

RE-ENVISIONING THE FUTURE:

OUR PATH FORWARD

THURSDAY, MARCH 23-FRIDAY, MARCH 24

THIS YEARS TOPICS

- Water Resources
- Climate Impacts on Food & Agriculture
- Lifestyles, Health, & Wellness
- Energy & the Environment
- Infrastructure & Transportation
- Population
- Student Engagement
- Community Partnerships & Action
- Education for Resilience
- Business & Economic Strategy



WELCOME TO CALIFORNIA STATE UNIVERSITY, CHICO!



James Pushnik

Director of the Institute for Sustainable Development

The Institute for Sustainable Development and the Associated Students of CSU, Chico would like to welcome you to our 12th annual This Way to Sustainability Conference. This year's conference theme, "Re-envisioning the Future: Our Path Forward," recognizes that we are facing global socioeconomic and environmental uncertainties, and that there is an urgent need to bring divergent perspectives together to find common voice and chart a new path into our collective future. We encourage you to join in the conversation, learn from each other, and build new friendships and professional associations. Over the next two days, we will explore collaborative possibilities, to that end we have organized conference tracks that are cross-disciplinary, investigating where environmental, cultural, economic, and social concerns intersect. It is here that we must cultivate a cooperative approach that will develop sustainable strategies for our common good.

LEGEND



Keynote Speakers



Community Partnerships and Action



Lifestyles, Health, and Wellness



Featured Films



Educating for Resilience



Population



Business and Economic Strategy



Energy and the Environment



Water Resources



Climate Impacts on Food and Agriculture



Infrastructure and Transportation



Student Engagement

REGISTRATION

All participants must register for the conference before attending any conference sessions or events.

THURSDAY 8–2PM

Bell Memorial Union (BMU) Lobby and Auditorium

You are invited to share a continental breakfast with us in the BMU Auditorium. Bring your own coffee mugs and be entered into our Caught You Being Green raffles!

This year there will be a second location for some conference events and activities in Colusa Hall (CLSA). Be sure to check out the schedule and campus map in advance if you are not familiar with the campus.

FRIDAY 8–2PM

This year, Friday only, there will be two new locations for conference check-in:

- **Bell Memorial Union (BMU) Galleria** —still at the 2nd Street entrance, but this is the open area mall between the Wildcat Bookstore and the Food Services area. We will have registration tables set up between 8 a.m.–2 p.m.
- **Colusa Hall (CLSA) Atrium** —check out the campus map in advance if you're not familiar with the campus. There will be events and activities going on at Colusa Hall during the conference.

THURSDAY, MARCH 23 AT A GLANCE • CONFERENCE SCHEDULE

8–10 AM	Continental Breakfast	BMU Auditorium
8 AM–2 PM	Registration	BMU Lobby
8–11 AM	Group Exhibitor Space	Colusa Hall Room 100B
9–11 AM	Green Career Panel	Colusa Hall Room 100A
9–9:45 AM	Concurrent Sessions	BMU & Colusa Breakout Rooms
10–10:45 AM	Concurrent Sessions	BMU & Colusa Breakout Rooms
11 AM–12 PM	Keynote Speaker: Tom Newmark	BMU Auditorium
12–1 PM	Lunch on the Town	(See page 4 for details)
1:15–2 PM	Concurrent Sessions	BMU & Colusa Breakout Rooms
1:15–3 PM	Short Film Series—Part 1	Colusa Hall Room 100A
2:15–3 PM	Community Forum	Colusa Hall Room 100B
2:15–3 PM	Concurrent Sessions	BMU Breakout Rooms
3:30–5 PM	Keynote Speaker: Mary Wood	BMU Auditorium
5:30–9 PM	Private Speaker Reception	(Private—RSVP required)

FRIDAY, MARCH 24 AT A GLANCE • CONFERENCE SCHEDULE

8–10 AM	Continental Breakfast	Colusa Hall Room 100B
8–11 AM	Greenie Displays & Voting	Colusa Hall Room 100B
8 AM–2 PM	Registration—Two Locations	BMU Galleria & Colusa Hall Atrium
9–9:45 AM	Concurrent Sessions	BMU & Colusa Hall Breakout Rooms
9–10:45 AM	Featured Film: Time to Choose	BMU 203
10–10:45 AM	Concurrent Sessions	BMU & Colusa Hall Breakout Rooms
11–11:45 AM	Concurrent Sessions	BMU & Colusa Hall Breakout Rooms
11–12 PM	Short Film Series—Part 2	BMU 203
11:45 AM–12:45 PM	Lunch on the Town	(See page 5 for details)
1–1:45 PM	Concurrent Sessions	BMU & Colusa Hall Breakout Rooms
2–3 PM	Keynote Speakers: Marc Schlossberg & Jessica Barlow	Colusa Hall Room 100 A & B
3:30–5 PM	Keynote Speaker: Dune Lankard	Colusa Hall Room 100 A & B

CLSA 100B

During the conference this year, some of our sustainability partners and speakers will participate in our Exhibitor Fair at Colusa Hall from 8-11 AM This provides an excellent opportunity for sustainability groups to share projects and ideas, collaborate on available resources, and to engage participants on a deeper level in programs and activities they are involved in.



The Stream Team.org
California Urban Streams Alliance

California Urban Streams Alliance: The Stream Team—Chico

The Stream Team’s mission is to gather useful environmental information needed to protect the ecological health of the Big Chico Creek watershed, while engaging the local community in effective watershed stewardship.



CALIFORNIANS FOR POPULATION STABILIZATION

Californians for Population Stabilization—Santa Barbara

Californians for Population Stabilization (CAPS) works to formulate and advance policies and programs designed to stabilize the population of California, the US and the world at levels which will preserve the environment and a good quality of life for all. Our motto is “it’s not about who, but how many.” We hope that together we can save some America for tomorrow.



CLIC: Environmental Advocates—Chico

We promote environmental quality through education and advocacy. Interns are actively involved in local, regional, and global issues. Environmental Advocates is comprised of interns who share a concern for environmental quality and a willingness to work toward safeguarding the environment.



Deep Green Resistance—Santa Barbara

Deep Green Resistance (DGR) is an analysis, a strategy, and the only organization of its kind. As an analysis, it reveals civilization as the institution that is destroying life on Earth. As a strategy, it offers a concrete plan for how to stop that destruction. As an organization, DGR is implementing that strategy. The goal of DGR is to deprive the rich of their ability to steal from the poor and the powerful of their ability to destroy the planet. This is a vast undertaking but it needs to be said: it can be done. Industrial civilization can be stopped.



Equal Exchange—Portland, Oregon

Established in 1986, Equal Exchange is a worker owned cooperative that builds long-term trade partnerships that are economically just and environmentally sound. At this event I’ll be sampling fair trade, organic snacks sourced from the small farmer cooperatives with whom we partner.



From the Ground Up Farms, Inc.—Chico

From The Ground Up Farms, Inc. in Chico is a non profit organization founded in 2013 after realizing how critical good nutrition and organic food was. We realized that our community has a serious food security issue. We don’t believe healthy organically grown food should be a luxury only the wealthy can afford. A group of local farmers, educators, artists, and activists have come together to establish a nonprofit organization dedicated to bridging the nutritional gap through nutrition education and community gardening.



Little Peaces: Chico Sustainable Art—Chico

This artist practices “mindful art” to create a variety sustainable art pieces, which have been featured in art shows at The Sweet Spot, Chico Arts Center, 1078 Open Gallery, and Idea Fablabs. Her goal is to recycle and upcycle as much as she can and use what she has found to create meaningful and symbolic art. On display will be some small sculptures and pieces for the public to view. The artist will be giving away hand-painted rocks for free as a token of appreciation to the community while supplies last.

SUSTAINABILITY EXHIBITORS FAIR CONTINUED



North State Benefits Enrollment Center at the Center for Healthy Communities—Chico

The North State Benefits Enrollment Center at the Center for Healthy Communities helps low-income older and disabled adults maintain independence and healthy aging. We provide outreach and application assistance for these populations to access benefits that help pay for food, utilities, and medical expenses.



Organic Vegetable Project, College of Agriculture, CSU, Chico—Chico

After several years of planning and collaboration, CSU, Chico's Organic Vegetable Project completed its first year of harvest in 2008. The project started out small with just one acre of the available 10-acre certified organic plot in production currently. Produce is served seasonally to campus diners through Associated Students Food Service. It is also sold seasonally at a weekly produce stand on campus. The collaboration brings together students, faculty, local farmers, and other community members who intend to promote the wise use of resources and preservation of local food production.

SPECIAL EVENTS

THURSDAY 9–11AM



Green Career Panel: Chico State Alums

CLSA 100A

Interested in pursuing a green career once you graduate from college? Join us for a panel discussion featuring a number of CSU, Chico alums who have been working in sustainability in the private sector and in government since graduating. Come hear their stories and get insider tips on pursuing a career in the diverse field of sustainability professionals! All of our panelists graduated from Chico State in the past ten years—with degrees in a range of disciplines—and all were involved in campus sustainability programs during their time here. These people have gone on to become young leaders in their fields and are working hard to advance sustainability in their communities, regions, and the world.

THURSDAY 11AM–12PM



BMU
Auditorium



Tom Newmark

Co-owner of Finca Luna Nueva Lodge

Viewing the Agricultural System through a Carbon Lens

Tom Newmark spent fourteen years in the natural products industry, helping to build New Chapter into a premier brand in the natural retail channel. Proctor & Gamble purchased New Chapter about four years ago, and since that time Tom has focused on environmental activism with specific attention on regenerative agriculture. Tom is the co owner of Finca Luna Nueva Lodge, a Demeter-certified Biodynamic farm and Eco lodge in Costa Rica that teaches regenerative agriculture.

THURSDAY 12–1PM



Lunch on the Town

In collaboration with downtown Chico restaurants and merchants, we have organized lunch meeting locations for our participants to connect with other conference attendees to create opportunities for deeper engagement and to encourage collaboration. Check at registration for participating restaurants.



BMU Auditorium



Mary Wood

University of Oregon School of Law

The Youth’s Climate Crusade: Atmospheric Trust Litigation in Courts Around the World

Mary Wood is the Philip H. Knight professor of law at the University Of Oregon School Of Law and the faculty director of the school’s Environmental and Natural Resources Law Center. She will talk about a climate litigation approach she originated called “Atmospheric Trust Litigation.” Spearheaded in courts by the group Our Children’s Trust, the litigation aims to force government to reduce carbon dioxide emissions before the planet crosses irrevocable tipping points.

FRIDAY 8–11AM



CLSA 100B

Greenie Displays & Voting

This year we will have **cash awards** for the winning student groups so make your vote count! Awards will be presented starting at 11 AM in Colusa Hall Rm 100B.

K–12 Schools

Northern California K–12 student groups will display their campus sustainability projects where conference participants will have the opportunity to vote for the best!

Higher Education CSU Student Groups

CSU campus groups will display their campus sustainability projects where conference participants will have the opportunity to vote for the best!

FRIDAY 9–10:45AM



BMU 203



Featured Film: Time to Choose

Academy Award-Winning documentary filmmaker Charles Ferguson (*Inside Job, No End in Sight*) turns his lens to address worldwide climate change challenges and solutions in his new film, *Time to Choose*.

Ferguson explores the comprehensive scope of the climate change crisis and examines the power of solutions already available. Through interviews with world-renowned entrepreneurs, innovators, thought leaders, and brave individuals living on the front lines of climate change, Ferguson takes an in-depth look at the remarkable people working to save our planet.

FRIDAY 11:45AM–12:45PM



Lunch on the Town

In collaboration with downtown Chico restaurants and merchants, we have organized lunch meeting locations for our participants to connect with other conference attendees to create opportunities for deeper engagement and to encourage collaboration. Check at registration for participating restaurants.



CLSA 100



Marc Schlossberg
University of Oregon

An Epic Approach to Sustainability

In this presentation, Marc and Jessica will describe the Educational Partnership for Innovation in Communities framework. The EPIC Framework is a large-scale university-community partnership designed to accelerate the implementation of sustainable practice at the community level while training the next generation of leaders and community members. This model began in 2009 at the University of Oregon and is now being implemented worldwide among 27 universities, including CSU, Chico.



Jessica Barlow
San Diego State University

FRIDAY 3:30–5PM



CLSA 100



Dune Lankard
*Center for Biological Diversity
Alaskan Representative*

Climate Changes Everything for Everyone: Observations and Predictions from an Alaska Native and Commercial Fisherman

Dune Lankard, Alaskan Representative for the Center for Biological Diversity joins us to discuss the impacts of climate change on the 31 rural villages that call the Alaskan coast their home. Communities, wildlife, and sea life have all been threatened to the point that several key species are being listed on the endangered species list and having to move elsewhere and adapt or risk being erased from existence. So the question is: What can we do in a polarized political climate? What policies and laws should be strengthened or changed so we humans can adapt and build resilient communities and economies for our survival and for the survival of endangered species?

CONCURRENT SESSIONS

THURSDAY 9–9:45AM

Sustainability Exhibitors Fair 8–11AM

CLSA 100B: See page 3 for full details.

Green Career Panel 9–11AM

CLSA 100A: See page 4 for full details.



Prototypes of Regenerative Landscapes

Brett Milligan, UC Davis Department of Human Ecology

BMU 203 This presentation will illustrate several designs and proposals for regenerative landscapes in California’s Delta; a region radically transformed by the United States first wave of industrial infrastructure. Common to the design and planning of all these projects is a synthetic landscape approach attempting to reconcile multiple goals and agendas.



STARS (Sustainability Tracking Assessment and Rating System)

Jayshree Wasnik, Office of Sustainability CSU, East Bay

BMU 204 The Sustainability Tracking, Assessment and Rating System (STARS) is a transparent, self-reporting framework for colleges and universities to measure their sustainability performance. STARS encompasses long-term sustainability goals for already high-achieving institutions as well as entry points of recognition for institutions that are taking first steps toward sustainability.



The Public Charter School Learning Garden and Kitchen

Richard Hirshen and Michelle Yezbick, Sherwood Montessori Charter School

BMU 209

Sherwood Montessori public no-tuition K-8 charter school here in Chico has a Garden-Kitchen and Cookbook Publishing Program run by leader Chef Hirshen. He and Director Yezbick will be discussing the school garden process/paradigm and how it fits into a sustainable education (and Montessorian) model.



Harvesting Hope and Growing Resourcefully

Jim Maythys, Jesus Center Community Farm and Laurie Niles, Grub Education Program

BMU 210

Grub Education Program has been offering support and bringing new community members to engage in supporting the Jesus Center Community Farm, which has in turn created new partnerships and new pathways forward for both nonprofit organizations on their paths to provide fresh food access, and sustainable environmental justice.



The Importance of Natural Reserves in Conservation, Education and Research

Donald G. Miller and Colleen Hatfield, Department of Biological Sciences at CSU, Chico

BMU 211

Natural reserves play a critical role in education and scientific research. Miller and Hatfield have studied ecological succession at CSU, Chico's Big Chico Creek Ecological Reserve, focusing on chaparral species recovering in the wake of fire. Their study shows how natural reserves facilitate understanding of the importance of fire in Mediterranean climates.



Watershed Connections

Natalie Carter, Butte Environmental Council

BMU 303

This fun activity will show how the components necessary for sustaining a healthy watershed are interconnected in complex ways, and become more or less manageable depending on which decisions we make as consumers and as citizens.



Biomimicry and Biophilic Design—Inspiration from Nature

Susan Rainier, Eagle Consult and Neil Steiner, Living Building Challenge

BMU 312

Turn your observations of nature into creative solutions for human challenges. Elevate your ability to discover nature's genius and use it as the special ingredient for innovation. Rainier and Steiner will teach a method for going beyond simply appreciating nature to actually tapping into its successful strategies to elevate the way they approach and solve human challenges.



Carbon Pricing Compared with Investment Tax Credits to Address Solar Profitability

John Schaefer, Citizens Climate Lobby

BMU 314

As global temperatures rise, pricing carbon dioxide emissions is the best way to arrest climate change. Theory and practice show that carbon pricing does reduce emissions. This presentation addresses carbon pricing compared to existing investment tax credits promoting solar electricity. Challenges and Citizens Climate Lobby's strategy will be addressed.



Resources for Healthy Aging

Alicia Bedore and Judy Hamamoto, Center for Healthy Communities at CSU, Chico

CLSA 111

The North State Benefits Enrollment Center was established to improve the health and economic security of older adults through outreach and assistance in applying for benefits helping with food, utilities and medical expenses. Bedore and Hamamoto will discuss the importance of CalFresh and the economic, social and environmental factors of the program.



Regenerating Landscapes with Appropriate Holistic Planned Grazing Practices

Cindy Daley, Regenerative Agriculture Initiative at CSU, Chico

BMU 203

Well-managed grazing practices stimulate improved plant growth, increased soil carbon deposits, and overall pasture and grazing land productivity while greatly increasing soil fertility, insect and plant biodiversity, and soil carbon sequestration as the most critical elements of regenerating livestock and farming systems. These practices not only improve ecological health, but also the health of the animal and human consumer through improved micro-nutrients availability and better dietary omega balances.



Rethinking Weeds

Sherri Scott, GRUB Grown

BMU 204

Working with plants as a gardener, farmer, nurserywoman, and plant medicine advocate over the years, Scott has been rethinking her relationship with weeds. Formerly, she waged war on them (as a sucker of the chemical companies campaign) and through observation and education has come to an appreciation of what they can offer.



Ready? Set? Game On!—Let’s Kahoot! It

Gina Matibag Dossin, Division of Academic Affairs at CSU, Channel Islands

BMU 209

Get interactive with Cls 6 Degrees of Green. Attendees will be Kahoot!ing into sustainability by testing his/her knowledge about environmental themes and ideas. The activity, using Kahoot!, is meant to engage awareness of students, staff, faculty, and guests on their environmental footprint and how everyday choices impact the environment. Participants are encouraged to bring their smart phones or tablets for the activity portion of this workshop.



South Campus Neighborhood Urban Forest Inventory—a Picture of Diversity

Colleen Hatfield, Department of Biological Sciences at CSU Chico and Fletcher Alexander, The Institute for Sustainable Development at CSU, Chico

BMU 210

As part of the South Campus Neighborhood Project, classes in the College of Natural Sciences conducted an inventory on the existing conditions of the urban forest within the South Campus study area. A total of 85 species represented by 904 individuals were documented for current status and safety considerations.



The Sustainable Groundwater Management Act and the Sacramento River Hydrologic Region

Alison Divine, Community Legal Information Center and Natalie Carter, Butte Environmental Council

BMU 303

The Sacramento River Hydrologic Region lies within 11 counties in the Northern California/Sacramento Valley area. A close look at California’s Sustainable Groundwater Management Act and the efforts being taken in these counties to comply with it shows a complex range of management styles.



Sacramento Valley Strong: Photo Essay

David Linville, Sacramento River Trust and Dayne Gradone, Department of Anthropology at CSU, Chico

BMU 304

This project will depict current environmental circumstances resulting from the Central Valley Projects modification of the Sacramento River. This project will collect stunning visual representation of the engineering marvels of the Central Valley Project; also portraits and stories from activists, experts, farmers and anglers, and politicians familiar with the river.



Population Growth: Roadblock to Sustainability

Dick Schneider, Californians for Population Stabilization

BMU 312

Most approaches to sustainability involve reducing consumption by making more efficient use of resources. Indeed, reducing consumption is a necessary part of achieving sustainability, but it is not sufficient. Population growth must also be addressed. World, US, and California population growth will be described with a presentation of ways to reduce growth.



Taking the Power Back: Tools and Techniques to Help Your Elected Officials Hear Your Voice

Zach Herrnstadt, Active Community Member

BMU 314

Direct communication with our legislators can be an effective way to advocate for policies that support sustainable practices. Yet, reaching out to legislators can be intimidating, especially for those with limited experience in doing so. This presentation provides some tools for engaging with legislators at the local, state, and federal level.

Keynote Speaker THURSDAY 11AM–12PM



Viewing the Agricultural System through a Carbon Lens

Tom Newmark is board chair of the American Botanical Council, the co-founder and board chair of The Carbon Underground, board chair of the

BMU Auditorium



Tom Newmark
Co-owner of Finca Luna Nueva Lodge

Greenpeace Fund USA, Co-founder and steering committee member of Regeneration International, and was the founder and board chair of Sacred Seeds, an international conservation project now administered by United Plant Savers. Newmark’s presentation will focus on how agricultural practices impact climate change and food security.

See page 4 for more details.

Lunch on the Town 12–1PM

See page 4 for full details.



Regenerative Agriculture and Carbon Smart Farming

Tim LaSalle, Regenerative Agriculture Initiative at CSU, Chico

BMU 203

We have overshoot our planet's capacity for sustainability strategies. We have only one option, and that is to rapidly regenerate that which underlies our life here on planet Earth—our soils. Too much carbon in the atmosphere heats our planet beyond the capacity for it to sustain life as we know it. Too much carbon in the oceans acidifies them making them unfit for the life balances that have evolved through the millennia. But returning much of this lost carbon to the soil will not only mitigate the destructive aspects it causes in the atmosphere and the ocean, it will improve and cleanse our water cycles, add fertility and life to the soils, and build climate resilience into farmed and grazed lands. We are calling this life giving—lifesaving—strategy, Regenerative Agriculture, which describes farming and grazing practices that reverse climate change by rebuilding soil carbon levels while also restoring degraded soil biodiversity.



Civil Resistance Activism

Chris Nelson, Occupy Beale AFB

BMU 204

An activist slide show on the risks and benefits of organizing around the US with the goal of energizing and informing those who are discouraged or uninformed about the possibilities of sustainable social change.



Engaging a Campus for Sustainable Change

Jericho Apo, Darnell Harper, Logan Slattery, and Yvezee Lapada, Office of Sustainability at CSU, East Bay

BMU 209

Working with Cal State East Bay's Office of Sustainability, four Sustainability Ambassadors shared a goal of engaging their campus through projects that effectively motivated students and faculty to take an interest in sustainability. Learn how they used tools from social media to office assessment programs to promote sustainability at California State University, East Bay.



The Circle of Sustainability

Jenny Lowrey and Jason Romer, From the Ground Up Farms, Inc.

BMU 210

From The Ground Up is an organization that promotes sustainability by cultivating community gardens. Their gardens are not only a source of produce for access challenged populations, but they are also outdoor classrooms for life skills training ranging from food production and preparation to nutrition, exercise, economics, and environmental science.



Sustainability and Citizenship: New Initiatives at Chico State

Fletcher Alexander and Taylor Herren, Institute for Sustainable Development at CSU, Chico

BMU 211

The Institute for Sustainable Development at CSU, Chico has recently launched three new initiatives that bring together faculty from wide-ranging disciplines with campus, community and private industry partners to explore and develop solutions to some of the most pressing sustainability challenges facing our campus, community, and region.



Climate Change Mitigation: How Can We Reduce Global Warming and Its Effects?

Stephen Feher, Sustainable Community Development Institute

BMU 303

Feher will review progress made toward sustainability goals during 2016, but will also assess the likelihood of continued global warming beyond the 20C Global Warming Limit (GWL) goal set at the Paris Climate Conference in December 2015. She will focus on the danger of sea level rise as the most direct threat to sustainability for large areas of Earth and the affected population. In addition, she will outline a geo-engineering solution concept to stop sea level rise.



Small Farmers, Sustainability, and Social Justice in Global Agricultural Supply Chains

Jenica Caudill, Equal Exchange

BMU 304

Join Equal Exchange worker-owner and CSU, Chico alumna Jenica Caudill and discover the transformational contributions that small-farmer cooperatives are making in the world of sustainable and regenerative agriculture, and the relevance of this work in strengthening autonomy and growing social justice.



Population, Consumption, Overshoot

Ben Zuckerman, Californians for Population Stabilization

BMU 312

The biosphere is under assault by humans and by our domesticated animals (livestock and pets). This presentation will consider the human populations of the world, the US, and California and how (over)consumption is growing, and what we as individuals can do to mitigate our environmental impacts.

Earn Raffle Tickets to Win Great Prizes!

- Like us on Facebook
- Share our page
- Follow us on Instagram
- Follow us on Twitter
- Post pictures of yourself at the conference

Go to the Raffle Booth near registration to collect your tickets—up to 5 raffle tickets per person/day.

CONCURRENT SESSIONS: THURS 1:15–2PM



CSU East Bay: Three-Part Presentation

Johnathan Villarreal, Jose Luigi Madrid, and John Zamora, Office of Sustainability at CSU, East Bay

BMU 314

Part One: Carpools: Making the Pros Outweigh the Cons by Jonathan Villarreal

This presentation discusses the marketing and promotional tactics used to promote a carpool program at a commuter college and how to provide additional incentives to drivers and riders.

Part Two: Transportation Culture by Jose Luigi Madrid

This presentation will bring light to the issues of transportation culture in universities and how it affects the climate.

Part Three: East Bay Life—a Community Living Guide to the Bay Area by John Zamora

College students all have their favorite eatery or place to visit on campus or in the surrounding town. How did they get to know these places? They took a chance. Zamora will discuss how to get new students to do just that.



Gardening: The Little-Known Path of Effective Activism

Pamela Spoto and James Collins, Shasta College

CLSA 111

Spoto and Collins will explore the simple wisdom of food as medicine and the many benefits of gardening as one of the highest and most effective forms of activism. They will cover how enlightened gardening provides practical pathways of activism, sustainable resilience, optimal wellness, and spiritual development, demonstrating how self-reliance is seditious.

Short Film Series

1:15–2PM



Mechoopda, Land of Our Own, Documentary

Jenni Miller, David Linville and Clara Buchholtz, Department of Anthropology at CSU, Chico

CLSA 100A

The Mechoopda people have lived in the Chico area long before it was ever called by that name. This film allows Mechoopda native individuals to share their history in their own words, highlighting the important connection between land, identity, and health.

Short Film Series

2:15–3PM



Part One: Introduction to the Respectful Revolution Project

Gerard Ungerman and Stacey Wear, Respectful Revolution, and Lee Altier, Department of Agriculture at CSU, Chico

CLSA 100A

With over 200 individual video portraits online of Americans from all walks of life who explain how and why they are each contributing in their own ways to making the world a better place, RR is an invaluable source of inspiration for social and environmental activists. Besides providing strict information, RR offers tangible examples of the “Power of One”: how people can effect meaningful change around themselves by believing that they can fix a little something (or a big something) that they are passionate about and just doing it.

Part Two will be held on Friday in the BMU Room 203 at 11AM

Community Forum

2:15–3PM



The Future of Wild Places

Susan Tchudi, Environmental Coalition of Butte County, Janine Rood and Thad Walker, Chico Velo, Natalie Carter, Butte Environmental Council, Woody Elliott, Friends of Bidwell Park, Dawn Garcia, Altacal - Audubon Society, and Lucas RossMerz, Sacramento River Preservation Trust

CLSA 100B

Five environmental leaders, members of the Environmental Coalition of Butte County, will participate in a discussion of the future of wild spaces from multiple perspectives. They will discuss maintaining ecological health and recreational access in Bidwell Park and the Sacramento River through comprehensive public planning and habitat protection and restoration.

CONCURRENT SESSIONS: THURS 2:15–3PM



EnviroAtlas: A Tool for Guiding Environmental Decision Making and Planning

BMU 203 *Laura Bloch and Jose Zambrana, US EPA*

EnviroAtlas provides interactive resources for exploring the benefits people receive from nature or ecosystem goods and services (EGS). EGS are critically important to human health and well-being, but they are often overlooked. EnviroAtlas allows users to access, view, and analyze diverse information to better understand the potential impacts of various decisions.



Ecosystems, ‘Services,’ and Their Economic Valuation—What You Need to Know!

BMU 204 Garrett Liles and Jude Bayham, Department of Agriculture at CSU, Chico

This presentation will introduce the concept of ecosystem services and economic valuation of nonmarket goods in agriculture. Liles and Bayham will highlight emerging opportunities for land managers to adopt management practices that promote multiple benefits and healthy functioning ecosystems.



Climate Change—Where Are We at and What Can You Do?

BMU 209 Chico 350 will strive to inform us on what’s causing climate change, where we’re at now and where we’re likely heading, and what each of us can do to be part of the solution.



Credentials that Make a Difference

BMU 210 Jill Ortega and Timothy Sharkey, Sustainability Management Association, CA Chapter 1
The Sustainability Management Association (SMA) is an organization dedicated to widely disseminating the knowledge, skills, and abilities of professionals who manage with sustainability in mind and was founded right here at Chico State.



Project REGen (Rice-hulls as Energy Generation): Achieving Sustainability Through Use of Rice Hulls

BMU 211 Maria Elena Anguiano and REGen Interns, MESA at Butte Community College

Interns present on the progress of the newest ongoing applied research project at Butte College by the Mathematics Engineering Science Achievement (MESA) Program. Currently, they are completing research focused on the pyrolysis of rice hulls, as well as, the production of biochar. They will discuss research findings and practical applications of this sustainable technology.



University of Hawaii at Manoa: Sustainable Infrastructure, an Opportunity for Doing More with Less

BMU 303 Adam Woltag, WRNS Studio
University of Hawaii, Manoa (UHM) must evolve its facilities to address climate change, changing learning models, and more within severe financial constraints. With \$800 million in deferred maintenance costs and a mandate to achieve NZE by 2035 and NZW by 2050, UHM is turning these challenges into opportunities with integrated planning.



Building a Conservation Community to Support Regenerative Agriculture

BMU 304 Jeffery Mitchell, Department of Plant Sciences at UC Davis

Jeff will present on research investigating soil/plant water relations, organic amendment, and the effect of crop rotation on soil and environmental quality in vegetable cropping systems. This talk will also focus developing a cooperative path forward for farmers to regenerate soils while supporting food and fiber production.



The Stream Team Clean Water Science Ambassador Program

BMU 312 Timmarie Hamill, California Urban Streams Alliance—The Stream Team

The Stream Team links local environmental resource management efforts with the educational needs of local schools through their Science Ambassador program in Butte County schools. Students participate in experiential outdoor classrooms, which provide extensions of topics being covered in their classroom lessons, to develop concrete understanding of the ecological values watersheds provide, while also gaining the skills necessary to become effective leaders and environmental stewards.



Sustainable Consultations of Office Practices (SCOOP)

BMU 314 Skyler Roe, Institute for Sustainable Development at CSU, Chico—SCOOP Team

Discussing progress the club has made since its founding year in 2007, including the audit process, how offices are awarded, past offices on campus that have benefited from the process, what the club plans to do in the future, and an interactive game to teach the audience about SCOOP’s process.

Keynote Speaker

THURSDAY 3:30–5PM



BMU Auditorium

The Youth’s Climate Crusade: Atmospheric Trust Litigation in Courts around the World

Mary Wood is the Philip H. Knight professor of law at the University Of Oregon School Of Law and the faculty director of the school’s Environmental and Natural Resources Law Center. She will talk about a climate litigation approach she originated called “Atmospheric Trust Litigation.”



See page 4 for more details.

Mary Wood
University of Oregon School of Law

Greenie Displays & Voting

8–11AM

CLSA 100B: Voting takes place at 11:00AM

See page 5 for full details.

Featured Film

FRIDAY 9–10:45AM



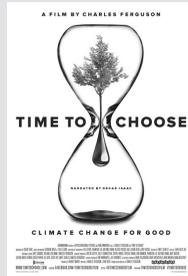
Time to Choose Film

BMU 203

Academy Award-Winning documentary

filmmaker Charles Ferguson (*Inside Job, No End in Sight*) turns his lens to address worldwide climate change challenges and solutions in his new film, *Time to Choose*.

See page 5 for full details.



Youth Climate Leadership Off Campus

BMU 204

Kevin Killion, Butte Environmental Council

This presentation will create a space for participants to engage in a collective discussion about youth leadership off campus and will discuss the varying paths that exist and are being created, with an emphasis on getting people plugged into community.



Not Just for Food: Local Agriculture as Therapy

BMU 209

Lee Altier, College of Agriculture at CSU, Chico and Veronica Van Cleave, Nutrition and Food Sciences at CSU, Chico

Local agriculture can contribute to the local economy and enhance environmental quality. It can also enhance social sustainability by contributing to the physical and mental well-being of communities. A new course at Chico State offers students experience working with people with special needs. This session will be a forum for student and audience discussion, and it will provide a glimpse into the opportunities for local small-scale agricultural programs to provide therapeutic activities.



Robyn Perry, Carol Trost and Cerys Evans—Two-Part Presentation

BMU 210

Part One: The Wonderful World of Compost in a University Setting by Robyn Perry and Carol Trost

At CSU, East Bay, we researched an on-campus compost system that pools food waste from on-campus dining areas, paper towels from restrooms, and trimmings from landscaping. Our campus plan will be presented, issues and hurdles will be discussed, and a Q & A session will follow.

Part Two: Cal State East Bay: Food Insecurity among Students by Cerys Evans

This presentation will explore Cal State East Bay students needs surrounding food and housing insecurities, and how the campus is designing methods to provide support and relief. The food pantries on both the Hayward and Concord campus seek to provide food for students in need. The Hayward pantry is working in collaboration with the Dining Commons and Alameda County Food Bank to give students the support they need to succeed academically.



Stormwater Biofiltration Systems: Performance Monitoring and Design Considerations

BMU 211

Sandrine Matiasek and the EPA P3 Student Team, Department of Geological and Environmental Sciences at CSU, Chico

Students involved in an EPA P3 grant monitored local stormwater bio filters and investigated key design criteria for sustainable biofiltration systems to slow down urban storm runoff and mitigate the adverse effects of its contaminants. This assessment informed design guidance for this urban green water infrastructure.



Sustainability and Service-learning: Educating Students to Promote, Connect, and Organize Sustainability

BMU 303

Emily Acosta Lewis and Paul Draper, Sonoma State University

Effective communication is an essential part of coordinating campus sustainability efforts. The partnership between PR course and Sustainable SSU integrates sustainability into the curriculum by developing student skills in communicating sustainability efforts. This course utilizes a service-learning approach by using the idea of sustainability as an additional text within the course.

CONCURRENT SESSIONS: FRIDAY 9–9:45AM



Homegrown: Environmental Justice through Community and Climate Solutions

BMU 304 Bailey Hall, Bay Area Community Resources

California's Central Valley is home to some of the country's most polluted air and under-served communities. An opportunity to alleviate this injustice lies in the community outreach performed by Climate Corps AmeriCorps Fellows. After evaluating their creative climate solutions, we'll explore what it means to cultivate a resilient, sustainable community.



Energy Permaculture

Fred Klammt, WinSol

BMU 312 Every location has available natural energy. Energy permaculture provides a process to harness this free energy. Identifying available energy and matching it to daily energy needs, one can balance supply and human demand with minimal storage. This presentation will show the detailed process and project examples.



Bean to Cup: Coffee and Sustainability

Elizabeth Goldblatt, Six Degrees Coffee & Fair Trade USA

BMU 314 Join our discussion on the current state of the coffee industry, what sustainability means and how our choices impact farmers around the world. Coffee aficionados will learn more about coffee production and how consumers can affect global changes and the availability of quality specialty coffee in the future.



Green Engineering Design: Incorporating Sustainability into Undergraduate Education

CLSA 110 *Pablo K. Cornejo, CSU, Chico*

Increasingly, engineers must approach problems considering economically viable, socially just, and environmentally sustainable solutions. This presentation describes a new green engineering design course developed at California State University, Chico. This course provides students with a sustainability framework to approach engineering problems considering the triple bottom, i.e., economic, social, and environmental issues.



Food Not Lawns: Creating an Edible Landscape

LaDona Knigge, Department of Geography and Planning at CSU, Chico

CLSA 111 After attending a Food Not Lawns session at 2009 TWTS conference, I transformed my shabby front lawn into a highly productive edible landscape that is a source of food and personal well-being. This session will show the steps that were taken and discuss water usage, resiliency, and self-sufficiency.

CONCURRENT SESSIONS: FRIDAY 10–10:45AM



Are We There Yet?

Derek Warnken, Deep Green Resistance

BMU 204 Are we actually heading towards sustainability? All major indicators of environmental health say no. Deep Green Resistance is here to outline why we currently head towards the dead end of ecological collapse, and what we can do to actually save the planet before it is too late.



Mindful Eating Workshop

Ana Marie Guerrero and Abby Lourenco, Dining Services at UC Davis

BMU 209 The practice of mindful eating can strengthen our understanding of our food system as well as benefit our personal wellbeing and health. Practicing mindfulness can help us acknowledge the emotion in eating, reduce food waste, and increase our appreciation for our food and where it comes from.



Integrated Curriculum in the Sustainability Pathway – Students Examine Their Climate Beliefs and Practices

BMU 210

Rachel Teasdale, Department of Geological and Environmental Sciences at CSU, Chico, and Bruce Grelle, Comparative Religion and Humanities at CSU, Chico

Sustainability Pathway courses use new Integrate curriculum that personalize sustainability issues. Activities reveal that students have higher climate concern than national averages, but their attitudes towards changing water use are more similar to national averages. We will explore disparities between personal concerns and habits in the context of student learning.



Food Insecurity in a Food-Rich Landscape: The Challenges of Establishing a Food System That Ensures Nutritious Food for Everyone

BMU 211

Julie Estep, Cultivating Community North Valley and Jenny Breed, Center for Healthy Communities

What impedes access to fresh, nutritious food in the midst of our diverse landscape of agricultural production? From years of experience working with Cultivating Community North Valley and the Center for Healthy Communities, the presenters will discuss the best opportunities for alleviating food insecurity in our region and how people can support efforts to provide fresh healthy food for all.

CONCURRENT SESSIONS: FRIDAY 10–10:45AM



BMU 303

A Moving Imagination: Exploring an Eco–Social Justice Framework Through a Mutual Engagement Across Institutional Contexts

Erin Whitney and Annie Adamian, School of Education at CSU, Chico

In this panel presentation, we will explore an educational framework for social and ecological justice that integrates diversity, democracy, sustainability, and inclusion. We will be sharing elements of an ecojustice framework that may be useful in considering the ways that educators, policy makers, and community members might work to create more sustainable and equitable communities.



BMU 304

Stone Edge Farm Microgrid Project

Ryan Stoltenberg, Wooster Engineering

Located in Sonoma, Stone Edge Farm is a 16-acre farm and vineyard. This project will internally connect seven metered services as an isolated electrical grid, integrating various forms of distributed generation and storage with real time monitoring and control while working with PG&E and other local energy distribution companies.



Art as Resistance: Conveying Your Message Through Art

Abbas Mohamed, GAMA, and Zara Sheikh, Artist

Join GAMA in this interactive workshop to explore art and creativity as a mode of resistance. How can we use our creative spirits to convey our messages effectively and stand up for what we believe in?



BMU 314

Food Recovery: Addressing the Food Insecurity and Climate Disruption Nexus

Kathleen Koscielak, Humboldt State University

One in five Humboldt State University students self-identify as food insecure; meanwhile, HSU needs to reduce GHG emissions to meet a 2030 carbon neutrality goal. This presentation highlights replicable strategies to reduce over-prep, donate leftovers, vermi-compost remaining food waste, and mobilize the campus to strengthen food security while curbing emissions.



CLSA 110

Dear World: Personal, Social, and Academic Crossings in First-Year Composition

Emily Seder, Sonoma State University

If you had one story to share with the world, what would you say? This presentation shares one Composition Instructors story of interdisciplinary crossings; a journey toward critical service-learning using the award-winning portrait project, Dear World, as a vessel for student exploration of social justice in their writing, community, and world.

CONCURRENT SESSIONS: FRIDAY 11–11:45AM



BMU 204

True Grit: Student Empowerment through Service

Mary D'Alleva, CSU, East Bay

The Center for Community Engagement, in partnership with the General Studies Program, coordinates one-day service projects for the Freshmen Year Experience. Through a common day of service students are challenged to step out of comfort zones, extend social networks, and broaden perspectives. The experience connects students with the community, introduces social responsibility, and begins students on a path to self-efficacy, self-awareness, and persistence.



BMU 209

A Students Lens: Education of Our Food System through Short Film

Nancy Zheng, Dining Services at UC Davis and Saarah Kuzay, Plant Science at UC Davis

We will be presenting three short videos made by UC Davis students as part of the UC Global Food Initiative video project, which promotes awareness and education of sustainable food systems through experiential learning.



BMU 210

Helping Hungry Wildcats: Addressing Food Insecurity among Students Through Community Supported Agriculture (CSA)

Tina Candelo-Mize and Kim Narol, Organic Vegetable Project at CSU, Chico

In conjunction with the Chico State Food Security Project, the Organic Vegetable Project (OVP) is working to help students experiencing food insecurity through their Helping Hungry Wildcats program. OVP aims to empower students to make healthy choices and dispel the myth that fresh local produce is beyond their social status.



BMU 211

CalFresh Community Supports Farmers' Market

Jenny Breed, Center for Healthy Communities, and Angel Gomez, Chico Certified Farmers Market

The Center for Healthy Communities-CalFresh EBT at Farmers Markets project and the Chico Certified Farmers Markets (CCFM) partner together to increase the number of recipients redeeming their CalFresh EBT benefits at the farmers markets. This project aims to create a community feeling providing food tastings, market walks, and CalFresh application assistance.



BMU 303

Is There Any Chance Homo Sapiens Could Live Sustainably? In this Political Environment? Actually There Is!

Jerry Hinkle and Tasha Reddy, Citizens Climate Lobby

Economists say that the most efficient and effective way to slow carbon and other pollution is to make it expensive. A price on carbon would do this, and lead to a low-carbon economy that we know must be our future. In this generation, we set course for sustainability!



Chico States Alternative Transportation Group

Marco Machuca and Chance Watts, the Institute for Sustainable Development at CSU, Chico—Alternative Transportation Group

BMU 304

Due to their significant contribution to global greenhouse gas emissions, our transportation demands are a key component that need to be addressed in the global effort to combat climate change. Learn about the small scale efforts here on our campus as well as the large scale efforts revolutionizing the transportation sector.



Join The Stream Team in their Efforts to Slow the Flow of Storm Water Runoff Pollution to Protect Water Quality in Chico's Creeks

Timmarie Hammill, California Urban Streams Alliance—The Stream Team

BMU 312

Slow the flow of storm water runoff pollution to protect water quality. When it rains, some of the rainwater soaks into the ground, while the rest runs off directly into Chico's creeks. This workshop will discuss water-wise landscaping practices including rain gardens, bioswales, and how to make a rain barrel.



Creating Nature-Based, Interdisciplinary Education for a Crazy Changing World

Susan Tchudi and Maria Madruga, Ecotopia Learning Center

BMU 314

In order to adapt to a quickly -changing world where many systems—environmental, social, technological—are in flux, young people need an education that allows them to view problems and ideas from multiple perspectives. We will describe community-based, nature-based learning models that bring multiple disciplines to bear in seeing and solving problems.



Developing an Assessment Tool for Sustainability Education

James Pushnik, CSU Chico, Institute for Sustainable Development

CLSA 110

The new sustainability pathway assessment vehicle examines three main areas, knowledge, attitudes, and behavior. This presentation will report on the early findings of the survey that has now been used in ten different classes and what we are learning about the robustness of the pathway.



Sustainability as a Public Relations Problem

Jenna Valle-Riestra and Lucy Lopez, Sonoma State University

CLSA 111

The new Sustainability Pathway assessment vehicle examines three main areas, knowledge, attitudes, and behavior. This presentation will report on the early findings of the survey that has now been used in 10 different classes and what we are learning about the robustness of the pathway.



Building Inner-Resilience for Emotional and Spiritual Strength during our Turbulent Times

Peter Melton, Daring to Discuss

CLSA 112

We are already in turbulent times. We are facing global and local challenges that will require us to redefine sustainability and resilience. What exactly are we sustaining? What inner-resilience will we need to navigate our changing world? We will address our eco-emergency and the grief and gratitude of inner-resilience.

Short Film Series

11AM–12PM



Part Two: Utilizing Respectful Revolution in Practice: How Showing a Sample of Themed Videos Chosen by Members of the Audience Can Lead to Lively Public Forum Discussions

BMU 203

Gerard Ungerman and Stacey Wear, Respectful Revolution, and Lee Altier, CSU, Chico, Department of Agriculture

Respectful Revolution (RR) isn't created in a vacuum as a beautiful but unpractical piece of art. RR is a resource, an always expanding catalog of tangible examples of what we can do to make our world a better place, according to our liking and abilities. This second day will allow members of the audience to start discussions around themes they are passionate about by recommending videos from the RR collection that to them demonstrate that some positive action they care for can actually be carried out. This time around, Ungerman and Wear hope to facilitate a forum-like discussion led by audience members passionate about a particular field of sustainable action.

Lunch on the Town

11:45AM–12:45PM

See page 5 for full details.



Creating Deep Eutectic Solvents from Biodiesel-Waste Glycerol: A Chemical and Economic Analysis

BMU 203 *Lisa Ott, Center for Water and the Environment*

Our work focuses on transforming the waste glycerol generated during biodiesel production into a useful, marketable product. We will present an economic analysis of the feasibility of this approach for our local community.



Land Trusts and K-12 Education: The Feather River Land Trust's Learning Landscapes Program

BMU 204 *Rob Wade, Plumas Unified School District and Anne Stephens, CSU, Chico*

Learn how land trusts can work with schools and community partners to create outdoor classrooms for youth! Learning Landscapes is a place-based education and stewardship program established in the Upper Feather River Watershed by the The Feather River Land Trust, landowners, and Plumas County schools.



Infiltrate and Filtrate—Biofiltration of Storm Water Runoff at Butte College

BMU 210 *Jesse Henderson, Juan Caravez, Daniel Kirkland, and Madeline Wilson, Butte Community College*

(BWELL) Biofiltration Wetland Educational Living Laboratory is a bioswale composed of plants and soil microbes acting as a natural filter to remove pollutants from runoff and increase infiltration. Water quality and flow rates were monitored during several storms. Overall, water quality entering Clear Creek has improved at Butte College.



Zero Waste and Sustainable Urban Ecosystems

Mario Giraldo CSU, Northridge

This presentation discusses how recently passed legislation regarding zero waste gives us opportunities to close loops in sustainability while contributing to address current issues related to food, food inequality and waste management within a large metro area. This presentation shows a case study at CSU, Northridge of how to integrate compost-plants-biodiversity-food systems to achieve sustainability.

CANCELED



UC Davis Aggie Bloom Program: Making Student Farms and Gardens Profitable by Selling Flowers Back to Campus

BMU 211 *Laura Ongaro, The office of Sustainability and Nutrition Office at UC Davis*

We will be giving an informative presentation on how we started and developed the UC Davis Student Farm flower program and end with a flower arrangement tutorial.



Solar, Energy Efficiency and Hands-on Training in Disadvantaged Communities

BMU 303 *Sanja Cerni and Rebekah Casey, GRID Alternatives*

Learn about GRID Alternatives, a nonprofit solar installer, founded by two mechanical engineers during the energy crisis. With vision of transition to clean, renewable energy that includes everyone, today, GRIDs mission is to make renewable energy technology and job training available to under served communities. Learn about GRIDs classroom on the roof for volunteers and job-trainees, energy efficiency education, and how we do no cost solar in low income communities across the Nation.



A Sustainable Model for Mushroom Farming in the 21st Century

Kevin Foley, Premier Mushrooms, Inc.

BMU 304 This panel will begin with an overview of the mushroom farming process as well as several of Premiers Sustainability Initiatives, including; Renewable Energy, Energy Efficiency, Waste Management/Recycling, GHG Management and Community Initiatives. All majors, backgrounds and professions are welcome and no previous knowledge of mushroom farming is required in order to benefit from this discussion.



The Art of Recycling

Juan Perez and Isabella Edwards, Institute for Sustainable Development at CSU, Chico—Green Campus Team

BMU 312 Do you ever struggle when deciding what products are recyclable? If so join Perez and Edwards in a brief interactive presentation aimed to sharpen up those skills and inform you of what can be done to help recycle more efficiently in your own communities.



A CSU Cooperative Minor in California Sustainability

James Postma and Colleen Hatfield, CSU, Chico

CLSA 110 The CSU and the California Community College systems (and possibly the UC) are cooperating to offer a minor in sustainability on campuses across the state utilizing faculty, staff, resources, and applied projects from multiple colleges and universities.

CONCURRENT SESSION: FRIDAY 1–1:45PM



CLSA 111

Involving More People of Color in the Movement—How Kissing Banana Slugs and Surfing Equals Future Resiliency

Olivia VanDamme, Viva Verde Nature Education & Brown Girl Surf

VanDamme, Chico State geography and Latin American studies alumna and past staff at Adventure Outings, will share how her current work for two Bay Area non-profits, Vida Verde Nature Education and Brown Girl Surf, exemplifies how providing access to outdoor recreation opportunities to more people of color can result in deeper connections to our Earth and therefore create future protectors and interest in sustainability fields. Through a hike in the redwoods or riding a wave in the sea, changing the demographics and increasing diversity in all outdoor play is vital to a shift in culture and ideals for society.

Keynote Speakers

FRIDAY 2–3PM



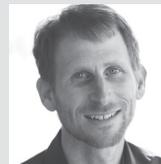
CLSA 100

An Epic Approach to Sustainability

This presentation will describe the Educational Partnership for Innovation in Communities (EPIC) framework. The EPIC Framework is a large-scale university-community partnership designed to accelerate the implementation of sustainable practice at the community level while training the next generation of leaders and community members. This model began in 2009 at the University of Oregon and is now being implemented world-wide among 27 universities, including CSU, Chico.



Jessica Barlow
San Diego State University



Marc Schlossberg
University of Oregon

Keynote Speaker

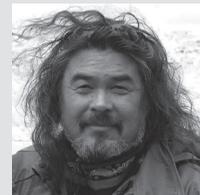
FRIDAY 3:30–5PM



CLSA 100

Climate Changes Everything for Everyone: Observations and Predictions from an Alaska Native and Commercial Fisherman

Alaska has some of America's first climate change refugees; 31 rural coastal villages will have to relocate because of oceans rising. Permafrost, glaciers and sea ice are melting at unprecedented rates. Climate change is disrupting communities, wildlife and sea life to the point that several key species are being listed on the endangered species list and having to move elsewhere and adapt or risk being erased from existence. So the question is: What can we do in a polarized political climate? What policies and laws should be strengthened or changed so we humans can adapt, and build resilient communities and economies for our survival, and for the survival of endangered species?



Dune Lankard
*Center for Biological Diversity
Alaskan Representative*

The Environmental Community Gathering will be held this year at the Women's Club, 592 E. 3rd Street, immediately following the final keynote speaker, 5–8 PM. Over 20 environmental organizations in Butte County will be available with information about their organizations. Hors d'oeuvres will be served and drinks will be available for purchase. Open to all conference participants.

P Parking Information

Conference registration and most all of the conference events occur in the Bell Memorial Union at the corner of West Second and Hazel streets. Guest parking tickets may be purchased using Visa and MasterCard only at permit dispensers in each lot. Please see our website for specific dispenser locations within each lot and available parking maps.

Please **do not** park in any stall posted Reserved (R1 or R2). Parking lots are enforced from 7:30 AM–10 PM Permits must be clearly displayed on the dash of your vehicle.

Additional parking is available in City of Chico lots adjacent to the University at the corner of Second and Salem Streets, and in the City of Chico Parking Structure at the corner of Fourth and Broadway Streets.

ADA Information

California State University, Chico has adopted a policy of nondiscrimination and encourages all people to participate in our programs and activities. At University sponsored events, CSU, Chico will provide reasonable accommodations to members of the general public with disabilities unless doing so would create an undue hardship as described by law or cause a fundamental alteration of the program, activity, or service. Please contact 530-898-3333 with accommodation concerns in advance, or visit the registration table for further assistance. For more information, please visit our Accessibility Resource Center website at www.csuchico.edu/arc.

GREENING OF THE CONFERENCE

Sustainability is the mission of the conference content and operations, CSU Chico. We have taken the following measures to ensure that the conference reflects those principles:

- Asked presenters to limit paper handouts during sessions
- Implemented a mobile application to limit the number of programs printed
- Printed posters and programs on Green Seal Certified "Environment" paper, made with renewable energy and containing 100 percent post-consumer chlorine-free fiber
- Implemented a 100 percent electronic check-in and ticketing system
- Reused lanyards and wristbands from previous years
- Provided only reusable and compostable dish ware at all meals
- Consciously chose foods that were seasonal, local, and organic when possible, including produce from our own University Farm
- Used bulk condiments (no single servings)
- Suggested participants stay in downtown Chico so they are within walking distance of the campus
- Used reusable, compostable, or borrowed items for special conference events
- Provided recycling and compost bins throughout the conference
- Provided options for moderators to limit light during sessions
- Offered vegetarian, vegan, and gluten-free menu options for conference meals
- Removed trash cans from session rooms to encourage zero waste
- Created and encouraged a carpooling system using Zimride



This Way To Sustainability™ XII programs, posters, and postcards are printed on green seal certified environment® pc 100 white. Made with 100 percent post-consumer fiber; mill process, including packing are environmentally preferable.
www.greenseal.org



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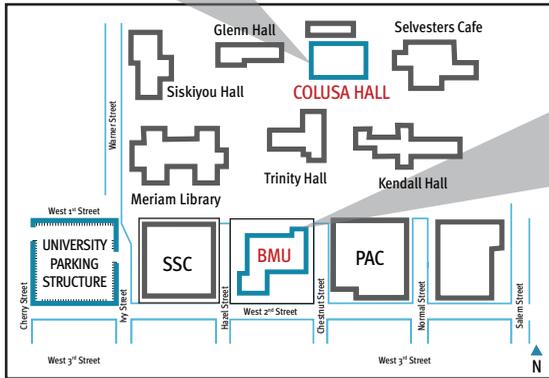
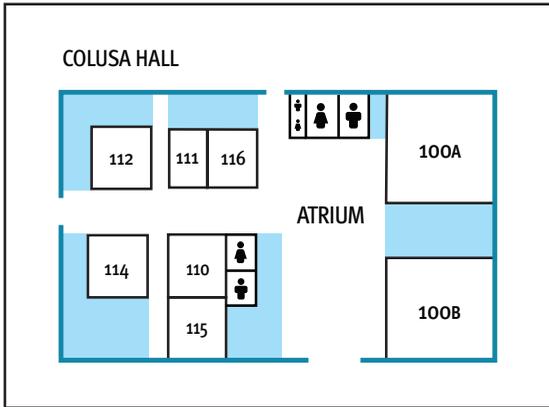


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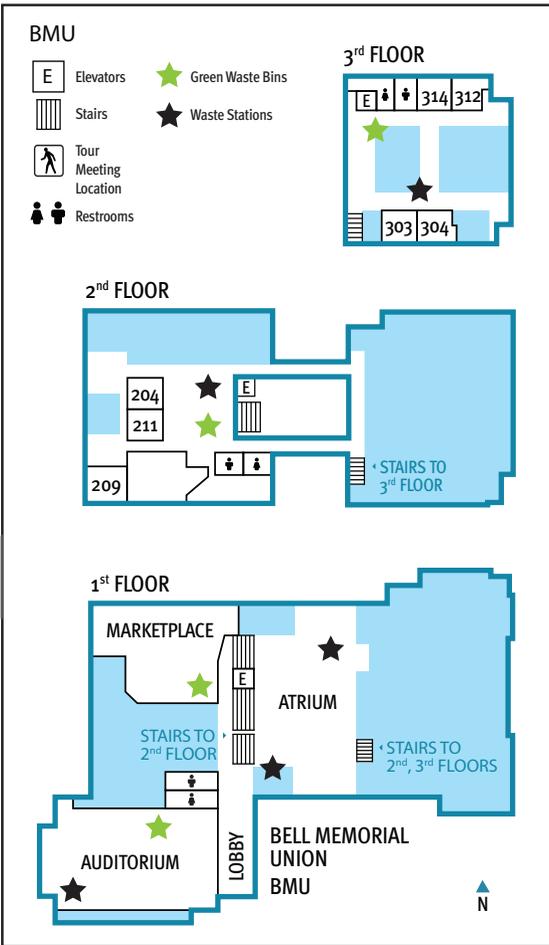


2017 CONFERENCE LEADING TEAM

Teri Randolph (not pictured), Kelsey Koll, Drew Montalban, Danielle Jenkins, Ali Divine, Rebecca Flannagan, Aeron Brackenbury, and Dani Keane.



We are a striving for zero waste, which is 90 percent diversion away from the landfill. Please dispose of all waste at the designated waste stations. Thank you!



CONFERENCE HOSTS



CONFERENCE SPONSORS

