



BIONEERS

revolution from the
heart of nature

RADIO SERIES XII

“A treasury of positive and hope-inspiring environmental information. Real news, real people, real movements, real ideas rather than the usual unfortunate litany of death and destruction.”


— KPFK, LOS ANGELES, CA

**Gold Radio Winners,
NY festivals (NYf)**

FREE TO ALL STATIONS



It's all alive. It's all connected. It's all intelligent. It's all relatives.



This award-winning 13-part series of half-hour shows features the “bioneers” – social and scientific innovators with breakthrough solutions for people and planet. Cutting edge – charismatic – provocative – hopeful. These are ardent voices of brilliant visionaries with both feet on the ground. They span the rich arc of the human endeavor and practical transformation toward a future environment of hope. Join over 440 markets worldwide in 12 nations to reach passionate and loyal listeners. Produced by Collective Heritage Institute/Bioneers, an internationally acclaimed nonprofit educational organization.

- * Two-time winner of the WorldMedal at the New York *festivals* (NYf) International Radio Competition
- * Two-time Gold Radio Winner: NYf International Radio Competition
- * Silver Radio Winner: NYf International Radio Competition
- * Bronze Radio Winner: NYf International Radio Competition
- * World Medal, 2nd Place, NYf International Radio Competition
- * Four-time winner: Gold Communicator Award of Excellence
- * Sixteen-time winner: Silver Communicator Award of Distinction
- * Finalist for the United Nations Department of Public Information Award of Radio Programming Excellence
- * PRX Zeitgeist Award: Top Five Most Licensed Debut Group

“Bioneers goes beyond reporting the environmental challenges we face. We hear from the people making positive changes. The revolution may not be televised, but you can hear it now on Bioneers.”

– KSER-FM, EVERETT WA

DISTRIBUTION

Station Relations: Creative PR, Kathy Gronau, Kathy@creativepr.org, 888-233-5650

This series is free to stations and can be obtained via satellite feed, CD, Content Depot, or through PRX. Distribution information (Radio Series IV through XII): Carol Martinez at the WFMT Network: cmartinez@wfmt.com, or call 773.279.2112.

Program information can also be found at www.bioneers.org/radioseries.

Bioneers series are evergreen. Numbering 156 shows, many stations broadcast programs on a rotating basis throughout the year. Programs run 28:30 minutes.



On cover, top to bottom: Gloria Steinem, John Liu, Roxanne Brown, Alexandra Cousteau

COVER PHOTOS © JENNIFER ESPERANZA, © FRANK ROGOZIENSKI

Bioneers: Revolution From the Heart of Nature

RADIO SERIES XII

Working With Nature to Heal Nature: Landscapes of Hope (01-12)

Just like our bodies, nature has a profound capacity for healing and self-repair. Filmmaker-turned-ecological-restorer **John Liu** shifted from documenting China's massive environmental and societal upheavals to filming a groundbreaking, large-scale ecosystem restoration cum local economic renewal. Prioritizing nature's ecological functions above producing goods and services, the groundbreaking work is spreading to other nations, with Liu as a global ambassador of dramatic ecosystem restoration wonders.

Escaping Control: Linking Gender, Social Movements and Democracy (02-12)

World-renowned feminist, writer and change-maker **Gloria Steinem** connects the dots among disparate social movements to reveal the common patterns of oppression that underlie them all. From gender and race to democracy and universal spirituality, she applies her razor intellect, compassionate heart and nuanced eye to weave a unifying vision of a richly human and humane world where all people are valued for their uniqueness and full humanity - neither treated as property, nor defined by labels or stereotypes.

A World That Works For All: Fireflies, Dumpsters, Soft Power and the Design Science Revolution (03-12)

The visionary designer and architect R. Buckminster Fuller's remarkable legacy inspires new generations to create the Design Science Revolution he first called for in the 1960s. **Elizabeth Thompson**, executive director of the Buckminster Fuller Institute (BFI), brings to life Bucky's vision, along with contemporary BFI Challenge Award honorees. **Sheila Kennedy**, Professor of Architecture at MIT, and **John Edel**,



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“We asked ourselves what is the smallest, most useful increment of clean energy, and how can we deliver that in an entirely different way and get it out to the largest number of people.”

— SHEILA KENNEDY, “A WORLD THAT WORKS FOR ALL”

Director of the Chicago Sustainable Manufacturing Center, whose imaginative design innovations “address humanity’s most pressing problems.”

Not Fate But Choice: Reinventing Fire for the Clean Energy Era (04-12)

The internationally acclaimed energy and design strategist **Amory Lovins** shows how by 2050 we can run our energy system with no oil, coal or nuclear power. He says we can achieve that vision with clean energy and energy conservation, led by business, without an act of Congress or any new inventions. By making this transition, we can save more than \$5 trillion and double the size of the U.S. economy.

Millions of Elders: Biomimicry and How Nature Would Do It (05-12)

Biomimicry is decoding astonishing treasures from nature’s recipe book that we can mimic for our technological and industrial practices. It’s also changing how we think: a crash course in environmental education from nature’s viewpoint. Biomimicry Guild co-founder **Dr. Dayna Baumeister** chronicles the latest biomimicry inventions and educational breakthroughs by asking, “How would nature do it?” The U.S. Government’s first certified biomimicry professional, **Marie Zanowick**, shows how biomimicry is influencing federal policy and actions.

Good Jobs, Clean Environment: Both or Neither (06-12)

The emerging green economy promises to provide large-scale job creation while healing the Earth and building the middle class. **Roxanne Brown**, Assistant Legislative Director for the United Steelworkers and Steering Committee member of the BlueGreen Alliance, describes how this national partnership of major labor unions and environmental organizations is expanding the number and quality of jobs in the green economy. BlueGreen Alliance Director of Chemicals, Public Health and Green Chemistry **Charlotte Brody** portrays the real-time societal transformation underway when workers and environmentalists find common ground and also honestly acknowledge their differences.

“If we choose every day to do the best we can, to overcome these crazy categories based on the fiction of race and gender and ethnicity and so on, and if we do it with joy and poetry and music and sex and humor, then we will have joy and poetry and music and sex at the end of the revolution.”

— GLORIA STEINEM,

“ESCAPING CONTROL: LINKING GENDER, SOCIAL MOVEMENTS AND DEMOCRACY”



“The Red Earth is singing. Our learning spirits are calling us to new knowledge. It’s calling us right now, all of us, to understand a new way of living together, and it is the moment for building our capacity to work together as relatives in order that this world we love can gently give way to one even more beautiful.”

– MELISSA NELSON,
“CONSPIRACY OF ANCESTORS”

Conspiracy of Ancestors: The Indigeneity Essentials (07-12)

We’re all indigenous to planet Earth, but we’ve not been acting that way. Cultural ecologist, indigenous scholar and activist **Melissa K. Nelson** reminds native and non-native peoples alike that we all need to re-indigenize ourselves by learning and practicing nature’s operating instructions and the Original Instructions for how to be a human being. At this unprecedented moment of globalized environmental breakdown, it’s going to take the best of Western science and the indigenous science of Traditional Ecological Knowledge (TEK) to navigate this evolutionary keyhole.

Passing Through: Farming Fields of Dreams (08-12)

Our food and farming systems may top the list of the most destructive abuses of land in history. What needs to change? What models are there to guide us? Visionary organic farmer, food system entrepreneur and award-winning writer/photographer **Michael Ableman** reflects on what it will take to restore healthy thriving lands and a functional and equitable food system with access for all. How will we feed the world’s growing population and provide access to healthy food? As locavores know, the answers hit close to home.

Swimming Our Talk: Blue Mind, Ocean Heart (09-12)

Illuminating the magical underwater world, Jacques Cousteau’s 1960s films and TV show caused a sea change by moving the hearts and minds

of tens of millions. Marine biologist **Wallace J. Nichols**, ocean advocates **Philippe** and **Alexandra Cousteau**, and the **Truckee High School Environmental Club** are among the rising tides of passionate innovators making remarkable advances to understand and restore the waters of the world. Their inspiring stories give good reason for hope, including the scientific fact that we have a “blue mind” born in and of the ocean to guide us.

Security by Design: Environmental Security is Homeland Security (10-12)

The concept of national security is moving beyond bullets, bombs, soldiers and warcraft to encompass the country’s internal resilience, health and environmental sustainability. What’s needed, say two leading environmental visionaries, is the equivalent of a wartime mobilization to create a sustainable planet including a far more decentralized infrastructure. Global energy strategist **Amory Lovins** and Oberlin College Professor **David Orr** advocate sustainability as the strategic imperative and foundation for a new national security narrative. The military is starting to agree.

Taking a Breath: Healing the Inner Environment (11-12)

Brain research is revealing astounding insights into the mechanisms of post-traumatic stress and neuroplasticity – the brain’s ability to be rewired and re-trained. The world today is ravaged by traumas – from war, privation and economic crashes to natural disasters and ongoing environmental degradation. In response, world-renowned psychiatrist **Dr. James S. Gordon** of the Center for Mind Body Medicine has trained thousands of teachers globally to advance ancient mind-body healing techniques of self-care to reconnect each individual with his or her own nature, with family and community, and with the natural world. The results are impressive. What might happen if we approach healing the environment from the inside out?

Radical Patriotism: Growing Growers and Seeding Leaders for a Real Food Future (12-12)

What happens when green turns to grey? Fewer than 5 percent of 2 million American farmers are under 45 years old. Bucking that trend is the next generation of unstoppable young farmers **Severine von Tscharnher Fleming**, **Tyler Webb**, and **Sarita Role Schaffer**, along



FARMER-OWNED

This series is underwritten in part by Organic Valley Family of Farms. Organic and farmer-owned since 1988. Meet your local farmers at www.organicvalley.coop.

STATION SUPPORT

SPECIAL PROGRAMS – Hour-long Bioneers programs are ideal to air during events such as Earth Day, Black History Month and International Women’s Day.

PODCASTS – Stations are welcome to post Bioneers podcasts on their own websites. Podcasts are available at www.bioneers.org/radioseries. Please credit Bioneers and link to our website: www.bioneers.org.

PREMIUMS – Popular Bioneers products are available to stations as premiums for membership drives and special campaigns: anthology books, conference DVDs, and CDs of our radio series. For more information contact us at media@bioneers.org or call 505.986.0366.

LISTENER REQUESTS – For more information about programs, podcasts and downloads/CDs of the series, please visit www.bioneers.org/radioseries.

PRODUCTION CREDITS

Executive Producer: **Kenny Ausubel** Host and Senior Producer: **Neil Harvey**

Writers: **Catherine Stifter, Kenny Ausubel, Neil Harvey**

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Theme music is taken from the album “Journey Between” by Baka Beyond and used by permission of Hannibal Records, a Rykodisc label.

BIONEERS is a nonprofit educational organization that highlights breakthrough solutions for restoring people and planet. Since 1990, Bioneers has acted as a fertile hub of leading social and scientific innovators with practical and visionary solutions for the world’s most pressing environmental and social challenges. As a celebration of the genius of nature and human creativity, Bioneers has been at the forefront of addressing the interdependence of natural systems and human organization with highly practical systemic solutions in a “revolution from the heart of nature.” Bioneers is recognized as a highly unique, influential and dynamic communications organization and network. Each year, the Bioneers conference in California attracts about 3,000 people from diverse disciplines, cultures and walks of life. The Bioneers mission is to inspire a shift to live on Earth in ways that honor the web of life, each other and future generations.



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www.bioneers.org

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