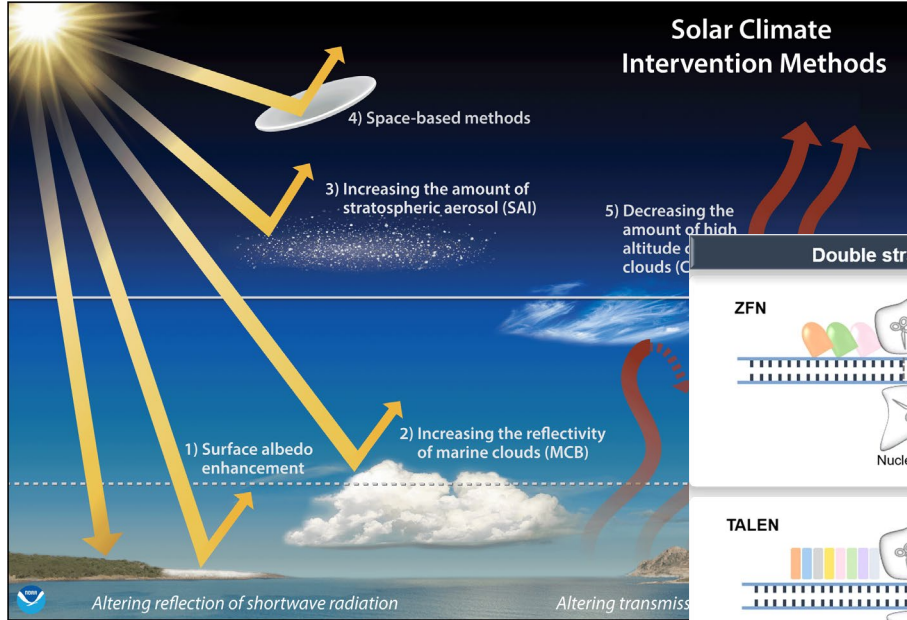
1. How can innovation proceed
responsibly?

Solar geoengineering



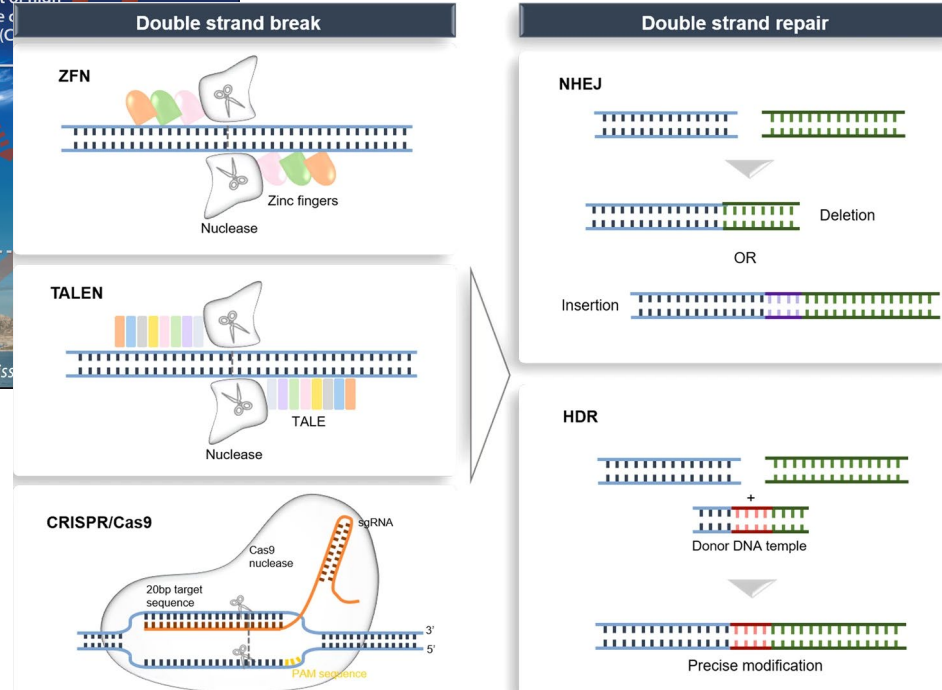
Thompson 2021

Solar geoengineering



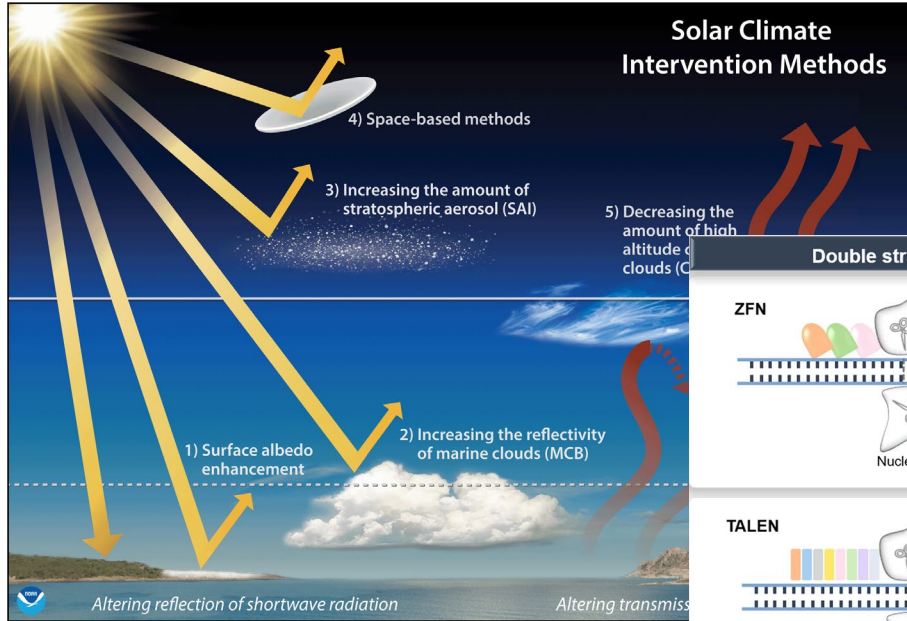
Thompson 2021

Human genome editing



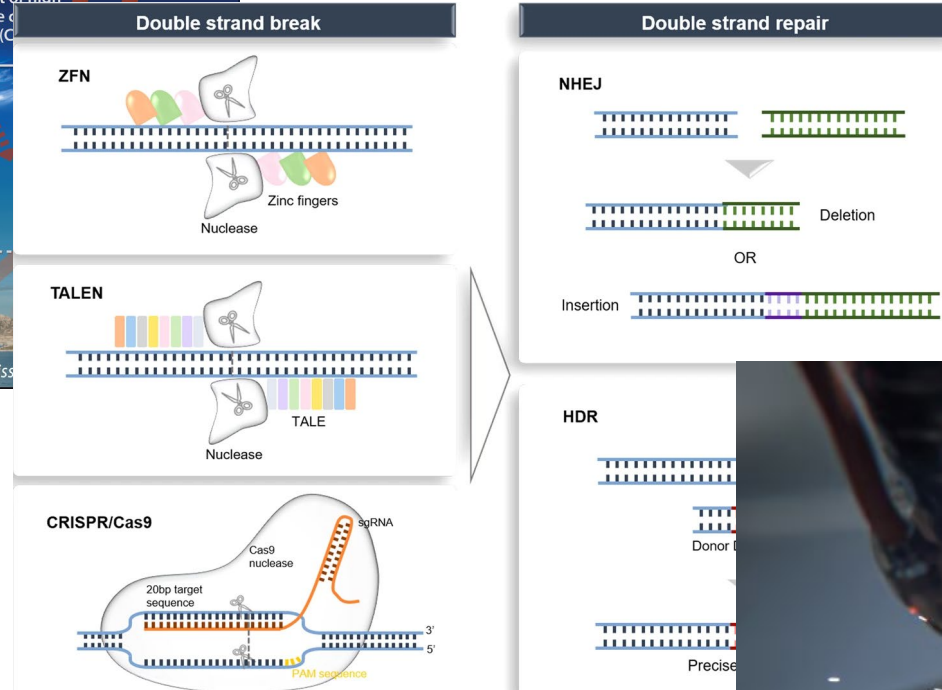
Li et al. 2020

Solar geoengineering



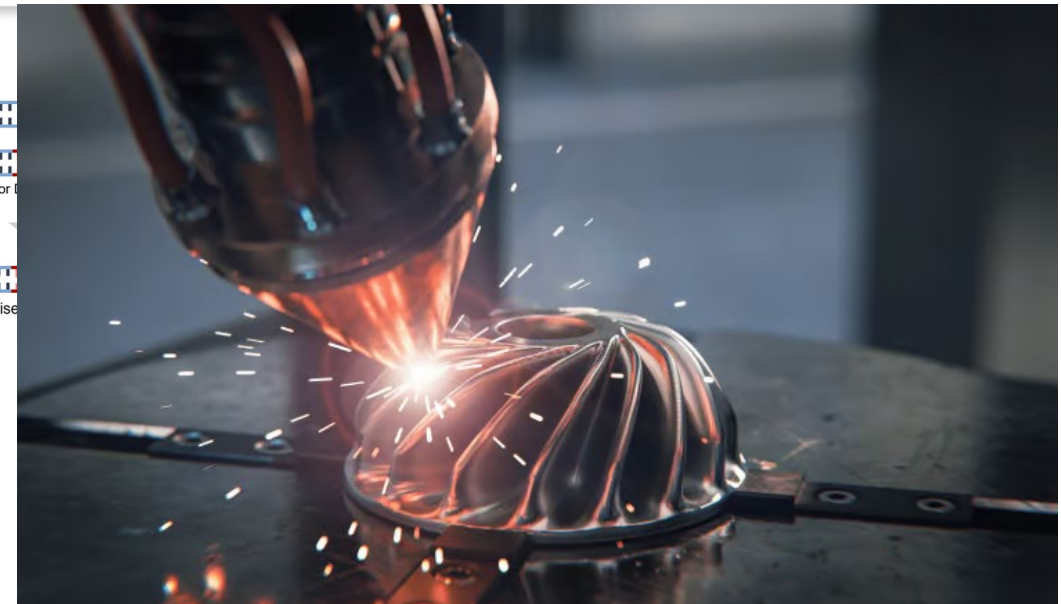
Thompson 2021

Human genome editing



Li et al. 2020

AI in manufacturing



Shutterstock 2023

Public engagement



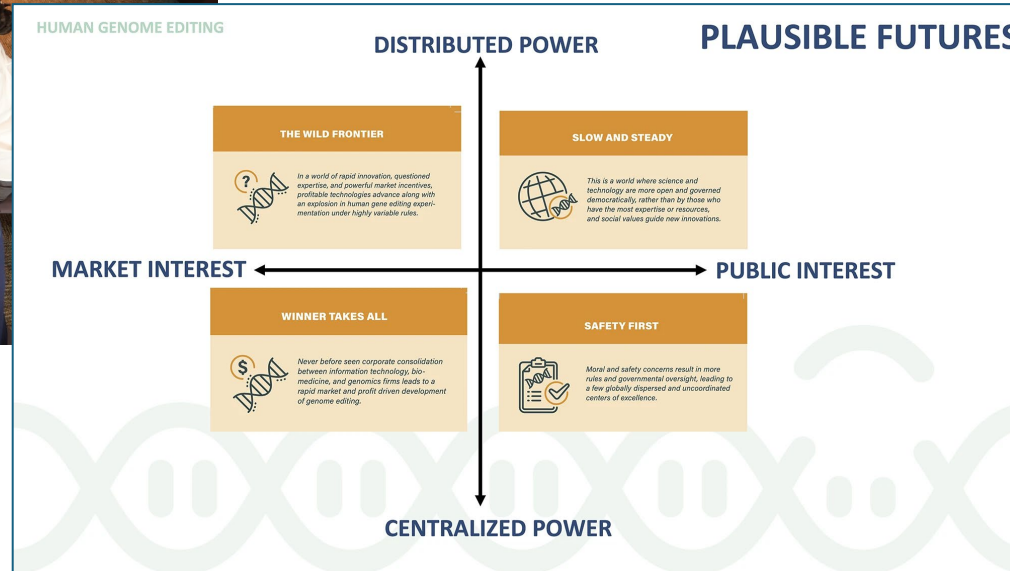
Farooque 2019

Public engagement



Farooque 2019

Scenario planning



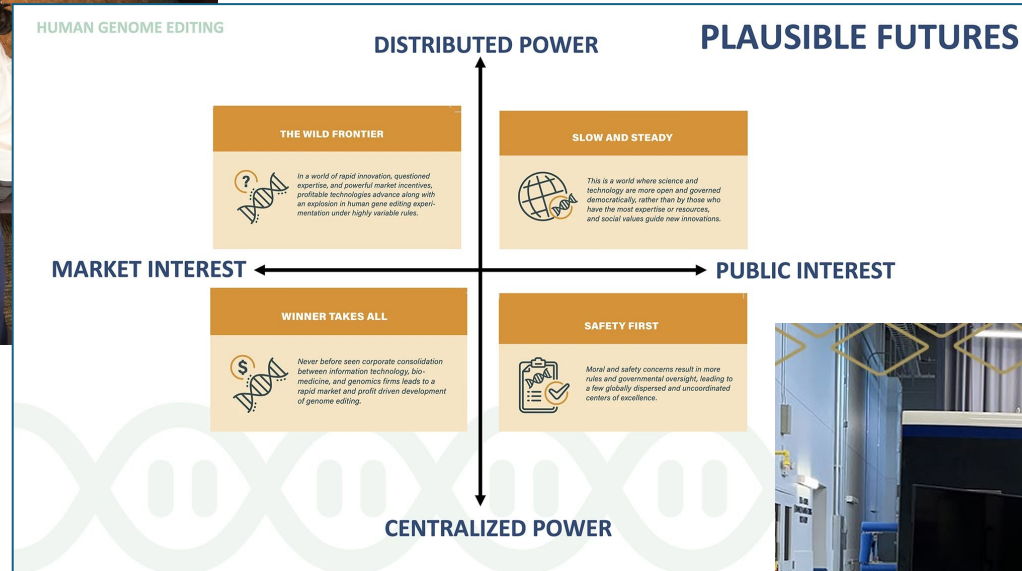
Selin et al. 2023

Public engagement



Farooque 2019

Scenario planning



Selin et al. 2023

Socio-technical collaboration



Georgia Tech 2024

1. How can innovation proceed **responsibly**?
2. What's the role of **science** in **democratic government**?

When **should** we trust science? When **do** we?



When should we trust science? When do we?

Republicans at RNC blame Biden for inflation. Economists say it's misleading

A pandemic-era supply bottleneck is the main culprit, some economists said.

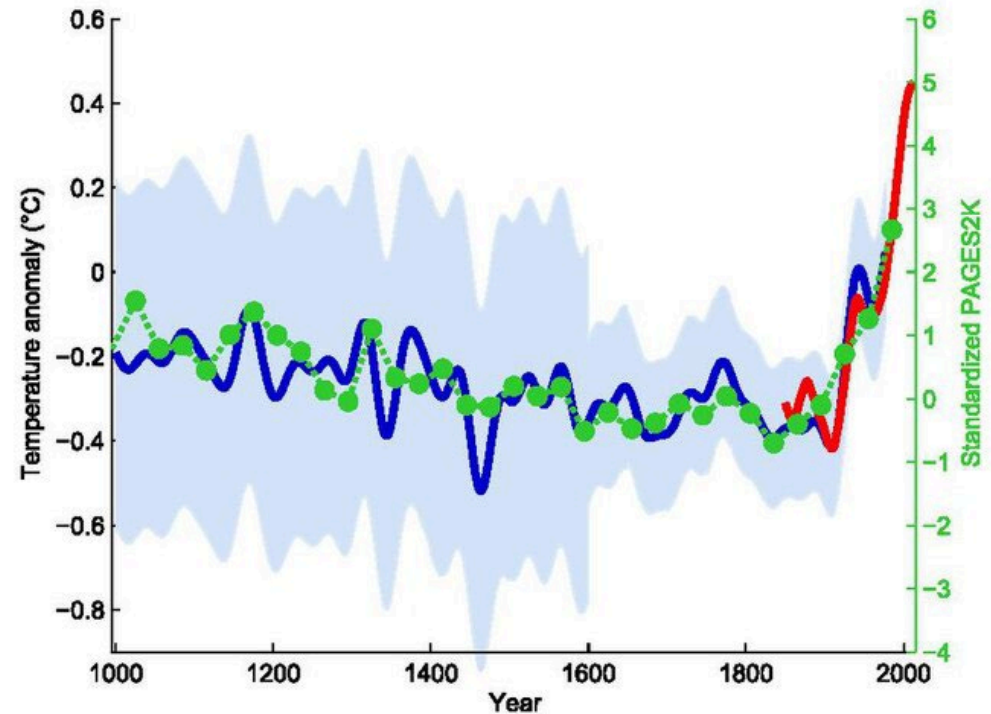
By [Max Zahn](#)
July 18, 2024, 9:06 AM



IDEAS • BOOKS

Greta Thunberg: Saving the Climate Means Changing How We Live

5 MINUTE READ

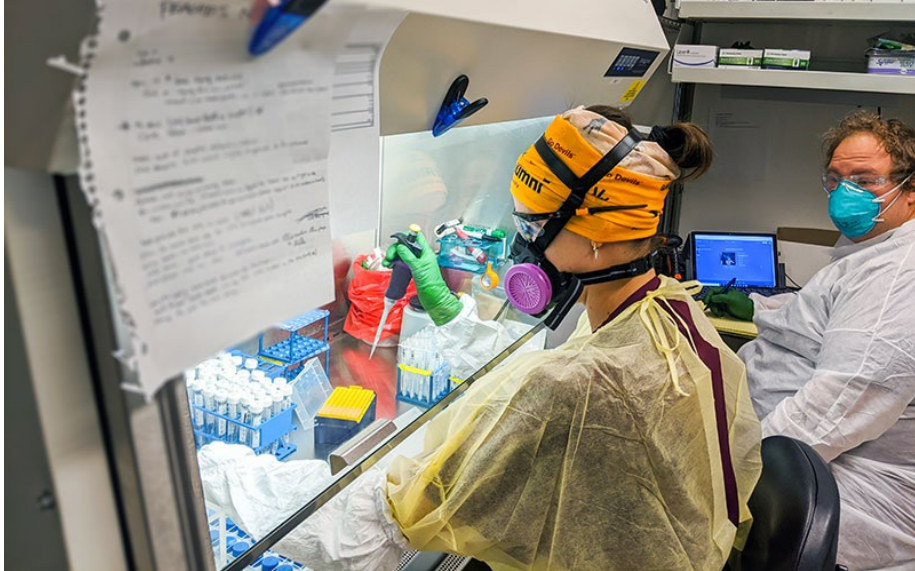


Mann et al. 1999

1. How can innovation proceed **responsibly**?
2. What's the role of **science** in **democratic government**?
3. How do **knowledge and technology** improve?

How do **knowledge** and **technology** improve?

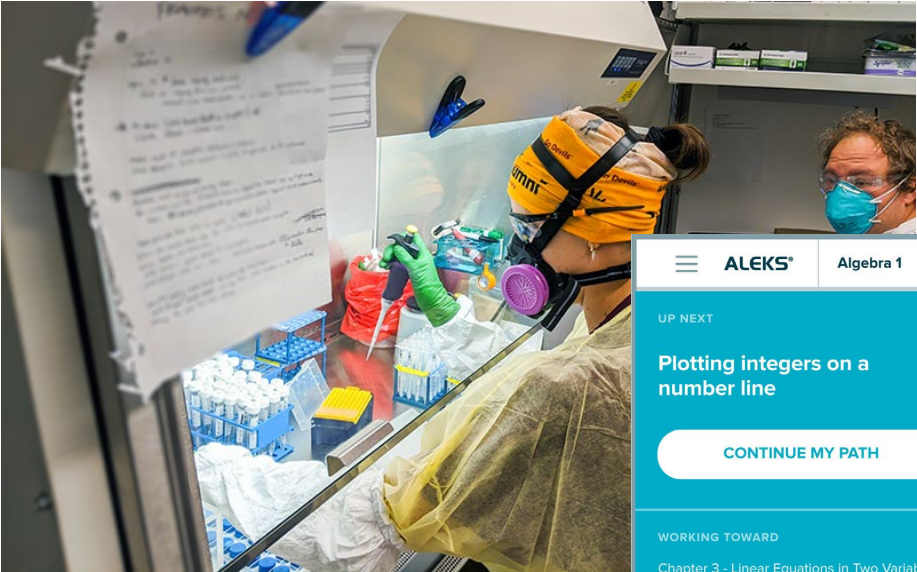
COVID-19 testing



ASU Biodesign Institute 2020

How do knowledge and technology improve?

COVID-19 testing



ASU Biodesign Institute 2020

Collegiate algebra instruction

ALEKS[®] Algebra 1 Mastered: 300 Learned: 11 Remaining: 68 Hi, Sam!

UP NEXT

Plotting integers on a number line

[CONTINUE MY PATH](#)

WORKING TOWARD

Chapter 3 - Linear Equations in Two Variables
1 of 55 Topics
Due: Jul 3 11:59 PM

Time Goal
2h 30m
Due: Jul 3 11:59 PM

WORK ON SOMETHING ELSE

Quiz 2
Due: Jul 3 11:59 PM
Attempts: 0 of 3 Remaining

Homework 3
Due: Monday 11:59 PM
Attempts: 0 of 3 Remaining

311

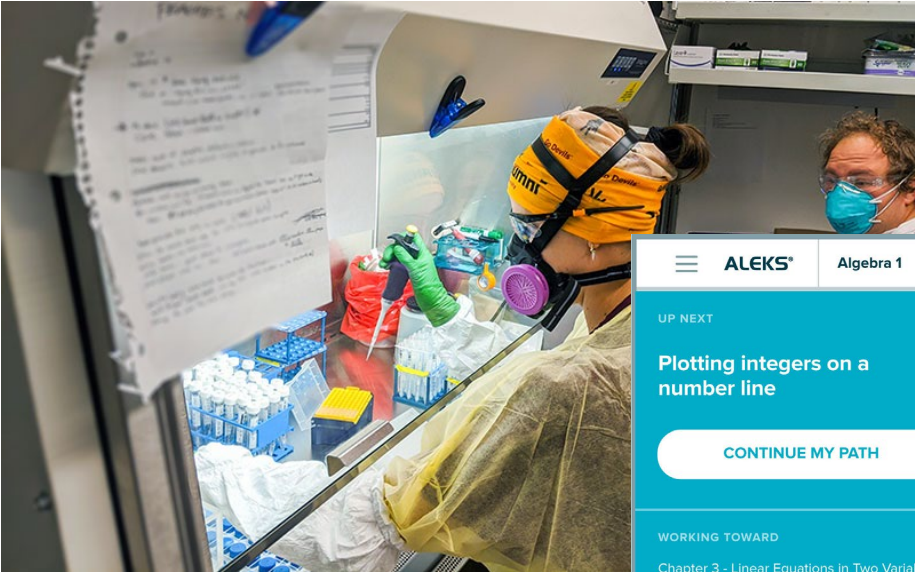
- Arithmetic Readiness (59 Topics)
- Real Number (39 Topics)
- Linear Equations (29 Topics)
- Functions and Lines (83 Topics)
- Systems (20 Topics)
- Exponents (47 Topics)
- Polynomials and Factoring (47 Topics)
- Quadratic Functions (27 Topics)
- Radicals (25 Topics)
- Rational Expressions (29 Topics)

Calendar ALEKS Pie Detail

McGraw-Hill 2015

How do knowledge and technology improve?

COVID-19 testing



ASU Biodesign Institute 2020

Collegiate algebra instruction

A screenshot of the ALEKS Algebra 1 interface. The top navigation bar shows 'ALEKS Algebra 1' and user statistics: 'Mastered: 300', 'Learned: 11', 'Remaining: 68'. The main content area is divided into three sections: 'UP NEXT' with a 'CONTINUE MY PATH' button for 'Plotting integers on a number line'; 'WORKING TOWARD' showing 'Chapter 3 - Linear Equations in Two Variables' (1 of 55 Topics, Due: Jul 3 11:59 PM, Time Goal: 2h 30m); and 'WORK ON SOMETHING ELSE' with links for 'Quiz 2' and 'Homework 3'. A large circular progress indicator in the center shows a score of 311. The interface is clean and modern with a blue and white color scheme.

McGraw-Hill 2015

AI in science



Shutterstock 2023

1. How can innovation proceed **responsibly**?
2. What's the role of **science** in **democratic government**?
3. How do **knowledge and technology** improve?

How can **science and technology** better **serve society**?

John P. Nelson

Assistant Professor, School of Public Policy,
Oregon State University

nelsoj34@oregonstate.edu

[https://liberalarts.oregonstate.edu/directory/
john-p-nelson](https://liberalarts.oregonstate.edu/directory/john-p-nelson)

[https://www.linkedin.com/in/john-nelson-
b46610170/](https://www.linkedin.com/in/john-nelson-b46610170/)



Razan Ghazzawi, Ph.D.

Assistant Professor of Queer Studies

Department of Women, Gender, and Sexuality Studies

278 Waldo Hall

Razan.ghazzawi@oregonstate.edu

Research/Career Interests

- Queer of color critique, Queer IR, checkpoints, prisons, war, and militarization.

Postcolonial feminism, authoritarianism, and social movements.

- Queer migration, border policing, and racialization of social mobilities.

- Ethnographic and autoethnographic methods, ethics of care, and research ethics.

Education

PhD in Gender Studies, University of Sussex, UK.

MA in Gender, Sexuality, and the Body. University of Leeds, UK.

MA in Comparative Literature, Balamand University, Lebanon.

BA in English Literature, University of Damascus, Syria.



COLLEGE OF LIBERAL ARTS

School of Language, Culture and Society

Courses I Teach



1. WGSS 110 Gender, Race, and Pop Culture (Spirited Away and Other Anime).
2. WGSS/QS 262 Introduction to Queer Studies (in-person and Ecampus).
3. WGSS 414 Systems of Oppression in Women's Lives.
4. QS 431 Queer of Color Critique,
5. WGSS 576 Transnational Sexualities.
6. WGSS 617 Multicultural, Transnational, and Queer Feminism II.

LOOKING FOR STUDENTS TO MENTOR!

1. **Queering** Your Major/Studies.
2. **Applying Queer Studies** to everyday life, work, activism, and art.
3. Building **transnational and cross-movement LGBTQ** solidarity between the USA and the Global South.

PUBLICATIONS/JOURNALS:

1. Ghazzawi, Razan. 2026. "Postcolonial Approaches to Gender Violence Against LGBTQIA+ Refugees." In *Resisting Gender Violence*,
2. Ghazzawi Razan. 2025. "Popular Sovereignty and Trans Mothering of Antiwar Syrian Soldiers." *Review of Middle East Studies*.
3. Ghazzawi, Razan. 2025. "Filmmaking in Exile: Failure as Queer Bodily Dissent." In *Queer Anthology on Arab Art*,

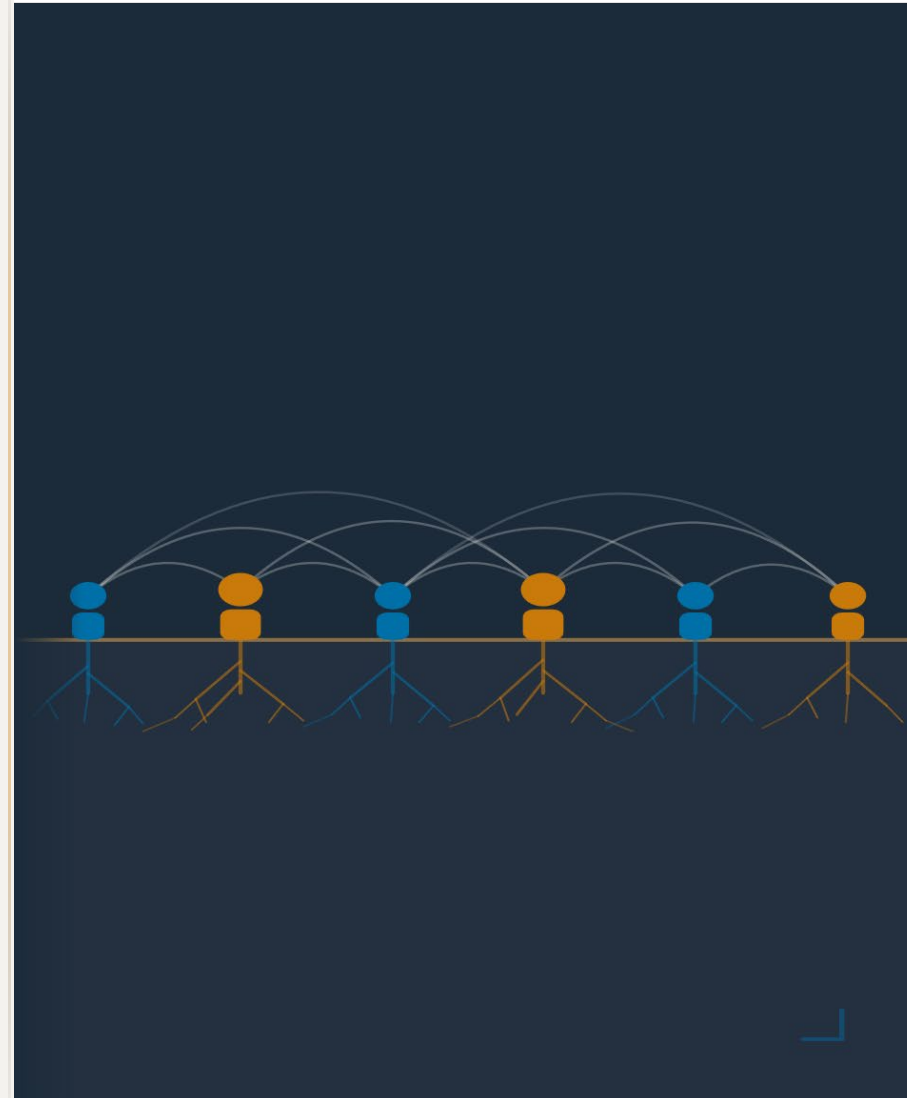
OREGON STATE UNIVERSITY

Marta Maria Maldonado, PhD



Associate Professor, Ethnic Studies

 marta.maldonado@oregonstate.edu



Research and Teaching

Normal racialized social systems

- What forms does “race” take in the present? How does it function in the everyday lives of individuals, groups, social institutions (e.g. families, workplaces, college campuses) and in different places? How does race shape and is shaped by our everyday actions, interactions, and emotions?

Race and immigration

- How does race shape our ideas about various immigrant groups, and the conditions and experiences immigrants face?

Current Project: Impacts of shifts in immigration policy and scaled-up enforcement under Trump 2.0 on Latino families and their broader communities in Oregon.

Courses

- Ethnicity and Social Justice
- Theories of Race and Ethnicity
- Race, Space and Difference
- Critical Research Methodologies



DREW GERKEY
ASSOCIATE PROFESSOR
ANTHROPOLOGY
COLLEGE OF LIBERAL ARTS

RESEARCH

- **Environmental Anthropology**
- **Social-Ecological Systems**
- **Natural Resource Management**
- **Indigenous Knowledge**
- **Subsistence Harvests (salmon)**
- **Climate Change**

METHODS

- **Ethnographic Research**
- **Social Network Analysis**
- **Behavioral Economics**
- **Mixed-Methods (Qual. + Quant.)**

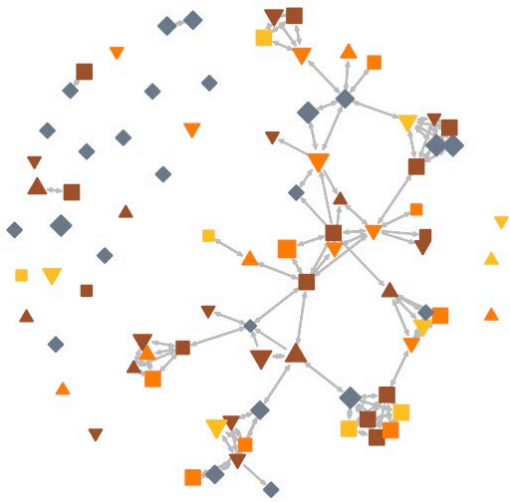


DREW GERKEY
ASSOCIATE PROFESSOR
ANTHROPOLOGY
COLLEGE OF LIBERAL ARTS

GOALS

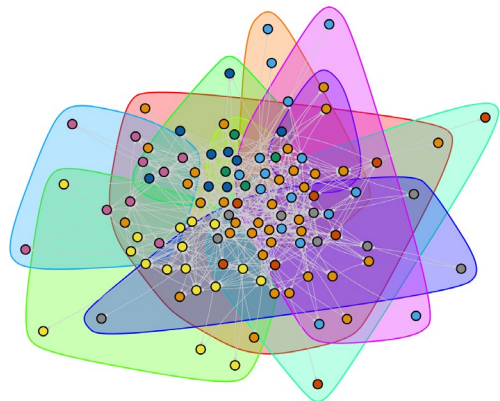
- **How do people adapt to social & environmental change?**
- **How do people transcend individual interests to achieve cooperation?**
- **Enhance environmental sustainability & social justice**

CURRENT PROJECTS



SALMON & SOCIAL NETWORKS

- Resource Scarcity
- Subsistence
- Alaska & Siberia
- Quantitative



INEQUALITY & SOCIAL NETWORKS

- Wealth & Social Relations
- Cooperation
- Siberia + Global
- Quantitative



EARTHQUAKE RECOVERY

- Disaster Recovery
- Livelihood Diversity
- Resilience
- Nepal
- Mixed-Methods



CLIMATE CHANGE & LICCI

- Indigenous & Local Knowledge
- Adaptation
- Siberia + Global
- Mixed-Methods



DREW GERKEY
ASSOCIATE PROFESSOR
ANTHROPOLOGY
COLLEGE OF LIBERAL ARTS

MORE INFO



CONTACT

- Drew.Gerkey@oregonstate.edu

Michelle Inderbitzin

Associate Professor of Sociology

School of Public Policy



Bexell 428

mli@oregonstate.edu

- I am a sociologist and criminologist, focused on why people commit crime and deviant behavior, and how societies work to prevent and respond to such behavior.
- Thesis and research opportunities tend to be negotiated with individual students
- New Criminology major is in the works!

Research Interests

Prisons & Communities

- Prison Culture
- Inside and Out

Juvenile Justice

- Preventing and Responding to Juvenile Delinquency

Transformative Education

- Prison Education
- Study Abroad
- Experiential Learning

Classes & Opportunities

- Sociology of Deviance
- Juvenile Delinquency
- Prisons & Communities
- Juvenile Justice
- Crime & Punishment in London
 - OSU summer study abroad

College of Business

RESEARCH IN THE COLLEGE OF BUSINESS



Oregon State
University

Research in the College of Business is focused on advancing knowledge that improves how organizations, markets, and individuals operate and succeed.

Our goal is to generate insights that tackle real-world challenges, generate novel solutions to real world problem, and enhance economic and societal well-being.



What do we study?

Disciplines in the College of Business

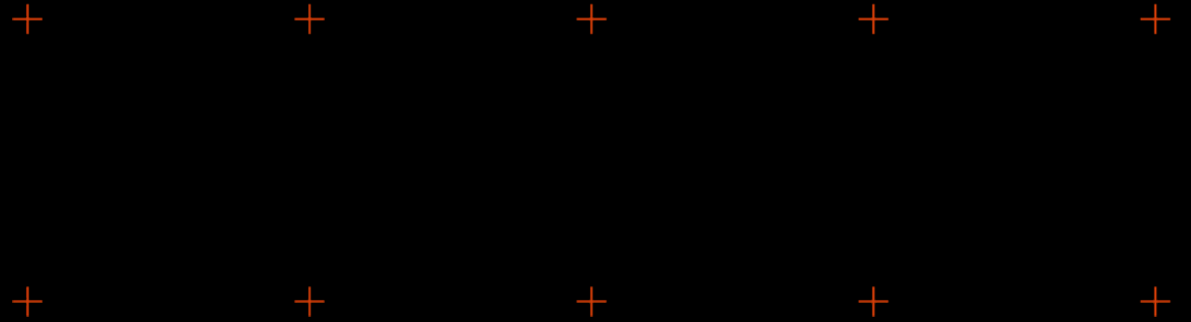
- Accounting
- Business Analytics
- Apparel Design
- Interior Design
- Design and Innovation Management
- Finance
- Information Systems
- Organizational Leadership
- Marketing
- Strategy and Entrepreneurship
- Supply Chain and Logistics Management

Recent topics of study by COB Faculty

- How artificial intelligence is reshaping hiring, leadership, and decision-making in organizations
- Strategies for building ethical, inclusive workplaces that support diverse employee experiences
- How companies can design sustainable supply chains to protect the environment and global communities
- What drives people to start businesses — and why some startups succeed while others fail
- The role of curiosity, learning, and innovation in shaping careers and organizational growth
- How consumer behavior on social media influences marketing strategies and brand loyalty
- How corporations balance profit-making with social and environmental responsibilities
- How design thinking and new technologies (like AI and 3D printing) are transforming fashion and product design

How to Get Involved in Research at the College of Business

- 1. Explore Your Interests:** Reflect on the topics, industries, or big questions that genuinely excite you.
- 2. Talk to Faculty:** Take a COB class in the area you are interested in and reach out to professors whose research areas align with your interests — they're often happy to hear from motivated students.
- 3. Make Your Case:** When you contact faculty, be clear about your interests, highlight any relevant skills (like writing, data analysis, or design), and show that you're eager to learn and contribute.
- 4. Join a Research Project:** Many faculty-led projects welcome undergraduate research assistants. Ask about opportunities to assist with data collection, literature reviews, or other project needs.
- 5. Present Your Work:** Look for chances to showcase what you've learned — through the Honors College Research Showcase, URSA Engage, student research symposia, or at a professional conference in the field.



THANK YOU.

Dr. Jay Hardy

Associate Dean for Research

Jay.hardy@oregonstate.edu

Laura Rees

Organizational Behavior

Associate Professor



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

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

Influence and negotiation (MGMT 455)

Managing Ethics and CSR (MGMT 559)

COLLEGE OF BUSINESS

Honors Faculty Research Showcase



Oregon State
University

Manuela Hoehn-Weiss

Associate Professor
Strategy and Entrepreneurship
Manuela.HW@oregonstate.edu
Austin Hall 322



Research Focus

Resource obtainment by firms:

- 1) Alliances and alliance portfolios
- 2) Resource configurations
- 3) New ventures

Teaching

- Innovation and Entrepreneurship (I&E)
- Strategic Management

Research Contexts



Jason Stornelli

Associate Professor of Marketing



jason.stornelli@oregonstate.edu

I study **self-regulation**

- I examine how people manage their feelings, thoughts, and behaviors, with the aim of helping them to act in ways that improve their life.
- I draw from the marketing, psychology, genetics, and management fields.
- I mainly carry out studies using lab experiments.

Current research

Goal pursuit

- How do we develop more effective tools to help people achieve important goals?
- When and how do they use these tools (or not use them)?

Emotions and emotion regulation

- How do consumers judge brand relationships that are related / counter to their identity?
- How can people foster mindful, wiser behaviors in their consumption and life?

Cooperation and collaboration

- When and how do genes influence whether people trust each other?
- How do people contribute to culture at work?

Teaching

- Consumer Behavior (including an Honors College section in F2026)
- Integrated Marketing Communications / Advertising Management
- Marketing Strategy Capstone (MBA/MSB)



AI Use

&

AI Talk



Ashok Kaliyamurthy

ASSISTANT PROFESSOR
COLLEGE OF BUSINESS

478 Austin Hall
kaliyama@oregonstate.edu

AREAS OF INTEREST/RESEARCH

- Use of AI
- How we talk about AI - Discourses of AI



THESIS OPPORTUNITIES

- How students use AI
- How senior citizens use AI
- How industry professionals use AI
- How AI industry PR frames AI
- How media outlets talk about AI
- How government officials talk about AI

PUBLICATIONS/JOURNALS:

[Ashok Kaliyamurthy](#) and Hope Schau | "How Algorithms Constrain Consumer Experience" | *Journal of Consumer Research* | 2025

[Full Details](#) →

Ignacio Luri, [Ashok Kaliyamurthy](#) and Matthew Farmer | ""Sometime in the future"—The technology entrepreneur as utopian market hero" | *Marketing Theory* | 2022 | View on: [Google Scholar](#)

[Full Details](#) →

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