



Vision Without Fission Conference

Center for Contemporary Arts, Santa Fe, Saturday, August 4th 2012

Welcome to the first Vision Without Fission conference! Created by a collaboration of organizations and individuals under the umbrella of Nuke Free Now, our mission is to raise awareness of the true costs and consequences of nuclear weapons production, nuclear energy, and corporate profiteering. We are transforming the nuclear narrative and inspiring a life-affirming future.

We believe it is possible to create a more peaceful, beautiful, and sustainable world. As part of this vision we work towards the transformation of Los Alamos National Laboratory, such that the scientific and technical expertise there is used in service of cleanup, remediation, and life-affirming environmental sciences.

Schedule

9am to 9:15am: Ceremonial opening and blessing: Led by Las Mujeres Hablan.

9:15am to 10:30am: Nuclear Weapons 101: Follow the money, not the rhetoric -- Follow the money, not the rhetoric -- what the central missions of the Los Alamos, Sandia, and Livermore National Laboratories really are. And what are their plans for the nuclear weapons stockpile and research and production facilities? Can the labs ever help us toward a future world free of nuclear weapons, or will they just always be in the way?

With Jay Coghlan and Marylia Kelley.

10:30am to 11:00am: The Bridge From Nuclear Weapons to Nuclear Power. Presented by Linda Gunter.

11:00am to 12:15pm: Community Stories of the Nuclear Legacy. The American Southwest has long been designated a “national sacrifice zone.” From the inception of the Manhattan Project to the proliferation of nuclear weapons and energy production, the nuclear age has come with inconceivable costs. Who carries the burden? What is the impact on those downwind, particularly indigenous and land-based communities? Join us as we listen and bear witness to these stories.

With Beata Tsosie-Pena, Kathy Sanchez, Marian Naranjo, Joni Arends, and Kristen Iversen. Facilitated by David Bacon, host of *Living on the Edge* and *Journey Santa Fe*.

12:15pm to 1:15pm: *Lunch break*

1:15pm to 1:45pm: New Military Capabilities for Existing Nuclear Weapons. The Obama Administration has promised that no new military capabilities will be added to nuclear warheads during life-extension programs, which means that they will not increase the yield of the warheads. Yet, both the military and the Labs are nonetheless adding capabilities outside the nuclear explosive package that are sharpening the nuclear sword. Presented by Hans Kristensen (by Skype). Facilitated by Jay Coghlan.

1:45pm to 3pm: Spiritual Activism and Nuclear Guardianship. The creation of the bomb was arguably the ultimate violation of the sacred — the apex of violence by a violent society. This panel will explore the spiritual concerns related to nuclear weapons production, featuring the remarkable personal stories of men and women from different faiths and traditions and how they have engaged the bomb and the atomic age. What is our own complicity in the consciousness that resulted in the bomb? How do we move through despair and paralysis to engage the issues? How do we find our way into right relationship and right action? And what ceremonies will heal the land and our communities?

With Father John Dear, Pancho Ramos Stierle, Cynthia Jurs, Alaric Balibrera, and Beata Tsosie-Pena. Facilitated by Brad Laughlin, co-founder of Corelight.

3pm to 4pm: Nuclear Economics. The Department of Energy and the Los Alamos and Sandia Labs routinely boast of the economic benefits they bring to New Mexico, which our congressional delegation accepts without question. But the reality is that New Mexico continues to bump along the bottom in nearly all major socioeconomic metrics, including 49th in child well-being. This panel will explore how taxpayers' dollars invested in programs other than nuclear weapons would produce more and urgently needed jobs of greater social value. It will also focus on lobbying and campaign contributions by major defense contractors like Bechtel and Lockheed Martin, and how they exert political influence that shapes U.S. nuclear weapons policy and spending, with a particular emphasis on New Mexico.

With Professor Lloyd J. (Jeff) Dumas and William Hartung. Facilitated by Jay Coghlan.

4pm to 4:15pm: *Break*

4:15pm to 4:30pm: Marco Kaltofen is a Civil Engineer with Worcester Polytechnic Institute. His research area is the movement and concentration of radioactive dust in the environment. In this video, Marco describes some ways to make radiation testing by concerned citizens easier and more accurate.

4:30pm to 5:45pm: The Environment and Citizen Action. In the wake of the Cerro Grande fire of 2000, many of us woke up to the threats posed by LANL's Area G. The danger came home again during the 2011 Las Conchas fire, when we learned that Area G had never been cleaned up. How clean and secure is our water, air and land? What local efforts and initiatives are already in place to protect our bioregion? What strategies are being envisioned for cleanup and remediation? How can we work together to make a difference?

With Joni Arends, Scott Kovac, and Marylia Kelley. Facilitated by Lisa Faithorn.

5:45pm: Closing remarks

7:30pm: Keynote - From Pearl Harbor to Hiroshima: While the scientists who worked on the bomb believed Germany was the target, Germany was specifically *de-targeted* in May 1943, two years before the end of the war. As General Groves told the newly installed President Truman in April 1945, "The target is and was always expected to be Japan." Pearl Harbor was the turning point in a decades-old contest for supremacy in the Pacific between Japan and the United States that precipitated the U.S. entry into the war. Hiroshima was the extremely violent end of that contest. Presented by Arjun Makhijani.

Films

Two films will be shown twice each during the day in the CCA theater.

11am and 3pm: *The Forgotten Bomb.* This film examines the political and legal implications of nuclear weapons, but also digs deeper, into the cultural and psychological reasons behind the arsenal's existence. Bud Ryan's quest takes us from the house of *hibakusha* A-bomb survivors in Japan, to an abandoned uranium mine in New Mexico, to an underground Titan missile silo in Arizona. From these places, and many others, Ryan puts together the pieces of a puzzle that explain why we have the bomb, and how we might finally do away with it. *Followed by a Q&A session with filmmaker, Bud Ryan.*

1:15pm and 5:15pm: *White Light/Black Rain.* This film looks at the reality of nuclear warfare with firsthand accounts from those who survived and whose lives were forever changed by the atomic bomb. Featuring interviews with fourteen atomic bomb survivors, many of whom have never spoken publicly before, and four Americans intimately involved in the bombings, *White Light/Black Rain* provides a detailed exploration of the bombings and their aftermath. In a succession of riveting personal accounts, the film reveals both unimaginable suffering and extraordinary human resilience. As Sakue Shimohira, ten years old at the time, says of the moment she considered killing herself after losing the last member of her family, "I realized there are two kinds of courage: the courage to die and the courage to live." *White Light/Black Rain* details the human costs of atomic warfare and stands as a powerful warning that with enough present-day nuclear weapons worldwide to equal 400,000 Hiroshimas, we cannot afford to forget what happened on those two days in 1945.

Biographies

Alaric Balibrera, a Santa Fe resident, began a hunger strike on July 16. Balibrera, a screenwriter, grew up in Los Alamos where his father was a documentarian for LANL. As a child, he saw films of the atomic explosions projected regularly on his living-room wall. His later pilgrimage to Hiroshima revealed the consequences of what his hometown had created.

Arjun Makhijani is President of the Institute for Energy and Environmental Research in Takoma Park, Maryland. He earned his Ph.D. from the Department of Electrical Engineering and Computer Sciences at the University of California, Berkeley in 1972, specializing in nuclear fusion. He was the principal author of the first study of the energy efficiency potential of the U.S. economy published in 1971. He is the author of *Carbon-Free and Nuclear-Free: A Roadmap for U.S. Energy Policy* (2007). He was named a Ploughshares Hero by the Ploughshares Fund (2006). In 2007, he was elected a Fellow of the American Physical Society. Dr. Makhijani has testified before Congress, and has appeared on ABC World News Tonight, the CBS Evening News, CBS 60 Minutes, NPR, CNN, and BBC, among others. He has served as a consultant on energy issues to utilities, including the Tennessee Valley Authority, the Edison Electric Institute, the Lawrence Berkeley Laboratory, and several agencies of the United Nations.

Beata Tsosie-Pena is from Santa Clara Pueblo and works as Program Coordinator for Tewa Women United's Environmental Health and Justice Program. She is also a poet, farmer, musician, teacher, and mother. She is a Green For All Fellow, has been a member of Las Mujeres Hablan for four years, and is currently serving as Chair for two Boards, H.O.P.E. (Honor Our Pueblo Existence) and Santa Clara Day School.

Bud Ryan and his wife Tomoko moved to New Mexico from New York City in 1991. After a visit to the Hiroshima Peace Museum in the spring of 1990 and seeing the devastation that was caused by the bomb, he realized that as an American he had not been told anything close to the truth, which started him down the path of anti-nuclear activism. In 2007, along with Stuart Overbey, he started a three and a half year documentary film project called *The Forgotten Bomb*, which shows the many different aspects of nuclear weapons production and what they can do to humanity along the way, ending with the horrors witnessed by the bomb survivors of Hiroshima and Nagasaki. www.forgottenbomb.com

Cynthia Jurs, a teacher of engaged Buddhism, received dharmacharya transmission from Zen Master Thich Nhat Hanh in 1994. She guides the Open Way Sangha, teaching and leading groups in meditation and sacred activism. She directs the nonprofit, Alliance for the Earth, and is the founder of the Earth Treasure Vase Global Healing Project, through which she has traveled the world connecting activists and elders for over twenty years in a practice to bring healing, protection and renewal to the Earth. Her documentary films can be seen at www.earthtreasurevase.org and www.prayerintoaction.com

Father John Dear is a longtime peace activist, speaker, and the author of 28 books on peace and nonviolence, including *Lazarus Come Forth!*, *Jesus the Rebel*, *Living Peace*, and his autobiography, *A Persistent Peace*. He writes a weekly column for the National Catholic Reporter, and was recently nominated for the Nobel Peace Prize by Archbishop Desmond Tutu. www.johndear.org

Hans M. Kristensen is Director of the Nuclear Information Project at the Federation of American Scientists in Washington, D.C., where he researches and writes about the status and operations of nuclear forces of the nine nuclear weapon states. He is co-author of the bi-monthly Nuclear Notebook column in the Bulletin of the Atomic Scientists and the World Nuclear Forces overview in the SIPRI Yearbook. He is the author of "Reviewing Nuclear Guidance: Putting Obama's Words Into Action," (Arms Control Today, November 2011), and "From Counterforce to Minimal Deterrence: A New Nuclear Policy on the Path Toward Eliminating Nuclear Weapons" (FAS/NRDC, April 2009).

Jay Coghlan is the Executive Director of Nuclear Watch New Mexico. He has worked on Department of Energy nuclear weapons and environmental issues for over 22 years. Early on, he helped initiate campaigns that stopped radioactive incineration and an advanced plutonium facility at LANL. He conceived of an independent expert review of plutonium pit lifetime studies, which seriously undermined aggressive proposals for new weapons designs and expanded pit production. He has been involved in past lawsuits that determined LANL to be

in major violation of the federal Clean Air Act, created a \$6.25 million settlement to fund citizen studies of DOE environmental management programs, and stopped a bioweapons agents lab at Los Alamos since 2004. DOE has called him a “serial Freedom of Information Act requester.”

Joni Arends holds a J.D. and Masters in the Studies of Environmental Law from Vermont Law School and is a member of the NM Bar. She co-founded Concerned Citizens for Nuclear Safety (CCNS) in 1988 and is the CCNS Waste Program Director. She is the coordinator for Communities for Clean Water (CCW) and is a co-founder of Las Mujeres Hablan and was recently voted one of the “Top 10 Movers and Shakers” in Santa Fe, by the Santa Fe Reporter.

Kathy Wan Povi Sanchez, M.A., is a native spirit-rooted Tewa social activist, community educator, traditional black ware potter and a proud grandmother from San Ildefonso Pueblo, New Mexico. Kathy was the former director for Tewa Women United (TWU), a 501(c)3 organization for Northern Pueblo Tewa women and all relations who also advocate for positive social changes. TWU sponsors an Annual Gathering for Mother Earth in September that addresses nuclear safety and holistic wellness for our Earth Mother and all her relations.

Kristen Iversen is the author of *Full Body Burden: Growing Up in the Nuclear Shadow of Rocky Flats*, and she is director of the MFA program at The University of Memphis. www.kristeniversen.com; www.falloutreport.com

Las Mujeres Hablan, (The Women Speak), is a network of local activists working in Northern New Mexico, U.S., to protect their peoples and lands from the nuclear weapons industry. The women work locally for global disarmament.

Linda Pentz Gunter is the international specialist at Beyond Nuclear, an organization she founded in 2007. She also serves as Director of Media and Development. In addition to international issues, Linda works on the nuclear power-nuclear weapons connection; wildlife impacts; and uranium mining and human rights.

Lloyd J. (Jeff) Dumas is Professor of Political Economy, Economics and Public Policy at the University of Texas at Dallas. An engineer and an economist, his most recent book is *The Peacekeeping Economy: Using Economic Relationships to Build a More Peaceful, Prosperous, and Secure World* (Yale, 2011). Dumas has been quoted as an authority in Time, Business Week, Financial Times, and Barron's, among many others, and discussed the policy implications of his work on more than 300 TV and radio programs in the U.S., former Soviet Union, Russia, Canada, Europe, Latin America and the Pacific.

Marco Kaltofen is the President of Boston Chemical Data Corp and Principal Investigator in the Department of Civil and Environmental Engineering at Worcester Polytechnic Institute. An environmental scientist with nearly 30 years experience in environmental, workplace and product safety investigations, his research at WPI focuses on investigations into petroleum and nuclear releases.

Marian Naranjo is the director and founder of Honor Our Pueblo Existence, also known as H.O.P.E. She is an accomplished lifetime, traditional potter and member from Santa Clara Pueblo. She is the mother of four and grandmother to seven. Her organization is part of the core group of Communities for Clean Water (CCW) and the NM Food and Seed Sovereignty Alliance, and is one of the co-founders of Las Mujeres Hablan.

Marylia Kelley is Executive Director of the Livermore-based Tri-Valley CAREs. She brings nearly 30 years of in-depth research, writing and facilitating public participation in decisions regarding the Lawrence Livermore National Laboratory and the U.S. nuclear weapons complex, nuclear weapons, waste and cleanup. Kelley serves on the Community Work Group, which advises the federal Environmental Protection Agency, state agencies and the community on the Superfund cleanup of toxic and radioactive pollution at Livermore Lab. She has written for numerous publications, including the Bulletin of the Atomic Scientists. www.trivalleycares.org

Pancho Ramos Stierle joined the University of California at Berkeley to pursue a Ph.D. in Astrophysics. When the U.S. Government and the laboratories of the university announced they were developing “safer nuclear weapons,” he decided to stop cooperating with the institution. His activism and life's focus is on issues of human rights, environmental sustainability, nonviolence, peace-building, immigration, urban agriculture and the development of a vibrant “gift economy.” He blogs at Earthling Opinion and ServiceSpace and can be followed on Twitter @oneworldcitizen.

Scott Kovac, the Operations Director of Nuclear Watch New Mexico, received his B.A. in Liberal Arts and Elementary Education from Austin College, Sherman, TX in 1978. He also received an Associates Degree with honors from Santa Fe (NM) Community College in Pre-Engineering in 1994.

William D. Hartung is the Director of the Arms and Security Project at the Center for International Policy and the author of *Prophets of War: Lockheed Martin and the Making of the Military-Industrial Complex* (Nation Books, 2011) and the co-editor, with Miriam Pemberton, of *Lessons from Iraq: Avoiding the Next War* (Paradigm Press, 2008). His articles on security issues have appeared in the New York Times, the Washington Post, the Los Angeles Times, The Nation, and the World Policy Journal. He blogs for the Huffington Post and TPM Café.

Hunger Strike

Led by Alaric Balibrera some 28 people are hunger striking to protest our national investment in nuclear weapons. The hunger strike started on Trinity Day, July 16th. Alaric and others have committed to refuse solid food until their demands are met. Their demands include a request to meet with our Congressional representatives and LANL Director, Charles McMillan, to share their concerns about LANL; the creation of jobs dedicated to cleanup and remediation; the cancelation of all plans to build the Chemistry and Metallurgy Research Replacement (CMRR) facility; compliance with the New Mexico Environment Department's Consent Order of 2005 that requires the closure of Technical Area G; recognition and compensation for New Mexico residents who have suffered illness and loss of loved ones as a result of our state's nuclear weapons activities; and a call to Charles McMillan to create a Proposal of Vision for the future of science in Los Alamos, specifying how LANL can progressively transform all its life-injurious programs to life-sustaining programs.

Statement of Nonviolence

Nuke Free Now believes that nuclear weapons and nuclear power are the ultimate forms of violence. In response, we are creating this global call to action and weekend of events in both the spirit and the practice of complete nonviolence.

We believe in the empowerment of people through nonviolent direct action. We do not judge other forms of protest and civil disobedience, but Nuke Free Now defines nonviolence to mean no harm or damage done to any living being or property through actions or words.

Upon witnessing the first atomic explosion at the Trinity site in southern New Mexico, J. Robert Oppenheimer, father of the bomb, quoted the Bhagavad Gita, saying, "Now I am become death, destroyer of worlds."

Now we have become life, protectors of the world. Peace is our strategy. Join us.

Partner Organizations

Nuke Free Now is a collaboration of many different organizations and entities in Northern New Mexico. Founded by a working group of Occupy Santa Fe, partner organizations include: (Un)Occupy Albuquerque, Pax Christi New Mexico, Veterans for Peace Santa Fe, Nuclear Watch New Mexico, Trinity Nuclear Abolitionists, Food Not Bombs, The Santa Fe Religious Society of Friends, St. Bede's Episcopal Church Peace and Justice Committee, and The Santa Fe Unitarian-Universalist Peace and Justice Committee

Please Donate

This entire weekend of events has been organized by volunteers. All of the speakers and presenters have given their time and expertise for free. However, we have necessarily incurred costs, including the rental of venues, equipment and travel costs. We are still seeking donations of any size to help offset these costs. If you support our work and believe in our vision of a more peaceful world, please help us with your donation here at this event and at NukeFreeNow.org

For more information about the work of Nuke Free Now or to get involved, please see our website www.nukefreenow.org or contact us at info@nukefreenow.org

With many thanks to

*Image Ratio Design & Printing, Center for Contemporary Arts,
El Museo Cultural, Station Coffee House, Veterans for Peace Santa Fe, and all of our generous supporters.*

Please Join us Sunday August 5th 2012: Ashley Pond, Los Alamos, NM

12pm: **Las Mujeres Hablan** will lead us in an opening welcome and blessing

12.15pm: **Kristen Iversen** will speak on the subject of Transparency and Truth: can we, as American citizens, trust government and corporations to tell us how and when our health and our lives are being put at risk?

12.30pm: **Music from Laurianne Fiorentino** with Arne Bey and Dave Borton

1pm: **Lisa Putkey and Robert Chavez** will speak about why youth are crucial to the nuclear disarmament movement and what youth have done and are doing to make a difference.

1.15pm: **Ken Mayers** will speak as an internationally active member of Veterans For Peace

1.30pm: **Music from Mufari Marimba**

2pm: **Professor Lloyd J. (Jeff) Dumas** will explain how nuclear weapons laboratories do not create jobs, but are an economic burden that helps to drag the economy down and destroy jobs. Re-directed toward the right kinds of civilian-oriented research, they could not only help boost the economy but make a far larger contribution to the nation's security.

2pm: **Visioning Council:** Come together in circle to envision the cleanup and healing of our communities and lands. With Beata Tsosie-Pena and Louis Pena.

2.15pm: **Linda Gunter** will speak about the pathway from Trinity, Hiroshima, and Nagasaki to Church Rock, Three Mile Island, Chernobyl, and Fukushima, and the connecting point of indigenous peoples and uranium mining. She will also explain that Fukushima-type reactors are operating in the U.S.

2.25pm: **Eric Jantz** will speak on the environmental justice and public health impacts of uranium mining and processing, and how the front end of the nuclear fuel chain contributes to weapons proliferation.

2.40pm: **William Hartung** will speak about lobbying and campaign contributions by major defense contractors, such as Bechtel and Lockheed Martin, and how they exert political influence that shapes U.S. nuclear weapons policy and spending.

2.50pm: **Music from Mark S and Billy B**

3.15pm: **Arjun Makhijani** will speak about his work on sustainable energy, and the high and hidden costs of nuclear power.

3.30pm: **Alaric Balibrera** will speak about the critical transition humanity is currently in, how cooperation is far more successful than competition, and how the values that will help us through are primarily based in that more feminine and cooperation-based paradigm. Alaric will offer a vision of the future based on cooperation, and in light of the nearly unimaginable changes being brought by the emerging sciences.

3.45pm: **Spoken Word from Beata Tsosie-Pena**

4.15pm: **Jeff Haas** will speak about the continued and increasing targeting of Iran by the U.S. and Israel, and how they use their nuclear weapons to intimidate and strangle countries that challenge their hegemony.

4.30pm: **Pancho Ramos Stierle** will speak about his vision for all peace activists — what it means to “disobey with great love.”

4:45pm: **Music**

5pm: **John Dear** will speak about our need to repent of the mortal sin of nuclear weapons and warfare, our need to beg the God of peace for the gift of disarmament, and our calling to become people of nonviolence like Jesus and Gandhi, peacemakers who practice nonviolence and herald the coming of a new world of peace and nonviolence.

5.15pm: **Audio link with the sounding of the Peace Bell in Hiroshima**

5.20pm: **“Sackcloth and Ashes” march of peace and commemoration:** to LANL and back to Ashley Pond Park. Led by Pax Christi. Followed by the lighting and floating of Peace Lanterns on Ashley Pond.

How to Help

New Mexico's congressional delegation supports construction of the Chemistry and Metallurgy Research Replacement Project (CMRR), a proposed plutonium facility at the Los Alamos National Laboratory, whose main mission is to directly support expanded nuclear weapons production. The CMRR's exorbitant price tag of up to 6 billion dollars of taxpayers' money would increase corporate profits, but it won't create a single new permanent job. Instead it merely reallocates existing Lab jobs. While Los Alamos County is the second richest county in the U.S., the Land of Enchantment as a whole has the highest percentage (25%) of children living in poverty. The CMRR's cost could feed every poor New Mexican child for the next 20 years!

Tell our congressional delegation to withdraw support for increased nuclear weapons production that creates no new permanent jobs. Urge them to push for comprehensive Lab cleanup that creates hundreds of high paying jobs and protects our precious water. That would be a real win-win for both hardworking citizens and the environment.

Please contact our congressional delegation. (Letters, telephone calls and emails are best, in that order.)

Senator Tom Udall <http://www.tomudall.senate.gov/?p=contact>

110 Hart Senate Office Bldg Washington, DC 20510 202-224-6621	120 South Federal Place, Ste 302 Santa Fe, NM 87501 505-988-6511	219 Central Ave NW, Ste 210 Albuquerque, NM 87102 505-346-6791
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Senator Jeff Bingaman Email: senator_bingaman@bingaman.senate.gov

703 Hart Senate Office Bldg Washington, DC 20510 202-224-5521	119 East Marcy, Ste 101 Santa Fe, NM 87501 505-998-6647	625 Silver Ave SW Albuquerque, NM 87102 505-346-6601
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Congressman Ben Ray Lujan <https://forms.house.gov/lujan/contact-form.shtml>

330 Cannon HOB Washington, DC 20515 202-225-6190	811 St. Michael's Dr, Ste 104 Santa Fe, NM 87505 505-984-8950
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Congressman Martin Heinrich <http://heinrich.house.gov/index.cfm?sectionid=72§iontree=7,72>

336 Cannon HOB Washington, DC 20515 202-225-6316	505 Marquette Ave NW, Ste 1605 Albuquerque, NM 87102 505-346-6781
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Congressman Steve Pearce <https://pearce.house.gov/contact-me/email-me>

2432 Rayburn Office Bldg Washington, DC 20515 202-225-2365	570 N Telshor Blvd Las Cruces, NM 88011 855-4-PEARCE (732723)
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**Find our online petition against the CMRR
soon at NukeFreeNow.org**

Keep in Touch! NukeFreeNow.org