Bioneers
Improving the Environment

The annual Bioneers Conference is the pre-eminent gathering of environmental visionaries with practical solutions for our most pressing environmental crises. These biological pioneers peer deeply into the heart of nature to devise strategies for restoration, which is destined to be the central enterprise of the years ahead.

The Bioneers herald the dawning age of biology founded in natural principles of kinship, interdependence, cooperation and community. Representing a wide array of fields ranging from biology and botany to industrial ecology - organic farming and gardening to activism and the arts - spirituality and integrative medicine to indigenous traditions - their visionary solutions embody a change of heart, a spiritual approach grounded in social justice.

The restoration of the biosphere's imperiled ecosystems and the healing of its human communities must be our central focus if we are to achieve a new era of cooperation, compassion, and interdependence. The Bioneers show us it is possible.

Join us for the 12th annual Bioneers Conference, and become part of this thriving community overflowing with inspiring models, resources, tools, networks, people and ideas. Participate in the great adventure of restoring the Earth and creating a future environment of hope.
by Changing the World...

"The workshops at the Bioneers Conference left me shocked, uplifted, angry, chilled, astonished, enlightened, and totally energized from the bottom of my feet to the tip top of my head."

– Anna Carter "The Seed Lady" of Watts

"Bioneers is a yearly communion of spirit, action and commitment. Each year they convene thousands to birth the enormous changes demanded of our lives and times—ecological wisdom, economic democracy, human rights, life-affirming technologies, and the courage, spirit and vision to learn from each other and proceed together."

– John Stauber, co-author, Toxic Sludge is Good for You and Trust Us, We’re Experts

"The Bioneers reminded me that we each have a voice that needs to be used and if our voices are joined together, we can speak loudly and clearly, in defense of the environment, the planet and all its inhabitants."

– Jodee Powers, Bioneers 2000 attendee

"I was blown away by the caliber of the speakers, the diversity of program content and the spirit of the attendees."

– Deborah Nelson, Working Assets
**Plenary Session 9am-1pm**

**Janine Benyus**
Biomimicry: Innovation Inspired by Nature

**Dorion Sagan**
The News From Earth: Open Secrets of Science, Life and Mind

**Michael Ableman**
Urban Farming: Reconnecting the City to the Land

**Tom Goldtooth**
Protecting the Web of Life: Indigenous Knowledge and Bio-Justice

**Carolyn Raffensperger**
The Precautionary Principle: Golden Rule for the New Millennium

**Afternoon Sessions** 2:30 – 4:00 pm

**What is Life?**
To explore this most fundamental of all questions, join Lynn Margulis, the co-developer of the Gaia Hypothesis and one of the world’s great scientific minds, and Dorion Sagan, one of our most brilliant writers on science. Probe the solar basis of the global economy, Gaia’s status as superorganism, the neglected role of free will in life’s evolution, and environmental transformation. (A1)

**Getting the Story Out: Investigative Reporting**
Amy Goodman, co-host of Pacifica Radio’s award-winning Democracy Now!, Samuel S. Epstein, M.D., author of the seminal The Politics of Cancer, and Eric Bates, Investigative Editor of the award-winning magazine Mother Jones, discuss the proud U.S. tradition of investigative reporting and how it is increasingly threatened by concentrated corporate control. Moderated by Jay Harris, publisher of Mother Jones. (A2)

**The Future of Farming: Mainstreaming Organic Diversity**
How we feed ourselves may determine the fate of the natural world. Join Ronnie Cummins, National Director of the Organic Consumers Association, Fred Kirschenmann, a Biodynamic farmer and a major figure in the organic/sustainable agriculture movement, and Full Belly Farm’s Judith Redmond. They offer their strategies to phase out factory farming and return agriculture to its ecological and cultural roots. Moderated by KPFA-radio host Claire Cummings. (A3)

**Preventing Breast Cancer**
Co-sponsored with The Breast Cancer Fund. There is increasing evidence that toxic products and industrial practices are contributing to the breast cancer epidemic. Medical writer Nancy Evans and mind-body expert Karen Haas, both breast cancer survivors, team up with public policy advocate JoAnn Reiss to explain recent statistics and outline steps we can take from the personal to the political to turn the epidemic around. (A4)

**Deepening the Dialogue: Art, Youth Activism and Environmental Justice**
How do we confront some of the hard questions related to race, poverty and the environment? In this workshop a racially and ethnically diverse group of youth activists will demonstrate how art, poetry and rap can be used to create a more inclusive dialogue and a more diverse movement. Hosted by activist educator Belva Rooks with poet and rap artist Drew Dellinger and others. (A5)

**The Cultural Creatives and a Future of Hope**
Paul Ray, a sociologist who coined the term “cultural creatives”, and Sherry Anderson, his co-author of the recently released book, The Cultural Creatives, discuss why their optimistic findings reveal that many of the Earth-honoring and cooperative values exemplified by the Bioneers are likely to emerge as the dominant themes of a new paradigm for the coming era. (A6)

**Saving Biodiversity’s Living Treasures**
Ecosystems are the planet’s biological works of art. Saving biodiversity means conserving these wild places. Learn how with conservation experts Rod Mast, Vice President of Conservation International, and Dave Walsh, Projects Director of Ancient Forest International in Redway, CA. (A7)

**The Ecology of Art and Aesthetics of Restoration**
Leading eco-artist and water restoration activist Betsy Damon discusses how water needs to be placed at the foundation of the design process and shows images of her famous “Living Water” garden in China and other projects. Artist and historian of technology T. Allan Comp presents his extraordinary work with AMD&ART, a non-profit that combines public art, environmental improvement and community engagement in treating abandoned mine drainage (AMD). (A8)
The End of Animals? Thyroid Disruption, Probable Causes—Possible Cures
What are the probable origins of the contemporary thyroid plague — environmental poisons, endocrine disruptors and chronic exposure to low levels of nuclear industry-produced iodine 131. Renowned herbalist Ryan Drum explains how using overlooked gentle and effective natural therapies like seaweed, herbs and behavior modification could provide a cure. (A9)

4:15 – 5:45 pm

Organic Seed Diversity: Playing with a Full Deck
Join Fred Kirschenmann and J.I. Haapala to learn how you can participate in creating a sustainable food system that reflects your values. Hear about grower efforts to register plant genetic diversity in the public domain; the importance of plant evaluation and world seed banks; and how traditional breeding techniques offer the potential to produce crops that thrive without the use of chemical crop protectants or synthetic fertilizers. (B1)

Growing Medicine: Listening to the Plants
Ancient wisdom meets state-of-the-art science in exalting the biodiversity of medicinal herbs. Tour the work of United Plant Savers with organic farmer/herbalist extraordinaire Paul Strauss, Sanctuary Steward of the United Plant Savers 378-acre Botanical Sanctuary; and discover Transgenerational Preventative Herbal Medicine with Ryan Drum, one of North America’s most respected herbalists, proposing a revolutionary new approach to natural preventive medicine: medicinal herb therapeutics in utero. (B2)

The Precautionary Principle: Miss Manners Has a Chat with the Sorcerer’s Apprentice
“Look before you leap.” “Better safe than sorry.” These simple mottos express the heart of the precautionary principle which acts as a lens for scientific choices, an “insurance policy against our own ignorance.” Leading activists, Carolyn Raffensperger, Sharyle Patton and Tom Goldtooth, tell of their experiences struggling to get this defining principle into international treaties, state law and local decision-making. (B3)

Shamanic Plant Messengers and the Fate of the Earth
According to many observers, the ancient relationship between the peoples and sacred shamanic hallucinogens of the Americas - peyote, ayahuasca and psilocybin mushrooms - helps maintain a balance with the natural world. Author, anthropologist/explorer, ethnobotanist Wade Davis and others delve into the fascinating human-sacred plant sacrament relationship. (B4)

Nature As Healer: Art and Gardening in Prisons
The U.S. incarcerates more of its population than any other country in the world. Learn about visionary projects that use the healing power of nature to help heal broken lives. Hear from Cathrine Sneed whose Bay Area Garden Project works with prisoners to realize new potential and dignity through “horticultural therapy,” and Sara Mast who co-established the first art program in the Montana women’s correctional system to bring the healing power of the natural world into the correctional setting. (B5)

Visionary Activism
Our beloved, irrepressible mythological astrologer Caroline Casey takes the high road to illuminate the Big Wheels of cosmic re-shuffling calling for planetary restoration. The popular author (Making the Gods Work for You) and KPFA radio coyote brings levity to gravity and always lands with amazing poise on The Meaning Of It All. (B6)

Beyond Organic: Cultivating the Next Agriculture
Like many movements throughout history, the organic farming movement is in some ways becoming the very thing it started out to change. Organic has gone from movement to industry. How has this happened and what are the strategies for reinventing the movement? Join urban farmer and author Michael Ableman who will share his ideas on how we can reclaim our food system from governments, corporations, organics, and industrialists. (B7)

Social Entrepreneurship: Improving the Environment by Changing the World
A look at how innovative local and international development models can help sustainably empower the disenfranchised. With Al Renner, founder of LA’s Urban Farm and Orchard, where the homeless plant and harvest crops sold at a neighborhood farmers’ market; and Chet Tchozewski, founder and Executive Director of the Global Greengrants Fund, an international re-granting program supporting the growth of community-based civil society organizations in developing democracies. (B8)

Special Evening Events see page 8

see presenters’ biographies & www.bioneers.org
Saturday, October 20, 2001
Plenary Session 9am - 1 pm

J.L. Chestnut
Betting the Farm: How the Black Farmers’ Lawsuit Opened the Farm Gates for Native Americans and Women

Wade Davis
Light at the Edge of the World: Reinventing the Poetry of Diversity

Diane Wilson
Why I Tried to Sink My Shrimp Boat on Toxic Polluters

Dr. Tieraona Low Dog
Greening Medicine: The Role of Botanicals in the Changing Mainstream Medical Model

Dr. Andrew Weil
The Future of Health Care: Toward a Real Integrative Medicine

Afternoon Sessions
2:30 – 4:00 pm

Hope or Hype: Revolutionary Images versus PR Spin
Join two experts on molding public opinion, Jim Slama, the founder of Sustain, and John Stauber, founder and Executive Director of the Center for Media & Democracy. Slama looks at The Power of Images to shape perceptions and culture and alter behavior, while Stauber dissects how the corporate PR industry distorts truth to manipulate opinion, and how to effectively combat it. (A10)

The Soil Food Web
What has hundreds of millions of inhabitants and fits in the palm of your hand? One gram of healthy soil or compost! Learn about the soil and compost food webs with master soil scientist Dr. Elaine Ingham, President of Soil Foodweb, Inc. And Courtesy Research Associate Professor, Oregon State University. (A11)

The Future of Integrative Medicine
Three pre-eminent physicians engage in a fre- range conversation mapping the exciting new outlines of the emerging new paradigm in medicine. Join Larry Dossey M.D., author and Executive Director of the journal of Alternative Therapies in Health and Medicine, Tieraona Low Dog M.D., one of the country’s leading experts on botanical and integrative medicine, and Andrew Weil M.D., author and Director of the Program in Integrative Medicine at the University of Arizona. (A12)

Plants and Humans - Who’s Domesticating Whom?
The brilliant, award-winning journalist for the New York Times Magazine, Michael Pollan, author most recently of The Botany of Desire: A Plant’s-Eye View of the World, takes a fresh perspective on the co-evolution of people and plants. Ethnobotanist Wade Davis shares his insights into the centrality of plants in cultures from the jungles of Borneo to the secret "zombifying" herbal mixtures of Haiti. (A13)

Toward A Nontoxic Industry: The Emerging Reality of Zero Emissions
How about an industry that emits no poisons into the environment? Hear from two heroes of this movement. Jack Matson, Professor of Environmental Engineering at Penn State, who has been researching for twenty-five years how chemical plants and industries can achieve “zero discharge,” joins direct action eco-heroine Diane Wilson to examine the status and future of achieving zero emissions from political, regulatory, technological, and economic perspectives. (A14)

Youth Activism
How do they do it? Learn about the use of tools and tactics including civil disobedience, independent media, rallies, protests and hacktivism. Tree-top activist Julia Butterfly Hill and Adam Werbach, youngest-ever former President of the Sierra Club, lead an interactive discussion on new developments in youth activism. There will be time for young leaders in the audience to share their ideas on next-generation organizing. (A15)

African-American Horticultural Heroines: Cultivating Lives and Community
Hear from the Bay Area’s own beloved and tenacious community activist/gardener Cathrine Sneed; Anna Carter, the “Seed Lady” of Watts, educator and builder of free organic gardens for residents of south central Los Angeles; and Melbah Smith, Director of Rural Business for the Mississippi Association of Cooperatives. (A16)

The Book of Life: Bringing Ecoliteracy to Schools
Co-sponsored with The Center for Ecoliteracy. Learn how their Bay Area Food Systems Project is developing district-wide food systems-based curricula to foster ecological understanding by: supporting garden classrooms in the school districts; improving access to organic foods and nutritional health in schools; linking regional sustainable family farms to schools; and tackling public policy issues. With Zenobia Barlow and others. (A17)
Fundraising: Turning the Tide
Learn how to generate a fundraising philosophy, strategy and plan from the heart of your work so that it becomes an area of joy and passion for you, your staff and your board. Led by fundraising phenomenon Lynne Twist, President of the Tide Turning Coalition, a gathering of global organizations committed to global sustainability. (A18)

4:15 – 5:45 pm

Playing God: Human Cloning and Germ-line Alteration
Activists Richard Hayes and Marcy Darnovsky discuss human cloning, ‘germline’ genetic manipulation (“designer babies”), and the active campaign underway to persuade humanity that a technoeugenic future is “inevitable.” The challenge facing us in the “biotech century” is to bring the use of these technologies within a structure of social, ecological and spiritual concern to avoid negative consequences more profound than anything we can presently imagine. (B9)

Wrong Side of the Tracks: Fighting for Environmental Justice
Whether it’s toxic dumping in poor, indigenous and minority communities right here in the U.S. or the ravages of drilling and mining in Nigeria, marginalized people pay the price for “prosperity.” Learn effective strategies to stop environmental racism and injustice with Carwil James, Project Underground’s oil campaigner; Tom Goldtooth of the Indigenous Environmental Network; and Goldman Prize winner Terri Swearingen. (B10)

Teaching the Web of Life: Innovative Approaches to Environmental Ed.
Mary Appelhof, author and educator, will show us how garbage-eating worms have inspired kids of all ages to learn about how nature recycles; and groundbreaking educator Belkie Rooks shares “Hey, Listen Upl!” a curriculum that uses state-of-the-art multimedia technology to encourage urban, inner-city youth to learn about critical social and environmental issues impacting their lives and their communities. (B11)

Stump the Herbalist: Plant Walk
Join renowned herbalist 7Song to explore the surprising abundance of local flora surrounding the Marin Center for medicinal and other uses. Come discover how to find natural, free remedies at your fingertips for all sorts of emergencies, uses and needs, in the most unexpected places. Find a plant 7Song can’t identify and win a prize! (B12)

The Organic Menu: Restaurants as Agents of Change
Visionary restauranteurs making organic food a sine qua non of fine dining share their experiences. Nora Pauillon, owner of DC’s Nora’s, the first and only certified organic restaurant in the U.S., and Jesse Cool, owner/chef of several renowned eateries including the Flea Street Café in Menlo Park, explore strategies to link sustainable agriculture with fine cuisine and support organic farmers. (B13)

Eco-Feminist Visions
A look at widening the range of eco-feminism to include the experience of both men and women, as well as our current social and political crises. Join this discussion with two of the original founders of eco-feminism, author activists Susan Griffin and Carolyn Merchant. (B14)

The recent energy “crisis” has triggered the worst reflexes of many business and political leaders who clamor for more fossil-fuel power plants and fewer environmental limits. But actually it highlights the absurd inefficiencies and greed of our energy system corporations. Join Rocky Mountain Institute’s Hunter Lovins and David Katz, renewable energy expert, to examine how this crisis presents us with the opportunity for dramatic shifts in energy, design and production. (B15)

Revitalizing Indigenous and African-American Farming Traditions
Explore how people are preserving, defending and revitalizing minority farming traditions. Here are living models of how to restore minority farming cultures for the future. Join the great class-action attorney and legendary civil rights lawyer J.L. Chestnut, the Federation of Southern Cooperatives, and Iroquois author/scholar and farmer John Mohawk. (B16)

Ecological Design at Work: Living Machines and Stewardship Economics
John and Nancy Jack Todd take us on a tour of their current works-in-progress involving the creation of ecologically based enterprises. Water restoration, aquatic farming, living machines, resource conversion, eco-industrial parks and integrative systems currently at work, or being developed, will be described. The economic and social implications of designing with nature and of developing diverse, place-based economies will also be explored. (B17)

Evening Special Events see page 9

See presenters’ biographies: www.bioneers.org
Sunday, October 21, 2001

Plenary Session 9 am-1 pm
Frances Moore Lappé & Anna Blythe Lappé
Hope's Edge: The New Diet for a Small Planet
Paul Stamets
Report from the Underground: The True Biotechnology of Fungi
Lynn Margulis
Microscopic Sex in the Gaian body
Hunter Lovins and Walter Link
The Human Dimensions of Natural Capitalism
John Sellers
Raising a Ruckus for the Earth and Human Rights

Afternoon Sessions
2:30 - 4:00 pm

Biodiversity Gardening
Gabriel Howearth, master biodiversity gardener, shows slides of his Ethnobotanical Biological Preserve in Baja California, Mexico. With his wife and partner, Kitiza Callih Howearth, he shares ideas, visions and practical tips for growing and propagating extraordinarily diverse foods and medicinal herbs, preserving the world’s agricultural biodiversity and heirloom seeds, and helping protect and restore our ecosystems. (A19)

Says Who? Innovative Alternative Media Strategies
The rise of new communications technologies capable of linking us as never before coincides with an unprecedented bid by the corporate media to monopolize the message. How can media be used to catalyze a national and global conversation about what really matters? Join Mark Sommer, founder and Executive Director of the Mainstream Media Project; activist/attorney Dan Merkle, who co-founded the Independent Media Center as networks for progressive communications; and Don Hazen, Executive Director of the Independent Media Institute (IMI). (A20)

I Ate the Whole Thing: Food Safety, Mad Cow and the Toxic Metabolism
Leading experts review the major threats to the safety of our food supply. Dr. Samuel Epstein, pre-eminent critic of the “cancer establishment,” and John Stauber, co-author of Mad Cow USA, examine how factory farming and industrial production are major threats to food and environmental safety. (A21)

Big Wheels Turning: Permaculture as a Biological Design Strategy
How can we use permaculture design principles to create a future we want to live in? Explore pragmatic solutions-oriented approaches for those working at the home, community or watershed scale. Join Penny Livingston-Stark, prominent permaculture teacher and designer; and Brock Dolman, Permaculture Program Director of Occidental Arts and Ecology Center, for a look at Permaculture as an integrated whole-systems design and regenerative ecological restoration science. (A22)

Taking Action: Seeding the Future
Activists all over the country are blazing new trails and helping one another along the way. Join three leading examples of living the change. John Sellers, whose Ruckus Society trains young activists in nonviolent direct action and effective protest; Teo Grossman, student activist from Pitzer College; and Euneika Rogers, an environmental activist, designer, and artist, founder of Refashion Network, a national strategic effort to provide and promote sustainable and just clothing production practices. (A23)

Green Blessings: Healing Ourselves and the Earth the Wise Woman Way
The unique perspective of the Wise Woman Tradition offers a synthesis of ancient wisdom and modern knowledge, willing to look outside the box. With startling facts, lively wit, and shamanic trance, Susun Weed will expand your mind and deepen your understanding of how to create health/wholeness/holiness — personally and globally. (A24)

Mycelial Magic: The Fungal Restoration
Myco-magician Paul Stamets reveals his latest discoveries on how the fungal kingdom can transform many poisonous wastes (including perhaps lethal chemical weapons), dramatically enhance companion planting in the garden, and regenerate human health. Some of the most potentially important work being done anywhere... (A25)

Nature and Spirit
Global Healing requires a spiritual transformation of every aspect of life. Join Rabbi Michael Lerner of Tikkun Magazine, author/educator and priest Matthew Fox and Joanna Macy, eco-philosopher and scholar of Buddhism, who will speak to the profound interconnectedness of all life and the experience of joy, courage and community we need to engage in the healing of our world. (A26)
Transforming Commerce: The Alternative Economy Exists!
A green economy is already sprouting. Explore innovative fair trade practices; socially responsible business strategies and investing; pension fund and shareholder activism; local currencies and local banking; and ecovillages. With socially responsible business dynamo Anita Roddick, Working Assets' Executive Director Laura Scher and activist restauranteur Judy Wicks. Moderated by Global Exchange's Kevin Danaher. (A27)

4:15 – 5:45 pm

Daughters of Thoreau: Not Too Well Behaved
On his deathbed, Henry David Thoreau said his only regret was that he had been too well behaved. Join Julia Butterfly Hill, Diane Wilson and Terri Swearingen, three of the most imaginative, inspiring, and courageous direct-action heroines of our era as they share their experiences and show us how courage and commitment can stop mountains from being moved. (B18)

Quantum Agriculture: Biodynamic Growing
Find out how principles drawn from quantum mechanics and fluid dynamics can be applied to agriculture. Learn why herbicides, insecticides, fungicides and GMO technology are unnecessary, counter-productive, and needlessly expensive. With Hugh Lovel, the renowned Blairsville, Georgia CSA Biodynamic farmer, author of A BIODYNAMIC FARM. (B19)

Foundations and Social Change: A Critical Look
Leading experts critique the role foundations play in contemporary environmental and social movements. With Tom Van Dyck, Managing Director of Investments for Piper Jaffray, who has been a pioneer in the field of Socially Responsible Investing and philanthropy; Rebecca Seib, grantmaker for First Nations Development Institute and Mark Dowie, an award-winning journalist, author, former publisher and editor of Mother Jones. (B20)

Herbal Street First Aid
Renowned herbalist and botanist 7Song shares his extensive plant knowledge on how to find effective herbal first aid remedies for street emergencies even in the most unlikely urban environments (especially useful to demonstrators in potential health-threatening civil disobedience situations!). A most unusual and highly practical herbal workshop. (B21)

Practical Magic
A look at system thinking and design: how biomimicry and natural capitalism enable people to solve the problems facing us. Blending approaches which are both practical in creating intelligent and sustainable products, companies and economies - and magic, because these design approaches are a direct expression of the deeper mystery and majesty of life. Janine Benyus, Hunter Lovins and Walter Link will describe how the work they do springs from this magic, and how yours can too. (B22)

Global Grassroots Reform: The Bee Swarm Model
Explore the potential for grassroots movements to create enduring social change. With Don Kegley, a third generation steelworker with the United Steelworkers of America and Labor Chairperson for the Alliance for Sustainable Jobs and the Environment; Chet Tchozewski, founder and Executive Director of the Global Greengrants Fund; and brilliant activist Nicanor Peñas, President of the Center for Alternative Development Initiatives in Manila. (B23)

I Heard the Voice of a Pork Chop: GMO Foods Lose Market Share
A critical look into the apparent demise of GMO foods probes issues from food safety and consumer rejection to ecological risks. Join Ronnie Cummins, National Director of the Organic Consumers Association; Craig Winters, Executive Director of the Campaign to Label Genetically Engineered Foods; Michael Pollan, whose reporting for The New York Times Magazine has covered GMO potatoes and Golden Rice; and Blaine Ingham from Soil Foodweb, Inc. (B24)

Hope's Edge: The New Diet for a Small Planet
What is our culture’s dominant mental map? Frances and Anna Lappé examine ideas now broadly accepted in our culture that deny our deepest, most human sensibilities and share the radically different perspectives they have learned from people throughout the world. Explore your own mental map and discover ways we can begin to move our society toward more compassion, cooperation, awareness, respect, fairness, community and joy. (B25)

CLOSING CEREMONY
with Caroline Casey
FRIDAY

MIXER
6:00 - 9:30 pm
Hang out and network with the Bioneers community.
A great time to visit and conspire with friends old and new.

ORGANIZING MEETINGS
8:00 pm

The Emerging Ecological Medicine Movement
Join Ronnie Cummins, National Director of the Organic Consumers Association and Carolyn Raffensperger, Executive Director of the Science and Environmental Health Network to explore the nexus of the Organic and Environmental Health movements. Hear more about the potential synergies of these two rapidly growing movements and find out what you can do to get involved. (C1)

Envisioning Restoration in California: Policy, Programs and Possibilities
Co-sponsored with Earth Island Institute. Along with grassroots groups, some state agencies and businesses now advocate ecological restoration, but we need a bold vision of a restored California. What would it be like if major ecosystems were restored? How would restoration impact the economics of the state? What is in place now that can be our foundation? Join us to raise the bar for our collective idea of what’s possible for restoring the most populous state in the land, and to launch a genuine, achievable California restoration vision. (C2)

Just Say Not: Genetically Modified Humans
Some influential scientists eagerly look forward to a “post-human” world in which children become made-to-order technological artifacts. Concerned scientists, physicians, environmentalists, religious leaders and others have begun meeting to consider what needs to be done to prevent such a future. At this organizing meeting, Richard Hayes and Marcy Darnovsky of the Exploratory Initiative on the New Human Genetic Technologies discuss recent developments and how we can get involved. (C3)

Youth Visioning & Dialogue: By Youth For Youth
Participation in the Bioneers Community offers a unique and powerful opportunity. We ask that youth only come and dialogue about how to increase youth participation in this vital network. This organizing meeting will develop the framework where ideas, questions, and solutions can begin to take shape for this and future Bioneers. With Julia Butterfly Hill and others TBD. (C4)

EXPERIENTIAL WORKSHOP
7:45 pm
Shaman U: Eco-Alchemy 101
Sandra Ingerman, author of Soul Retrieval and Medicine for the Earth: How to Transform Personal and Environmental Toxins, imparts shamanic techniques to transmute or neutralize environmental toxins. In this experiential workshop, Sandra leads us in learning spiritual methods to help heal our environment. (C5)
SATURDAY

MIXER
6:00 - 9:30 pm
Hang out and network with the Bioneers community.
A great time to visit and conspire with friends old and new.

FEDERATION RECEPTION
6:00 - 7:00 pm
Assuring a Future for Black Farming in the U.S.
Join Alabama civil rights legend, attorney J.L. Chestnut, Ralph Paige, founder of the Federation of Southern Cooperatives, and black farmers to learn more about their vital work and community.
CHI gratefully acknowledges the support of the W.K. Kellogg Foundation for our work with the Federation and other food and farming projects.

DANCE
8:00 pm - midnight
Co-hosted by the Bioneers Youth, come and get bio-active, shake it out, and revel in motion.

BIONEERS ANNUAL AWARDS DINNER
7:30 Dinner - 9:00 pm Awards
Celebrate, dine and mingle with Bioneers presenters, sponsors and friends at our annual Dinner and Awards Celebration.
Embassy Suites Hotel
San Rafael Ballroom
$40 per person
Call 1-877-BIONEER for tickets.

Please note: The Awards Dinner is not included with your Bioneers Conference registration!

SUNDAY

CLOSING CEREMONY
6:00 pm
Join Caroline Casey to complete the circle.

LAST CHANCE TO NETWORK!!!
6:30 - 8:00 pm
Join us in the exhibit hall immediately following the closing ceremony for final farewells.
FOR YOUR INFORMATION

Directions: From San Francisco, take Hwy 101 North to the San Pedro exit and follow the signs to the Marin Center. For a detailed map go to www.bioneers.org

Travel: Manaca is the official travel provider for the Bioneers conference. A socially-responsible travel company, Manaca helps people enjoy, explore, and respect Earth’s natural and cultural wonders. Airline tickets purchased through Manaca will have a Carbon Neutral Credit option to mitigate the impact of travelling to Bioneers.

For assistance with all your travel needs, contact them toll free 866-7MANACA, www.manaca.com

San Francisco International Airport
Transportation: The Marin Airporter Shuttle, 415-461-4222, runs from 5 am to 10 pm, 7 days a week, to and from the Embassy Suites and Four Points Sheraton Hotel.

Public Transportation: Golden Gate Transit & Ferry 415-923-2000, runs from San Francisco to the Marin Center. Please call for pick-up locations and times.

Parking: All-day parking is free at the Marin Center.

Lodging: Limited on-site lodging is available at the Embassy Suites (101 McInnis Parkway). The conference rate is $155 per night (single or double occupancy). Reservations 415-499-9222. Off-site lodging is available at Four Points Sheraton Hotel (1010 Northgate Drive), with limited shuttle bus service to the Marin Center. The conference rate is $99 per night (single or double occupancy). Reservations 415-479-8800.


Ride & Lodging Share Board: Go to www.bioneers.org to connect with other community members looking to share a room or a ride.

Work Exchange: Opportunity knocks! Work one full day and attend two. Contact us to apply, workexchange@bioneers.org

Scholarships: To Give—With your contribution you can help members of the Bioneers community from diverse backgrounds and income levels attend the conference. All donations to the Bioneers scholarship program are tax deductible. To Receive—A limited number of full scholarships are available. Contact us to apply.

Speaker Changes: Although all listed speakers are confirmed at time of printing, the program is subject to change without notice.

Food: Organic lunch will be available Friday–Sunday and Dinner Friday and Saturday. There will be organic coffee, tea and baked goods each morning. You may bring picnic food to eat outside on the grounds, but food is not permitted inside the main auditorium, and you will be asked to leave any food at the door.

Lost Badges: Your badge, which will be sent to you with your confirmation, is your “ticket” into the conference. If you lose it before or during the conference you will be responsible for a $15 replacement fee.

Handicap Access: The Marin Center and Embassy Suites Hotel facilities are wheelchair accessible. If you need a wheelchair for use at the event, contact us.

For Speaker’s Biographies & more conference information and updates, visit www.bioneers.org!

Bioneers reserves the right to refuse service.
GET BIOACTIVE - JOIN BIONEERS
Improving the Environment by Changing the World

As a member of the Bioneers community, you’ll help spread innovative solutions for restoring the Earth. You’ll help carry Voices of the Bioneers into classrooms and boardrooms, public policy forums, and the media. Your membership will strengthen the Bioneers community, creating a future environment of hope that’s within our grasp today.

Benefits of $35 Annual Membership* include:

• 10% DISCOUNT on registration for the Bioneers Conference
• A sampler audiotape of Voices of the Bioneers
• A subscription to the bi-annual Bioneers Letter
• 10% DISCOUNT on Wisdom at the End of a Hoe Workshops
• Opportunities to network with Bioneers around the world and in your own backyard.

Save 10% on your registration for Bioneers 2001

* Additional membership options are available for organizations and individuals — contact us for details.

see presenters biographies @ www.bioneers.org
Register for Bioneers 2001
October 19 – 21

Registration Instructions:
• Please fill out this form completely and legibly. (Photocopy for additional registrants.)
• All fees must be received with registration.
• Allow 4 weeks to receive confirmation and admission badges.
• Registrations received after October 5th will not receive confirmation by mail; you will need to pick up your admission badge on site.

To register, complete form and enclose payment or register on-line with a credit card:

Mail: Bioneers Conference
901 W. San Mateo Rd., Suite L
Santa Fe, NM 87505

On-Line: www.bioneers.org

Email: info@bioneers.org
Phone: (505) 986-0366
Fax: (505) 986-1644
Toll-free: (877) BIONEER, (246-6337)

Conference Registration Fees

<table>
<thead>
<tr>
<th>Registration Postmarked by</th>
<th>Aug. 1</th>
<th>Sept. 18</th>
<th>After Sept. 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Registration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Days</td>
<td>$235</td>
<td>$270</td>
<td>$295</td>
</tr>
<tr>
<td>2 Days</td>
<td>$170</td>
<td>$195</td>
<td>$215</td>
</tr>
<tr>
<td>1 Day</td>
<td>$90</td>
<td>$105</td>
<td>$115</td>
</tr>
<tr>
<td>Bioneers Member Registration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Days</td>
<td>$211</td>
<td>$243</td>
<td>$265</td>
</tr>
<tr>
<td>2 Days</td>
<td>$153</td>
<td>$175</td>
<td>$193</td>
</tr>
<tr>
<td>1 Day</td>
<td>$81</td>
<td>$94</td>
<td>$99</td>
</tr>
</tbody>
</table>

Join Bioneers to receive a 10% discount and Much More!

Senior, Student and Activist Fee Reduction: To support these important constituencies attending, a reduced fee payment of $48 per day is offered to qualified applicants. Seniors (age 55 and over) please provide a copy of your driver's license. Students, please provide a copy of your current student ID or registration. Activists please supply a brief letter on your organization's letterhead describing your work and how the conference will benefit your community. Send or fax requested documentation with your registration form and payment. Note: 10% member discount does not apply to Senior, Student and Activist fees.

Cancellation & Refund Policy:
• cancellations received before Aug. 3 — $30 processing fee will be deducted
• received after Aug. 3 and before Sept. 18 — a $50 deduction
• after Sept. 18 — no refunds for cancellations
• All refunds will be paid after November 15, 2001

If you are interested in purchasing tickets for our Saturday night Awards dinner, please call us at 877-246-6337. Tickets are $40, and seating is limited.
Name: _________________________________
Affiliation: ___________________________
Address: ______________________________
City/State/Zip: _________________________
Day Phone: ___________________ Fax: _________________
Email: __________________________________

How did you hear about Bioneers?

**DAYS ATTENDING:** □ Friday □ Saturday □ Sunday

**Don’t Get Spaced Out – Please Help Us Plan for the Size of Meeting Rooms...**
Using the designated workshop code (i.e., A7), please list your first workshop choice for each timeslot of each day. This is only to indicate your preference, it is not a reservation or a guarantee of a seat.

<table>
<thead>
<tr>
<th></th>
<th>FRIDAY</th>
<th>SATURDAY</th>
<th>SUNDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1st</td>
<td>2nd</td>
<td>1st</td>
</tr>
<tr>
<td>Session A</td>
<td>2:30 – 4:00</td>
<td>______ / ______</td>
<td>______ / ______</td>
</tr>
<tr>
<td>Session B</td>
<td>4:15 – 5:45</td>
<td>______ / ______</td>
<td>______ / ______</td>
</tr>
<tr>
<td>Evening Sessions</td>
<td>______ / ______</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please be aware that many of the workshops will fill to capacity, so arrive early to ensure seating!

**Box Lunch:** □ Friday □ Saturday □ Sunday

*Box Lunches will include selected entree, dessert & drink for $10 per day.*

**Dinner Buffet:** □ Friday □ Saturday

*Buffet will include selected entree, dessert and drink for $15.00 per day.*

*Vegan and vegetarian options will be available for all meals!*

**PLEASE NOTE: LUNCH AND DINNER ARE NOT INCLUDED IN YOUR REGISTRATION FEE!**

*Please add lunch & dinner cost to your registration fee.*

**PAYMENT ENCLOSED (U.S. Dollars only):**

□ Lunch and Dinner tickets (add amount indicated above) ................. $_______

□ Regular Registration Fee (use chart at left) ................. $_______

□ Member Registration Fee (use chart at left) ................. $_______

□ I am a member.

□ I want to join now to receive my 10% discount — Add $35. ......... $_______

□ Conference Scholarship Contribution (optional see page 10) ............. $_______

*Any amount is appreciated—tax deductible as provided by law*

**TOTAL AMOUNT ENCLOSED . . . . $_______

□ I am enclosing check # ________ for the full amount.

□ Visa □ MC #__________________ - ______________ - ______________ - ______________ Exp. Date: ____ / _____

Name as it appears on card: ____________________________________________

Agency Name (if corporate card): _______________________________________

Cardholder Signature: ________________________________________________

see presenters' biographies at www.bioneers.org