

**Colorado Bioneers
November 5-7, 2010
University of Colorado at Boulder**



BIONEERS

Revolution from the Heart of Nature

Detailed Program

Updated 10/22/10

*All events take place in
Eaton Humanities Building, unless otherwise noted*

Friday, November 5

10am-3pm

Field Trips

Pre-register by Nov. 2; Departure times are staggered depending on destination and duration; All trips will return by 3pm; Bring your own lunch; Additional details will be shared with registered participants.

The GrowHaus and Denver Toxic Tour, 10:00am departure

The GrowHaus is a non-profit urban farm and market in northeast Denver's Elyria-Swansea neighborhood. Our mission is to lay the groundwork for a community food system in Denver through year-round food production, a local market, and educational programming. This trip will also feature a tour of Denver neighborhoods that the Environmental Protection Agency has declared Superfund sites. These are entire neighborhoods -- not just factories or buildings -- but neighborhoods that received this status because substantial concentrations of cadmium, arsenic and lead have been found in the soil. This tour is led by Neambe LeadonVita.

Straw Bale Dreaming: A Visit to Two Soulful Green Homesteads, 10:30am departure

We'll visit two straw bale homes built next to each other in Left Hand Canyon. While both houses demonstrate substantial sustainable technologies, there is a soulful quality to them both. Both seem to have honored wisdom and the feminine; one responds to them with the body as well as the mind. This tour is led by Phil Dougan.

Designs for Extending the Growing Season at Willow Way Wellness, 12:00pm departure
accessible designs for over-wintering cold-tolerant veggies and herbs in our climate. In our tour, you can view our strategies for protecting the perennials for our Herbal CSA from our strong winds and variable temperatures. We are refining our designs on our low-cost/low-labor cold-frames, which have been successful in keeping greens producing through cold-spells of 15 degrees below. Plans in motion also include aquaponics and myco-remediation of our pond (water purification using fungi). For more info and photos, see www.willowwaywellness.com/pc. This tour is led by Zia Parker.

2:30pm

Registration Opens, Humanities Lobby

3:00-4:20pm

Concurrent Sessions, Workshops, Discussions; Set A

**Why Reducing the Energy You Use at Home Matters and What You Can Do about It,
Room 1B90**

What can you do to personally address the issues of climate change, resource depletion, air pollution, and the health of your local economy? Why does energy use in your house or apartment matter? How do conventional homes use energy? How can green homes and green retrofits reduce typical energy use, enhance comfort, improve air quality, improve safety, and

reduce greenhouse gas emissions? How do these technologies affect household expenses (mortgage or rent + utility costs)? Learn how to take action. Presented by Brad Queen.

Climate Justice Discussion, Room 160

This session will first air the Bioneers plenary by Dr. James Hansen on Human-made Climate Change: A Moral, Political and Legal Issue. Using this presentation as a platform, Amy Atkins of the Alliance for Climate Education will facilitate discussion around the topic of climate justice and how we can take action.

Local Foodsheds Discussion, Room 125

This session will first air the Bioneers plenary by Peter Warshall on Dreaming New Mexico: An Age of Local Foodsheds and a Fair Trade State. Dave Georgis, founder of Everybody Eats!, will draw upon Warshall's talk and facilitate a discussion about the urgency and vision of a local food shed for Boulder County and Colorado. Audience participation will be encouraged to help develop an understanding of the broad perspectives and motivations surrounding local food and its implications for health, sustainability, and community resilience.

Social Media Workshop, Room 145

Social media is transforming how we work and communicate. Strategic use of social media allows organizations to reach new people and bring added value to social change work. An integrated social media strategy can spread messages, attract new people, and increase awareness throughout the community. Jen Caltrider of ProgressNow Colorado will share best practices and integrated strategies for using social media for social change.

Energy Descent and Appropriate Technology, Room 245

Can technology save us from ourselves? Where are we likely headed? Where do we want to go? How might we get there? We can find fresh inspiration and clarity in the synthesis of timeless ways and leading edge discoveries. We'll consider future scenarios, design principles that can guide us, some exciting new models, and a brief survey of how appropriate technology may be applied to water supply, household "wastes," energy production, the built environment and more. Presented by Sandy Cruz.

4:30-6:30pm

Welcome, Local Plenary and National Bioneers Broadcast, Room 150

Welcome and Local Plenary

Welcoming Remarks by Mayan elder : Na': Zic.

Neambe LeadonVita: Going Green Living Bling

Join Neambe LeadonVita as she redefines the image of wealth and success in today's society. Exploring the basics: food, clothing, shelter, health, freedom and most importantly, birth. Touching upon health, the importance of preventive medicine and alternative remedies and the journey of a natural unassisted delivery. Rediscover urban gardening, growing food and not a lawn, and see your everyday native vegetation aka "weeds" in a new light. Through the transformation of our ideas around conception and consumption, we can change our world.

National Bioneers Broadcast

JOHN FRANCIS: Redefining Environment

In the early 1970s John Francis gave up using motorized vehicles after witnessing the devastating effects of an oil spill in San Francisco Bay. Then he took an even more radical

step: a vow of silence that lasted 17 years, during which he undertook a pilgrimage by foot across America on behalf of the environment and world peace, and earned a Ph.D. in environmental studies. He has since served as a goodwill ambassador for the UN Environmental Program, contributed to the U.S. Coast Guard's Oil Pollution Act of 1990, and founded Planetwalk, an environmental education nonprofit. Author of Planetwalker, John will explore the environmental crisis as a reflection of worldwide social and economic inequity.

JESS RIMINGTON: Mobilizing the World's Youth

Given how serious and pressing our global problems are and how paralyzed our planet's leaders seem to be, nothing is more important than mobilizing the next generation of rising leaders to finally address the challenge. Jess Rimington is just such an extraordinary young leader. She is dedicated to education equity and international grassroots collaboration as vehicles for global sustainable development. An activist since middle school, six years ago, at age 18, Jess Rimington founded One World Youth Project, which connects schools worldwide to transform students into empowered, discerning and empathetic global citizens. She has traveled throughout the world to encourage youth participation in the U.N.'s Millennium Development Goals.

MALLIKA DUTT: Changing the Frame: Media, Arts and Culture As Tools for Public Dialogue
To realize our full potential and co-create new directions for our planet, we need to change the frame. Media, arts and culture provide powerful tools for public dialogue. Mallika Dutt is founder and Executive Director of Breakthrough, an innovative international human rights organization using the power of popular culture, media and community education to transform public attitudes and advance equality, justice, and dignity. She has conceived and led Breakthrough's award-winning campaigns on violence against women and immigration reform that have reached millions. She'll share this organization's journey of transforming hearts and minds to build cultures that respect dignity for all.

6:30-7:00pm

Evening Tapas Break, Humanities Lobby

7:00-8:00pm

National Bioneers Broadcast, Room 150

DR. JAMES HANSEN: Human-made Climate Change: A Moral, Political and Legal Issue
As Bobby Kennedy Jr. said, "Dr. James Hansen is Paul Revere to the foreboding tyranny of climate chaos - a modern-day hero who has braved criticism and censure and put his career and fortune at stake to issue the call to arms against the apocalyptic forces of ignorance and greed." Among the world's top climate scientists, Dr. James Hansen describes the dire urgency for dramatic global climate action, including the immediate end to new coal plants. Since 1981 he has served as head of the NASA Goddard Institute for Space Studies, and is an Adjunct Professor in the Department of Earth and Environmental Sciences at Columbia University. He will share his personal odyssey into climate action, including civil disobedience.

Interlude: Alec Looz Performance

PETER WARSHALL: Dreaming New Mexico: An Age of Local Foodsheds and a Fair Trade State

Peter Warshall, Co-Director of Dreaming New Mexico (DNM) and a world-renowned water steward, maniacal naturalist, research scientist and former public official, portrays this inspiring systemic model of place-based restoration. DNM (a Bioneers project) produced a statewide vision of all aspects of a region's food system. From farm to plate - locavore to trade - healthy

food to saving farms and finding new farmers - commercial crops and meats to special crops of cultural importance -artificial state boundaries to agro-ecoregions - DNM provides a “globalocalized” model for envisioning and implementing do-able dreams to leverage the way we produce, market and eat food.

National Opening Remarks and Ceremony, Concurrent Broadcast, Room 135

7:00pm

Amy Goodman, Unity Church, 2855 Folsom St, Boulder

Amy Goodman, award-winning host of the daily, internationally broadcast radio and television program Democracy Now!, returns to Boulder to give a benefit talk for KGNU Community Radio & Fraser Valley Community Media. Goodman is an award-winning investigative journalist, columnist for King Features Syndicate, author and the host/executive producer of Democracy Now! airing on nearly 900 stations worldwide. KGNU broadcasts Democracy Now! weekdays at 7am and again at 3:30pm.

Goodman is the first journalist to receive the Right Livelihood Award, widely known as the "Alternative Nobel Prize", for "developing an innovative model of truly independent grassroots political journalism that brings to millions of people the alternative voices that are often excluded by the mainstream media." Goodman is the author of the New York Times bestseller Breaking the Sound Barrier and has co-written three other titles with her brother, journalist David Goodman: Standing Up to the Madness, Static and The Exception to the Rulers.

Tickets are \$10 for KGNU Listener Members and \$15 for the General Public. Tickets are for sale in advance by calling 303-449-4885 during business hours.

Saturday, November 6

8:30am

Registration opens, Humanities Lobby

9:00am-5:30pm

Children's Activities, Room 145

See schedule of activities

9:00-11:00am

Local Plenary and National Bioneers Broadcast, Room 1B50

Local Plenary

Stuart Lord: “Communiversality”

“Communiversality.” This concept refers to a new dynamic between a university and its surrounding community, which emphasizes symbiosis. In brief, recognizing that the needs of the community and the needs of the university often coincide, the Communiversality strives to harmonize all such needs through a single, dual-purposed, institution. The Communiversality model includes both a physical component, by way of spatial design, as well as a “community” component, by way of a unique mission.

National Bioneers Broadcast

GARY HIRSHBERG: Win7 Economics: Restoring Natural Order As If People and the Planet Really Mattered

If we can make radical changes in how we think about our relationship to nature and economic growth, we will see restored, vibrant ecosystems and healthy, prosperous farmers, cows, consumers, employees, investors and future children. So says the iconic food entrepreneur Gary Hirshberg, CEO of Stonyfield Farm, the world's largest organic yogurt company that he helped start 27 years ago. In 2005, he was named managing director of Stonyfield Europe, a joint venture with Groupe Danone (France). He's also Chairman and co-founder of O'Naturals, a chain of natural fast-food restaurants. A visionary sustainability activist for over 33 years, Gary is working with large companies to reduce their health-care costs by motivating employees to adopt self-care practices.

Interlude: Glen Phillips Performance

JOHN WARNER: Intellectual Ecology: Green Chemistry and Biomimicry

Nature teaches us that no system is truly isolated and positive synergies are often at work. Yet the isolation of the various technological disciplines in our educational and industrial institutions has limited synergy in the human-built world. These walls are starting to break down. A seminal founder of Green Chemistry, Dr. John Warner will explore the opportunities to learn from nature about materials and the very process of innovation and creativity. He co-founded the Warner Babcock Institute for Green Chemistry, and was formerly a professor of Community Health and Sustainability and of Plastics Engineering at the University of Massachusetts-Lowell. Author of over 100 patents, papers and books including *Green Chemistry: Theory and Practice*, he serves on the board of the Green Chemistry Institute in Washington DC.

ANDY LIPKIS: Engaging Nature and Community to Protect and Heal

The founder of TreePeople in 1973 when he was just 17, Andy Lipkis is one of the nation's great leaders of community-based urban environmental initiatives. For the past decade, he has led a highly successful and visionary integrated watershed management process in Los Angeles that resulted in the first major urban Department of the Watershed. Andy will share cutting-edge efforts in cities that integrate urban forests and natural ecosystems with wise human engineering to reverse climate damage and make communities stronger, healthier, happier and wealthier. Andy says it also takes a change of heart, and we all have a unique role to play.

11:10am-12:25pm **Concurrent Sessions and Workshops; Set B**

Biomimicry, Room 190

This session will include an overview of the science of biomimicry, examples of how biomimicry has been used as a tool to promote sustainable solutions, and discussion on how this science can be used in the local ecosystem as a tool to promote a more sustainable community. Presented by Marie Zanowick.

The Local Food and Farming Revolution, Room 250

Arising in response to a growing global food crisis, and to the soon-to-be-precipitous decline of industrial agriculture, a revolution in food and farming is already underway. The early signs of this revolution can be seen right here in Boulder County, as communities strive to relocalize their food and farming system in the recognition that our local "foodshed" is as important as our local watershed. The new system must be free of fossil fuel dependence (for energy, transport, fertilizers, and pesticides), reliant upon human labor more than machines, and as local as seasons, soil and water can support. The benefits of this revolution will greatly improve our health, our connectedness with the land and with those who grow our food, and

will revitalize our economically and socially weakened communities. Presented by Michael Brownlee.

Eco-Villages and Co-Housing, Room 1B80

This session will focus on co-housing communities and eco-villages. Envision living in an Eco-town on the Colorado Front Range. Everything is here in the area to make this happen. Explore what this eco-village might look like, with a food co-op, organic farms, community gardens, community spaces, share shed, and a green transportation hub. Thinking large breaks down the resistance to moving out of the cities by enabling a vibrant core to make life more interesting, and much more sustainable. Together, we might make a new model as an alternative to the 1950s subdivision. Presenters: Chris Davies, Maggie Flickinger and Bryan Bowen.

Economic Crisis: Systemic Causes, Challenges and Changes, Room 1B90

This workshop will discuss the underlying structural short and long term causes within our capitalist system that gave rise to the 2008 economic crisis and what must be done to create an economy that provides for all people, brings about more equality, restores democracy and protects the environment. We will also show some short clips from videos about the crisis. There will also be discussion about what we need to do next. Presented by Ron Forthofer.

Strawbales in the Wind, Room 135

This session focuses both renewable energy generation and energy efficiency in Indian Country. Bob Gough and Laura Bartels will present the World Clean Energy Award winning plan for decarbonizing the federal transmission grid from Indian Country, where the integration of wind and water power can provide a renewable energy dynamo for generating clean energy, keeping coal in the ground and reducing the energy drain on precious Western water; the role of small scale wind project in meeting local electricity needs, creating local jobs for installation, monitoring, operation and maintenance; and the Intertribal COUP SAFE Homes Initiative which seeks to return housing into the hands of the community using local resources and employment to improve quality and reduce costs and CO2 footprint of housing.

12:25-1:10pm

Lunch, Dine in Room 190

Bring your lunch ticket to Room 186 or bring your own lunch

12:40-2:30pm

Dialogue, Room 125

"David Bohm [famed colleague of Albert Einstein] defined 'dialogue' as a free flow of meaning among people in communication. A key difference between dialogue and ordinary conversation is that in the latter, people usually hold relatively fixed positions and argue in favor of their views as they try to convince others to change. In dialogue, however, a person may prefer a certain position, but he or she is ready to listen to others with sufficient sympathy and interest to understand the meaning of others' positions properly, and is also ready to change his or her point of view if there is good reason to do so...It is essential that each participant suspend his or her point of view, while also holding other points of view in a suspended form and giving full attention to what they mean. In doing so, each participant has to suspend his or her own tacit infrastructure of ideas. Freedom from the tacit infrastructure of ideas, worldview brings about the true spirit of dialogue." - Leroy Little Bear, JD

Join us as Bioneers presenters, Indigenous leaders, government officials, youth leaders, and Bioneers participants engage in an on-going dialogue exploring the deeper underlying philosophies and dynamics that affect us all as we move toward finding the solutions that will create a just and sustainable world. Facilitated by Ian Sanderson.

1:10-2:25pm

Concurrent Sessions and Workshops; Set C

Native Foodways for Health and Healing, Room 135

Learn about efforts to revitalize traditional food systems that have long been the foundation of native health while restoring the ecological health of native lands. Growing and eating native foods can prevent diseases like diabetes and heart disease. The incidence of diabetes among native people is two to three times that of non-native populations. Land restoration and native farming techniques help nourish the soil, restore the land, and provide habitat for butterflies, birds, bees and other insects. Presented by Louise Benally as a promotional program for the Woodbine Ecology Center.

Solar Energy: Industry Trends, Challenges & Opportunities, Room 1B80

This session will examine the past, present and future of solar thermal and solar electric development in the state of Colorado. The industries' challenges are its opportunities. The balance of power, both literally and figuratively, will continue to guide the sector's growth as the nation strives for "grid parity". Until the cost of electrons are similar no matter the source of generation, the Solar Energy Industry will win its place as a part of a robust, secure and clean grid by educating decision makers and the public to its effective costs and benefits. Presented by RJ Harrington.

Colorado Transition Initiatives Panel, Room 250

What is a Transition Initiative? A Transition Initiative is a community working together to look Peak Oil, Climate Change and Economic Instability squarely in the eye and address this BIG question: "for all those aspects of life that this community needs in order to sustain itself and thrive, how do we significantly increase resilience (to mitigate the effects of Peak Oil), drastically reduce carbon emissions (to mitigate the effects of Climate Change) and strengthen the local economy (in the face of economic decline)?" It all starts off when a small collection of motivated individuals within a community come together with a shared concern: how can our community respond to the challenges, and opportunities, of Peak Oil, Climate Change, and Economic Instability? Join local Transition leaders: David Greenwald, Transition Louisville; Dana Miller, Transition Denver; Brian Fritz and/or Becky Elder, Transition Manitou; Lisa Olivas, Transition Fort Collins; and Chelsea Smith, CU Going Local.

A Wormshop, Room 1B90

This Wormshop will involve the philosophy, history of and research regarding composting with worms. Some landfill starving alternatives and other choices to consumerist worm composting will be discussed. Join John Anderson to cover soil building, no-till, free range, and mythbusting, all with some "touchy feely smelly" (not smelly) how-to instruction, with open Q&A.

Dialogue continued, Room 125

See above

2:35-4:10pm

Local Plenary and National Bioneers Broadcast, Room 1B50

Local Plenary

Ann Cooper: Lunch Lessons: Changing the Way We Feed Our Children

Ann Cooper is a national advocate for a healthier food system. Chef Ann will discuss ways to create a sustainable model for schools nationwide to transition any processed food based K-12

school meal program to a whole foods environment where food is procured regionally and prepared from scratch. In 2009, Chef Ann founded the Food Family Farming Foundation (F3); she will describe F3's pivotal project - The Lunch Box - a web portal that provides free and accessible tools, recipes and community connections to support school food reform.

National Bioneers Broadcast

ELIZABETH K. LINDSEY: Navigating an Ancient Future: The Compass of Traditional Ecological Knowledge

Elizabeth Kapu'uwailani Lindsey, Ph.D. is an award-winning filmmaker and anthropologist committed to ethnographic rescue and the conservation of vanishing indigenous knowledge and tradition. Indigenous science and TEK have a key role to play in planetary restoration. The first female National Geographic Fellow and a descendant of Hawaiian chiefs, English seafarers and Chinese merchants, she was raised by Hawaiian elders who prophesied her role as a steward of ancestral wisdom. She will describe her 2010 186-day expedition by amphibian seaplane to access some of the world's most fragile environmental and cultural regions, and present her findings about the interrelatedness of poverty, education, cultural survival, biodiversity and health.

Interlude: Destiny Arts Performance

MARY GONZALES: The Environment and its Relationship to Equity and the Economy

"Environmentalists are tree huggers and people concerned with the extinction of birds. We are not trees or birds." Mary Gonzales, a Mexican-American Chicago native, says this statement might be heard from people of color, poor or working class people, young people or immigrants, yet their immediate life experience and the issues they're confronting have everything to do with the environment: transportation, housing, jobs, and education, to name a few. How do we connect? Mary is a legendary community organizer and California Director for Gamaliel Foundation, an international institute building faith-based organizing (and which trained Barack Obama as a community organizer).

4:20-5:30pm

Concurrent Sessions, Workshops, Discussions; Set D

Pecha-Kucha: Stories from Community Partners, Room 135

Join a fast-paced and fun series of brief presentations from the partners of Colorado Bioneers. Learn about a variety of splendid local and global initiatives that are anchored in our region. Presenting on a subject of their choice, speakers have exactly 5 minutes to teach something, enlighten us, or simply inspire. Pecha-Kucha means chit-chat in Japanese. Confirmed presenting partners to date include:

- Emily Loose, The WILD Foundation
- INVST Community Studies
- Micah Parkin, 1Sky
- Peter May, Kundalini Fire Management/ Windhorse Botanicals
- Global Response/ Cultural Survival

Traditional Ecological Knowledge Discussion, Room 186

Using the preceding plenary presentation by Elizabeth Lindsey as a platform, Pavlos Stavropoulos of Woodbine Ecology Center will facilitate discussion around the topic of

traditional ecological knowledge. Come with your ideas and questions and energy that Lindsey's talk inspires.

Eco-Equity Discussion, Room 190

Using the preceding plenary presentation by Mary Gonzales as a platform, Neambe LeadonVita will facilitate eco-equity conversations. Come with your ideas and questions and energy that Gonzales' talk inspires.

Youth Dialogue, Room 160

Within the movement for sustainability in the U.S., youth are an essential untapped resource that are often marginalized and tokenized by groups that are working to re-balance the immensely imbalanced relationship between humankind as a whole and Mother Earth. This fishbowl-style dialogue will provide a positive space for youth to express their insights about the sustainability movement in terms of community action, artistic expression, and intergenerational healing. The dialogue will also address strategies to address counterintuitive tokenization of youth within the Movement, and promote solidarity. All are encouraged to attend with open hearts and minds. Facilitated by Cele Spink.

Bioregionalism: Governing the Commons, Room 250

This session will focus on the importance of participatory governance of the bioregion, the commons of the living systems within it. Governance, in this case, is concerned with maintaining a viable system of energy exchange within a specific geographic setting. Inherent in equitable and beneficial governance is an understanding of the importance of wildness, the process by which the living earth establishes and maintains its viability. Mapping wildness is an essential part of creating the understanding necessary for our involvement in the governing process. Presented by Richard Dart.

5:30-6:30pm

Bioneers Mixer, Humanities Lobby and Room 190

6:30-8:00pm

Evening Keynote, Room 1B50

Jon Waterman: Running Dry- A Journey from Source to Sea Down the Colorado River

Feats of engineering and human ingenuity have made it possible for the Colorado River to irrigate 3.5 million acres of farmland and support 30 million people on arid lands throughout the western U.S. and northern Mexico. Distant cities, including some of the fastest growing in the nation—L.A., Las Vegas, Phoenix, Denver, and Albuquerque—depend upon its waters and have transformed it into one of the most diverted and litigated rivers in the world. The Colorado now reaches the sea only in the wettest of years and the Delta, once one of the greatest desert estuaries in the world, has been reduced to a veritable wasteland. Jon's unprecedented paddling journey down the 1,450 mile Colorado River, is detailed in his book, *Running Dry*, as he deposits his mother's ashes in the headwaters then investigates the remains of the west's most iconic waterway. A starred review in *Booklist* calls it "An evocative and bold take on a river and what winning the West really means...."

This portion of the Colorado Bioneers event is free and open to the public. Copies of the book will be available for sale and Jon will sign books following his talk.

7:30pm-1:00am

CU Conscious Alliance Concert, UMC Glenn Miller Ballroom

The Conscious Alliance Student Group at CU and the Colorado Bioneers are proud to present a benefit concert and art show featuring music by Zivanai Masango & Pachedu (Afro-Pop),

Afro-beat, Jazz-Fusion, Traditional Zimbabwean Music), Jus Goodie (Reggae, R&B), Frequent-C (Mile High Sound Movement), Art Show, Silent Auction, and Live Painting featuring local artists Berk-Visual, Krystal Smith, Michael Garfield, and more. The Conscious Alliance @ CU will be holding a food drive at this event and all patrons are encourage to donate \$10 or 10 non-perishable food items. All proceeds to benefit The Conscious Alliance and the communities most in need. Advance tickets available at: <http://artthatfeeds.eventbrite.com/>

The Conscious Alliance is a local 501(c)(3) non-profit organization dedicated to distributing food and resources to communities within the U.S. facing hunger and poverty issues, and educating people about hunger, sustainability, and issues facing Native American communities. www.consciousalliance.org

Sunday, November 7

8:30am

Registration opens, Humanities Lobby

9:00am-5:30pm

Children's Activities, Humanities 145

See schedule of activities

9:00-11:00am

Local Plenary and National Bioneers Broadcast, Room 1B50

Local Plenary

Rev. Peter Sawtell: A New Story, A New Way of Being

The depth and range of today's environmental problems demand responses on many fronts, especially from a religious or deeply humanistic approach. To start the day's program, we'll explore the promise and possibilities of a new story that celebrates humanity's relationship with the web of life.

National Bioneers Broadcast

LYNNE TWIST: Changing the Dream: The Pachamama Alliance

Rooted in a profound encounter with the Achuar people in a remote region of the Ecuadorian Amazon, The Pachamama Alliance seeks to change the dream of the modern world and bring forth an environmentally sustainable, spiritually fulfilling, socially just human presence on this planet. Lynne Twist, visionary co-founder of The Pachamama Alliance, will explore the origin, evolution and scope of this cutting-edge group's work, including its most recent accomplishments assisting the Ecuadorian government to embed the rights of nature in its national Constitution, the first in the world. She'll also report on the Four Years Go campaign to help catalyze dramatic global transformation.

JOHN A. POWELL: Dance Like You Matter in an Intra-Related World

How might we see the environment, social justice and our spirituality differently if we understood a bit better how our minds work and how connected we all are? John A. Powell, an internationally recognized authority in civil rights and liberties, structural racialization, ethnicity, housing, poverty and democracy, is Executive Director of the Kirwan Institute for the Study of Race and Ethnicity at Ohio State. He holds the Gregory H. Williams Chair in Civil Rights & Civil Liberties at the University's College of Law. He founded the Institute on Race and Poverty at

the University of Minnesota; was National Legal Director of the ACLU; co-founded the Poverty & Race Research Action Council; and has taught at numerous law schools including Harvard and Columbia.

GLORIA FELDT: Riding the Leadership Wave: Women Embracing Controversy

A gut level fear of conflict, from deep in our cultural memory, can keep women from realizing their transformational leadership aspirations. But embracing controversy strengthens our power to create social good. Gloria Feldt shares her personal journey from timid teen to nationally prominent women's rights leader. A bestselling author, her newest book, *No Excuses: 9 Ways Women Can Change How We Think About Power* offers practical tools for leading and living unlimited. Former president of Planned Parenthood Federation of America and board member of Women's Media Center, she teaches "Women, Power, and Leadership" at Arizona State University.

11:10am-12:25pm

Concurrent Sessions and Workshops, Set E

Faith and Nature Panel Discussion, Room 135

Diane Dandeneau will facilitate a discussion amongst Rev. Peter Sawtell, Rabbi Jamie Korngold, Ricardo Simmonds, and a representative of the CU Muslim Student Association. The panel will explore different faiths' perspectives and approaches to environmental reverence, protection efforts, and climate change awareness and action. This inter-faith gathering will spark much discussion and have ample audience participation.

Traditional Ecological Knowledge Panel, Room 250

Since the beginning of time, indigenous peoples have been using Traditional Ecological Knowledge (TEK) to fundamentally shape their environment and thrive alongside it. More than just a body of knowledge that can be stored in a library, TEK is local and place-based, dynamic, and ever-evolving. As a part of much broader traditional and indigenous knowledge systems and traditions, TEK embodies a set of values about our place in the natural world, a long cultural memory and experience of what it means to live in a certain place, as well as specific and sophisticated knowledge on how to be caregivers of life. Join a panel of indigenous and non-indigenous members of Woodbine Ecology Center as we explore the relevance and necessity of this knowledge today and our work in eco-cultural restoration to create a better future for the next seven generations. Presented by Louise Benally, Robert Chanate, Pavlos Stavropoulos.

Climate Education and Action, Room 190

Today's students have a unique position in the challenge of global warming. A recent Yale survey and study said that 75% of those surveyed support climate change education that focuses on the science, consequences and solutions of global warming. How can you get involved in this effort? How can you start today? This session will examine the challenges and creative ideas around teaching climate change. Presented by Amy Atkins.

Xeriscape and Water Conservation, Room 1B80

Discover how xeriscaping can help you create a beautiful landscape that saves water and time. Bill Melvin, Ecoscape Environmental Design will share techniques for designing and installing a successful water-wise landscape as well as why water is such a precious resource in the Front Range.

Business: A Powerful Force for Creating a Sustainable Economy, Room 1B90

New and powerful voices are emerging within America's business community that are advocating for sustainability and progressive public policies. These 'triple bottom line' companies are demonstrating that our local as well as national economy can be built around principles of equity, social justice, environmental protection and collaboration. The financial success of these civic-minded companies, from a wide range of economic sectors, proves that business is an important ally in creating a green economy. This session will feature several businesses, explore the challenges and opportunities of running a socially responsible company, and look at training programs along the Front Range that provide support for civic-minded entrepreneurs as well as new legal forms that encourage the consideration of the public good. We'll also examine how these innovative companies are raising capital and implementing sustainable business strategies. Presented by Richard Eidlin.

12:25-1:10pm

Lunch, Dine in Room 190

Bring your lunch ticket to Humanities 186, or bring your own lunch

12:40-2:30pm

Dialogue, Room 125

"David Bohm [famed colleague of Albert Einstein] defined 'dialogue' as a free flow of meaning among people in communication. A key difference between dialogue and ordinary conversation is that in the latter, people usually hold relatively fixed positions and argue in favor of their views as they try to convince others to change. In dialogue, however, a person may prefer a certain position, but he or she is ready to listen to others with sufficient sympathy and interest to understand the meaning of others' positions properly, and is also ready to change his or her point of view if there is good reason to do so...It is essential that each participant suspend his or her point of view, while also holding other points of view in a suspended form and giving full attention to what they mean. In doing so, each participant has to suspend his or her own tacit infrastructure of ideas. Freedom from the tacit infrastructure of ideas, worldview brings about the true spirit of dialogue." - Leroy Little Bear, JD

Join us as Bioneers presenters, Indigenous leaders, government officials, youth leaders, and Bioneers participants engage in an on-going dialogue exploring the deeper underlying philosophies and dynamics that affect us all as we move toward finding the solutions that will create a just and sustainable world. Facilitated by Ian Sanderson.

1:10-2:25pm

Concurrent Sessions and Workshops, Set F

Joyful Resilience, Room 135

Do you feel like you're killing yourself trying to save the world? Do you find yourself stretched thin in your attempts to meet the demands of daily life? By building resilience into our daily lives, we begin to make space for true sustainability--sustainability that begins at the core and moves outward. In this session, you will learn how to use the principles and tools of permaculture to build resilience and inner sustainability into your daily life. No previous permaculture experience necessary. Presented by Kay Campbell.

Deep Ecology, Room 1B90

The distinguishing and original characteristics of the deep ecology movement were its recognition of the inherent value of all living beings and the use of this view in shaping environmental policies. Those who work for social changes based on this recognition are motivated by love of nature as well as for humans. They recognize that we cannot go on with industrialism's "business as usual." Without changes in basic values and practices, we will destroy the diversity and beauty of the world, and its ability to support diverse human cultures.

We will discuss the topics of peak oil, permaculture, our expanding global village and the idea of being global citizens. Presented by Michael Madura.

Working toward a Sustainable Economy, Room 1B80

The economy depends on the biosphere for its resource base and as a receptacle for its waste. Our current economic system promotes unlimited growth and consumption and produces enormous amounts of waste. Many ecosystems are being stressed, with some major areas in danger of collapse. A new model is possible, one that produces what we need without destroying the environment. What might such policies look like? How could we begin to bring this about? Come hear some ideas from our presenters and then share your own in this interactive workshop. Presenters include: Rick Casey, Pavlos Stavropoulos, and Jon Nicholl.

Food Justice Superheroes, Room 250

Join presenters: Coby Gould of The GrowHaus, Abbie Harris of Denver Urban Gardens, and a representative of Boulder Housing Authority to explore innovative models in community food justice and the challenges and successes discovered in these community initiatives. Coby will present on the background and operation of The GrowHaus, its social context in the Elyria-Swansea neighborhood, and some of the unique growing techniques employed there, such as aquaponics. Denver Urban Gardens just celebrated the groundbreaking of their 100th community garden, and they have at least 15 new gardens on the drawing board for 2011. These gardens serve as spaces for gathering, learning, and growing for schools, neighborhoods, community centers, and food banks. Boulder Housing Authority has initiated a garden program in low-income housing complexes. Learn how the residents are building community and soils.

Dialogue continued, Room 125
See above

2:35-4:10pm

Local Plenary and National Bioneers Broadcast, Room 1B50

Local Plenary

Louise Benally: Native Foodways for Health and Healing

Renowned environmental and human rights activist of Big Mountain, Dineh Nation, Louise Benally will share efforts to revitalize traditional food systems that have long been the foundation of native health while restoring the ecological health of native lands.

National Bioneers Broadcast

ANTHONY CORTESE: From Leonardo da Vinci to Higher Education: Lead Us to Survive and Thrive

What are the roles of educational institutions in the era of climate change? Dr. Anthony Cortese, a groundbreaking leader in transforming higher education, will survey some of the most promising developments in education, and what still needs to happen. Founder and President of Second Nature, supporting senior college and university leaders in making healthy, just and sustainable living the foundation of all learning and practice in higher education, he's a principal organizer of the American College & University Presidents' Climate Commitment, as well as co-founder of the Association for the Advancement of Sustainability in Higher Education (AASHE).

JANE GOODALL, PhD, DBE: Gombe and Beyond: The Next 50 Years

The year 2010 marks a monumental milestone for Dr. Jane Goodall. Fifty years ago, Dr. Goodall, who is today a world-renowned primatologist, conservationist and UN Messenger of

Peace, first set foot on the shores of Lake Tanganyika in what is now Tanzania's Gombe National Park. The chimpanzee behavioral research she pioneered there has produced a wealth of scientific discovery, and her vision has expanded into a global mission to empower people to make a difference for all living things. Dr. Goodall will reflect - both personally and professionally - on the meaning of the past five decades, the extraordinary changes the world has seen since 1960, and the impact these changes have had on people, animals and the environment we all share. In addition, she will discuss the role we must all play over the next 50 years to ensure a better future for generations to come.

Closing Song: Libby Roderick Performance

4:20-5:30pm

Concurrent Sessions, Workshops and Discussions, Set G

Decolonization of Language, Room 245

Language both expresses and shapes our perception of the world. Words have power and their own deep history, much of it embedded in the history of colonization. Join us in a facilitated discussion to explore the meaning of language and how to ensure that we describe and bring forth the free, just, and ecological future that we aspire to. Facilitated by Pavlos Stavropoulos.

Corporate Personhood Workshop, Room 125

This workshop will present a historical overview of the legal definition of "corporate personhood," and attempt to summarize the current developments in this area (which are broad). Of special significance is the Citizens United Supreme Court ruling this January, which will receive special attention, as it is, of course, the reason for the unprecedented expenditures on campaign ads in the current election cycle. The workshop will focus on what we, as individual citizens, can do to contribute to positive change on this deep issue in modern society. Presented by Rick Casey.

Higher Education Sustainability Discussion, Room 270

Using the preceding plenary presentation by Anthony Cortese as a platform, Dave Newport will facilitate a discussion of how higher education is addressing the sustainability imperative. Come with your ideas and questions and energy that Cortese's talk inspires.

Wildlands and Wildlife Discussion, Room 135

Using the preceding plenary presentation by Jane Goodall as a platform, Harvey Locke will present on The WILD Foundation's vision for the planet: Nature Needs Half. Based on the best science available, Nature Needs Half is an international call to action to protect at least half of the planet, land and water, in an interconnected way. Locke will reflect on the science behind this vision as well as the global significance and implementation of Nature Needs Half. Followed by group discussion on this initiative and Goodall's talk.

Taking Bioneers Home: Next Steps Discussion, Room 160

Join others to distill the inspiration overload from your Bioneers experience. What are your key take-aways? How can you translate the good ideas into action? What are you committing to do between now and 2011 Bioneers? Facilitated by Ian Sanderson.

5:35-6:00pm

Closing Ceremony, Room 190

Children's Activities Schedule

While the adults immerse themselves in Bioneers, so can the kids! Children's activities provide exciting and interactive activities for kids to learn about the natural world! Produced by CU's Environmental Center Earth Education Program. Cost is \$10/day per child. Activities are appropriate for ages 4-12. Activities will take place both indoors and outdoors, weather dependant. Participants should check in at the main registration booth.

Saturday, November 6

- 9:00-10:00 Welcome Bioneers! (Intros and icebreaker games)
- 10:00-11:00 Recycle Games
- 11:00-12:30 Art Project "Create your perfect green home"
- 12:30-1:30 Lunch and Recess on Norlin Quad, please pack a lunch!
- 1:30-2:00 Recycling Fun Facts
- 2:00-3:00 Recyclable Art and Posters
- 3:00-4:00 Recycling Games Rematch
- 4:00-5:30 Papermaking

Sunday, November 7

- 9:00-10:00 Intros and Animal Charades
- 10:00-11:30 Ecosystems Workshop
- 11:30-12:30 Outdoor Conservation game
- 12:30-1:30 Lunch and Recess on Norlin Quad, please pack a lunch!
- 1:30-2:00 Kids' Yoga
- 2:00-2:30 Tracks/Scat and Water info session
- 2:30-3:30 Making Tracks
- 3:30-4:30 Kids' Pick!
- 4:30-5:30 Create Earth Defender Certificates
- 5:30 Closing Ceremony- kids will join group