

Curriculum Vitae for William N. Keepin (full detailed version)

Personal:

Name: William North Keepin
Birth data: May 9, 1951, Minneapolis, Minnesota
Citizenship: USA
Health: Excellent
Address: Satyana Institute, PO Box 1324, Freeland, WA 98249
Telephone: (425) 314-8910 • Email: will@satyana.org
Degrees: Ph.D., M.A., M.S., B.S., plus honorary doctorate

Professional Summary

- William Keepin, PhD is founding Executive Director of the Satyana Institute and co-founder (with Rev. Cynthia Brix) of the Gender Reconciliation International project. Satyana Institute is a non-profit service and training organization, based in Lake Stevens, Washington (near Seattle). Will co-founded the Satyana Institute in 1996, with the mission “to support individuals, communities, and organizations to combine inner work of the heart with outer service in the world.” The Institute’s programs have been conducted in venues across the United States, and in Denmark, Croatia, Australia, India, Hungary, Nepal, Philippines, South Africa, Colombia, and Canada. Financial support for Satyana Institute has come from diverse sources including philanthropic foundations, individual donations, program revenues, teaching academic courses, and consulting.

Satyana Institute has three program areas:

- *Gender Equity and Reconciliation International* (GERI) implements practical training programs for healing and reconciliation between women and men, focusing especially in countries of extreme gender-based violence. Established formal partnership with the Desmond and Leah Tutu Legacy Foundation in 2013. A major initiative is underway to train professional facilitators in South Africa, Kenya, India, Colombia, the United States, and Australia, in collaboration with several colleagues and partner organizations.
- *Dawn of Interspirituality* conducts retreats, training courses, and organizes international conferences — on universal spiritual and mystical teachings and

practices across the world's religious and wisdom traditions. Retreat programs have been conducted in India, the United States, and South Africa. Five international conferences have organized: Torino, Italy (2009), Seattle, WA (2011, 2013, 2014), and San Jose, Costa Rica (2018). The next international conference is planned for Buenos Aires, Argentina in October, 2020.

- *Women's Spiritual Mastery* supports the emergence of women spiritual leaders--fostering mutual support, spiritual direction, and mentoring in collaboration with established women spiritual masters from diverse faith traditions.

Professional Accomplishments

- Convened Gender Equity and Reconciliation (GERI) trainings and facilitator training programs for over 6,300 men and women in eleven countries since 1992, in collaboration with Rev. Cynthia Brix and a team of other senior GERI trainers.
- Established partnership with the Desmond and Leah Tutu Legacy Foundation in 2013, to promote GERI widely. Designed and conduct professional training for facilitators of GERI in several countries—South Africa, USA, India, Australia, Kenya, Colombia—with colleague Rev. Cynthia Brix.
- Organized international conferences (with colleague Cynthia Brix) entitled *Dawn of Interspirituality*. The most recent conference was held in Costa Rica with 24 presenters from across the major religions. A larger conference was organized in Seattle, WA in October, 2013, bringing religious leaders from all major religions and scientists together—with 37 presenters and 175 participants from 12 countries.
- Organized interfaith women's conference in collaboration with Rev. Cynthia Brix entitled *Cultivating Women's Spiritual Mastery* in Turin, Italy in 2009—featuring three prominent women spiritual masters from Buddhist, Christian, and Hindu traditions. Produced conference DVD video entitled *Cultivating Women's Spiritual Mastery*.
- Co-editor of *The Song of the Earth: A Synthesis of the Scientific and Spiritual Worldviews*(Permanent Publications, UK, 2012, co-editor Maddy Harland). This book is an anthology that brings together the voices of leading visionaries in science, spirituality, ecological activism, sustainable community, and indigenous wisdom—to paint a powerful portrait of new possibilities for the human family. Endorsed by UNESCO.
- Provide support for Maher (with colleague Cynthia Brix) to an interfaith women's refuge project in Pune, India founded in 1997 by Sister Lucy Kurien. Maher has saved or rehabilitated the lives of 2,000 women who otherwise would have died or been perpetually severely abused.

Maher honors all religions and repudiates the caste system. Organized three U.S. fundraising tours for Maher, and co-authored (with Cynthia Brix) a book about this project entitled *Women Healing Women: A Model of Hope for Oppressed Women Everywhere* (Hohm Press, 2009).

- Retreat leader for a program entitled “Mysticism: Birthright of the Heart,” conducted with colleague Cynthia Brix for several organizations including the Sadhana Institute near Mumbai, India (founded by Anthony de Mello), the Medical Mission Sisters in India, Contemplative Outreach in Cape Town, South Africa, Sediba Mountain Retreat near Johannesburg, South Africa, and the Rowe Conference Center in the United States. Key themes include interfaith mystical teachings and practices, science and mysticism, practical contemplative disciplines, and spiritual activism in service to the world.
- Developed a set of thirteen “Principles of Spiritual Activism” that have been widely circulated among spiritual and social change leaders in the United States and abroad. Created and led several trainings entitled “Leading with Spirit” for professionals on spiritual dimensions of leadership, ranging from weekend seminars to year-long programs. Co-facilitated annual retreats for environmental leaders in Idaho and in Colorado between 1996 and 2003.
- Facilitated hundreds of sessions of Holotropic Breathwork and related experiential breathwork modalities. Introduced breathwork into diverse professional settings, including environmental groups, an invitational group of senior politicians, philanthropic foundations, international activist conferences, religious communities, feminist leaders’ meetings, and academic graduate courses.
- Consultant to the Global Ecovillage Network based in Denmark since 1994. The Global Ecovillage Network is a network of 120 experimental communities—spiritual, intentional, ecological—in more than 25 countries, inaugurated in 1996 at the U.N. Habitat Conference in Istanbul.
- Designed and taught graduate courses on the above-mentioned themes at the California Institute of Integral Studies in San Francisco, and at Holy Names University (with colleague Cynthia Brix) in Oakland, CA.

Scientific Accomplishments

- Became a whistleblower in a major international scientific research program that was biased to promote nuclear power, disclosing data manipulation and internal cover-up. This story is recounted in *The Cultural Creatives*, by Paul Ray and Sherry Anderson (Harmony Books, 2000). The research program conducted by the International Institute for Applied Systems Analysis (IIASA) near Vienna, Austria involved 140 scientists and a research budget exceeding \$7 million, and purported to prove the need for massive worldwide expansion of nuclear power and coal technologies. Published an exposé of this research program in *Nature* and in *Policy*

Sciences, documenting data manipulation and other irregularities in the large-scale computer models, and corresponding misrepresentations in the published literature. For this work, was named “Runner up” for the 1985 Harold D. Lasswell Prize in the Policy Sciences.

- Conducted detailed research on the feasibility and economics of a nuclear power solution to global warming, demonstrating that energy conservation strategies were seven times more cost-effective than nuclear power for displacing carbon dioxide emissions from fossil fuels. Published papers in *Energy Policy* and book chapters demonstrating that nuclear power is not a feasible option—either technologically or economically—for ameliorating global warming. Greenpeace launched an international policy campaign based on this analysis.
- Presented scientific testimony on global warming, sustainable energy, and nuclear power before the U.S. House of Representatives, and the Parliaments of United Kingdom, Germany, Sweden, and the government of Australia. Radio and television appearances on CBS *This Morning*, NPR *All Things Considered*, BBC *Evening News*, and a month-long national media tour of Australia.
- Published over 30 research articles in peer-reviewed scientific journals on environmental science, sustainable energy, global warming, chaos theory, and quantum physics of diatomic molecules (NB: several of these articles were published under the name Bill Keepin).
- Conducted research on solar, wind, and other renewable energy technologies and their economics and technological capabilities. Published research on ‘baseload solar power’ and future prospects for a fully renewable energy economy.
- Co-authored the founding documents for the Energy Foundation created in 1991 to facilitate the transition from fossil and nuclear fuels to a sustainable energy system based on conservation and renewable energy technologies. Initial commitments of \$50 million over five years were made by the MacArthur Foundation, Rockefeller Foundation and Pew Charitable Trusts.
- Conducted scientific debate (in exchange of letters) with Nobel Laureate Hans Bethe about the feasibility and safety of commercial nuclear power. [Bethe won the Nobel Prize in physics for the discovery of thermonuclear fusion, which led to the invention of the Hydrogen bomb.] Given Bethe’s long-standing advocacy of nuclear disarmament, my hope was that he would also concede the folly of commercial nuclear power. He never did, but he did concede some key points, and our exchange of letters and face-to-face meeting revealed the non-rational side of ostensibly rational science.
- Designed and taught graduate courses on science, ecology, and consciousness at the California Institute of Integral Studies in San Francisco, Holy Names University in Oakland, CA (with co-faculty Cynthia Brix), and Schumacher College in Totnes, England.

- Published several papers on science and spirituality, including a detailed review of the lifework of physicist David Bohm, and a simple model of spiritual consciousness based on principles of fractal geometry.

Education and Training

Ph.D. (honorary) California Institute of Integral Studies, 2015
 San Francisco, California
 Spirituality and Social Change

Ph.D. University of Arizona, December 1980, Tucson, AZ 85721
 Major: Applied Mathematics
 Overall (GPA): 4.00/4.00
 Fields of Emphasis: differential equations in physics, numerical analysis
 Dissertation Title: "Multirate Integration of
 Two-Time-Scale Dynamic Systems"

M.A. California Institute of Integral Studies, March, 1991,
 San Francisco, CA 94117
 Major: East-West Psychology
 Overall Grade Point Average (GPA): 4.00/4.00
 Fields of Emphasis: Eastern and western spirituality and philosophy,
 transpersonal psychology

M.S. University of Colorado, May 1978, Boulder, CO 80201
 Major: Applied Mathematics
 Overall GPA: 3.80/4.00
 Fields of Emphasis: mathematical physics, quantum physics

B.S. University of New Mexico, May, 1974, Albuquerque, NM 87131
 Majors: Physics, Mathematics
 Minor: Russian
 Overall GPA: 3.78/4.00

- Languages: German (fair), Russian (somewhat), Sanskrit (few key words only)
- Completed three-year Grof Transpersonal Training program with psychiatrist Stanislav Grof, MD.

Spiritual training and background

Began silent meditation in 1982, and stabilized in daily meditation and prayer practice since 1997. Beyond formal spiritual and philosophical training, I was fortunate to receive direct and intensive spiritual training for three years (1997 to 2000) from a little-known female spiritual master from India who prefers to remain anonymous, in the tradition of Pranahuta yoga. This lineage entails direct spiritual transmission from heart to heart, and the Satguru of this lineage is Ram Chandra Lalaji (d. 1931), a spiritual master from a family of celebrated spiritual masters in the Kanpur region of north India. The lineage has both Hindu and Sufi branches, and Ram Chandra's nephew was Radha Mohan Lal, the Sufi sheikh of Irina Tweedie (author of *Daughter of Fire*) who first brought this lineage to the West. The training emphasizes silent meditation practice centered in the heart, coupled with absolute faith in and surrender to the Divine. Scriptural foundations of this training were the Bhagavad Gita, the Gospels, the Upanishads, and teachings of Sufism (Rumi, ibn Arabi, and eleven principles of Naqshbandi). Currently working on an autobiography recounting this intensive training. Later I lived for 16 months in Inverness, California and participated in meditation gatherings conducted twice weekly by Irina Tweedie's successor, the Sufi teacher Llewellyn Vaughan Lee.

Since 2002 had the great fortune to be mentored by Father Thomas Keating of the Snowmass Benedictine Monastery in Colorado. I first met Fr. Keating at a meeting in Aspen in September, 2002. After this meeting I organized an international interfaith prayer vigil during the months preceding the Iraq War, and Father Keating was extremely helpful to this project. In 2003 I began leading retreats on interfaith mysticism for Catholic priests and nuns in India, and Fr. Keating began providing invaluable mentoring and spiritual direction, which continues to the present day. Since 2010 I have collaborated with Fr. Keating on his Snowmass conference of interspiritual gatherings for religious leaders from ten major world religions.

Representative spiritual retreat and training experience:

Christian:

Month-long retreat and four additional retreats (four to seven days) in solitude at New Camaldoli Hermitage near Big Sur, California, several weeklong retreats at Snowmass Monastery in Colorado, ten-day silent retreats in solitude at the Nada Carmelite hermitage in Crestone, Colorado; eight-day *Christophany* retreat with Cynthia Bourgeault, three-day retreat and training with Marcus Borg and Dominic Crossen, spiritual mentoring and direction from Fr. Thomas Keating from 2002 to present.

Sufi: Several weeklong retreats with Llewellyn Vaughan Lee of Naqshbandiyya-Mujaddidiyya Sufi order, numerous weekend Sufi conferences, workshops, and weekly Sufi meditations.

Zen: Introductory training in Vienna and Green Gulch Zen Center, weeklong sesshin with Maezumi Roshi, five-day intensive and half-day retreats with Thich Nhat Hanh, took refuge with Thich Nhat Hanh.

Theravada Buddhist: approximately ten weeklong or 10-day vipassana meditation retreats between 1988 and 2009 (with Jack Kornfield and other IMW teachers, Christopher Titmus, Joseph Goldstein, Carol Wilson, and Goenka).

Tibetan Buddhist: mentoring from Jetsunma Tenzin Palmo. Three week-long retreats with Tsoknyi Rinpoche, 10-day retreats with Sogyal Rinpoche and with Garchen Rinpoche, weekend retreats with Jetsunma Tenzin Palmo, Adzom Rinpoche, and several public teachings from HH. Dalai Lama).

Hindu: Initiated by Swami Swahananda in the Ramakrishna/Vivekananda order, three-year intensive training in *Pranahuta* yoga, training in practice of integral yoga of Sri Aurobindo for several years, visits to the Sri Aurobindo Ashram, *darshan* with Mother Meera (several visits in early 1990s), Kriya Yoga training with Marshall Govindan, meditation retreats at Ramana Maharshi's ashram in Tiruvanmalai, meetings with Swami Agnivesh at the outset of the Iraq War.

Interfaith:

Participation and close collaboration with Snowmass interspiritual dialogue founded by Fr. Thomas Keating, numerous retreats and programs at Findhorn Foundation in Scotland, eight-day training retreat with Father Francis D'Sa on Bhagavad Gita and the Gospels, weekend retreat of the Spiritual Paths Institute at Garrison Institute, six-day retreat and numerous courses and workshops with Ravi Ravindra, PhD, several spiritual retreats for social activists at Garrison Institute, and Quaker centers.

Publications by William Keepin

(Listed in reverse chronological order)

Books

Belonging to God: Spirituality, Science, and a Universal Path of Divine Love,
Foreword by Fr. Thomas Keating (Woodstock, VT: Skylight Paths), 2016.

The Song of the Earth: A Synthesis of the Scientific and Spiritual Worldviews,
co-editor Maddy Harland (London, UK: Permanent Publications), 2012.

Women Healing Women: A Model of Hope for Oppressed Women Everywhere,
co-author Cynthia Brix, (Prescott, AZ: Hohm Press), 2009.

Divine Duality: The Power of Reconciliation between Women and Men, contributing
authors Cynthia Brix and Molly Dwyer, (Prescott, AZ: Hohm Press), 2007.

Articles and book chapters

[NB: Publications prior to 1994 were published under the name Bill Keepin]

“Toward an Interspiritual Path of Divine Love: The Supreme Secret in the *Bhagavad Gita* and the Gospels,” in *Culture and Religion - A multicultural Discussion*, H. Jochen and C. Mendonca (Eds.), (Pune, India: Institute for the Study of Religion), November, 2011.

“Divine Duality: Reconciliation between Women and Men,”
co-author Cynthia Brix, *Kosmos Journal*, Spring/Summer, 2008, pp. 34-36.

“Inner Net of the Heart: The Fractal Nature of Consciousness,” in *Mind before Matter: Visions of a New Science of Consciousness*, T. Pfeiffer and John E. Mack, editors, (UK: O Books), 2008.

“The Alchemical Communion: New Frontiers in Gender Healing,” co-authors Molly Dwyer and Diane Haug, *Shift* Issue No. 7, (Sausalito, CA: Institute of Noetic Sciences), May, 2005.

“Breathwork,” survey article in the *The Encyclopedia of Religion and Nature*, Continuum International, New York and London, 2003.

- "Principles of Spiritual Activism," in *Ecovillage Living: Restoring the Earth and her People*, Jackson & Svensson (eds.) (London: Green Books), 2002.
- "Twelve Principles of Spiritual Leadership," in *Timeline*, (Palo Alto, CA: Foundation for Global Community), Spring, 2002.
- "Toward an Ecology of the Heart" in *Creating Harmony: Conflict Resolution in Community*, Gaia Trust Denmark (London, UK: Permanent Publications), pp. 11-22, 1999.
- "Leading with Spirit" in *Voices from the Heart*, E. and D. Shapiro (Eds.), (London: Jeremy Tarcher/Putnam), pp. 249-55, 1998.
- "Science and Spirit: Integrating the Sacred and the Secular," *Timeline*, Palo Alto, CA: Foundation for Global Community, pp. 15-23, Sept./Oct. 1998.
- "Is Our Fate in the Stars? A Dialogue on Astrology," *Noetic Sciences Review* No. 43, (co-author: Roger Walsh), pp. 30-34 and pp. 49-53, Autumn, 1997.
- "The Transformation of Science and Sangha," response to Ken Wilber, *Noetic Sciences Review*, Special 10th Anniversary Issue, p. 21, Winter, 1996.
- "Toward a New Gender Harmony," *Communities* No. 86, pp. 50-52, Spring, 1995.
- "Gender and Planetary Healing: A New Approach," pp. 11-17 and "Gender and Ecology," editorial overview, p. 2, *ReVision* 17 (3), Winter, 1995.
- "David Bohm: A Life of Dialogue Between Science and Spirit," *Noetic Sciences Review*, pp. 10-16, Summer, 1994.
- "Cleaning Up the Grid: Solar Thermal Electricity Generation Development in Australia," *Energy Policy* 22 (4) April, 1994, pp 297-308 (co-authors: David Mills and Anthony Monger), 1994.
- "River of Truth: Life Work of David Bohm," *ReVision* 16 (1), pp. 32-46, Summer, 1993.
- "Baseload Solar Power: Near-term Prospects for Load-following Solar Thermal Electricity," *Energy Policy* (senior author: David Mills), pp. 841-57, August, 1993.
- "ReGendering: The Urgent Need to Heal and Reform Relations Between Feminine and Masculine," Chapter 44 in *Voices on the Threshold of Tomorrow*, (Georg Feurstein and Trisha Feurstein, Eds.), pp. 129-33, Quest Books, 1993.
- "Toward an Ecological Psychology," *ReVision* 14 (2), pp. 90-100, Fall, 1991.

Energy: From Crisis to Solution, founding document for the Energy Foundation, The Presidio, San Francisco, (co-author: Hal Harvey), January, 1991.

“Nuclear Power and Global Warming,” Chapter 13 in *Global Warming: The Greenpeace Report* (Jeremy Leggett, Ed.), pp. 295-316 and pp. 515-520, Oxford University Press, 1990.

Energy Efficiency and the Global Environment, International Foundation for the Survival and Development of Humanity, (senior author: Tim Duane), 1990.

“The Efficiency-Renewable Synergism,” *Energy Policy*, pp. 614-16, (second author: Gregory Kats), December 1989.

Response to UK Atomic Energy Authority and UK Department of Energy, Testimony to UK House of Commons in reply to “Supplementary Memorandum by the UKAEA on the Rocky Mountain Institute Paper” in *Energy Policy Implications of the Greenhouse Effect* (HMSO, London, 1989), (second author: Gregory Kats), Rocky Mountain Institute, May 15, 1989.

“Greenhouse Warming: Comparative Analysis of Nuclear and Efficiency Abatement Strategies,” *Energy Policy* **16** (6), pp. 538-61 (second author: Gregory Kats), December 1988.

“Nuclear Solution to the Greenhouse Effect?” *Elmwood Newsletter* **4** (4), Winter, 1988.

“Caveats in global Energy/Carbon Dioxide Modeling: An Editorial,” *Climatic Change* **13**, p. 233-35, 1988.

“Global Warming,” letter in *Science* **241**, p. 1027 (second author: Gregory Kats), 26 August 1988.

Greenhouse Warming: Efficient Solution or Nuclear Nemesis?, Testimony to U.S. House of Representatives: Joint Hearing on Technologies for Remediating Global Warming, June 29, 1988. Video of this testimony is available online at C-SPAN website: <http://www.c-span.org/video/?3246-1/current-drought-global-warming>.

“The Roles of Models: What Can We Expect from Science?” Chapter 3 in *The Politics of Energy Forecasting*, (Thomas Baumgartner and Atle Midttun, Eds), pp. 33-57 (second author: Brian Wynne), Oxford University Press, 1987.

“Review of Global Energy and Carbon Dioxide Projections,” *Annual Review of Energy* **11**, pp. 357-92, 1986.

“Emission of Carbon Dioxide in the Atmosphere,” Chapter 2 in *the Greenhouse Effect, Climate Change, and Ecosystems* (Bert Bolin *et al.*, Eds.), pp. 35-91 (co-authors: Irving Mintzer and Lars Kristoferson), John Wiley, 1986.

“Global Energy Study,” letter in *Science* **227**, p. 838 (second author: Brian Wynne), February 22, 1985.

“Technical Analysis of IIASA Energy Scenarios,” *Nature* **312**, pp. 691-95 (second author: Brian Wynne) 20/27 December, 1984. See also D. Dickson, “Global Energy Study Under Fire,” *Science* **227**, p. 34, January 4, 1985.

“A Technical Appraisal of the IIASA Energy Scenarios,” *Policy Sciences* **17** (3), pp. 199-276, 1984.

A Critical Appraisal of the IIASA Energy Scenarios, International Institute for Applied Systems Analysis WP-83-104, Laxenburg, Austria, October, 1983.

Chaos in Nonlinear Dynamics: Overview and Application to Logistic Substitution Model, WP-82-86, International Institute for Applied Systems Analysis, Laxenburg, Austria, September, 1982.

“Multi-rate Integration of Two-Time-Scale Dynamic Systems,” (Keepin PhD Dissertation), Vol. 2 of *Solution Methods for Simulation of Nuclear Power Systems*, Electric Power Research Institute, April, 1982.

“A New Functional Form for Representing Vibrational Eigenvalues of Diatomic Molecules. Application to Ionized Molecular Hydrogen Ground State,” *Journal of Chemical Physics* **70** (8), pp. 3881-83 (co-authors: A. Hashemi-Attar, C. L. Beckel, and S. A. Sonleitner), 15 April, 1979.

An Analytic Approach to Electron Depth-Dose in Photographic Film, LAO-208, EG&G Inc. (second author: Donald Cobb), January, 1976.

Selected Unpublished Writings

Spiritual Roots of Social Change, paper commissioned on behalf of the Center for Psychology and Social Change, Department of Psychiatry, Harvard Medical School, 1997.

Science and Spirit, an exploration of the ideas of Jeddu Krishnamurti and Erwin Schrödinger, California Institute of Integral Studies, 1990.

Deeper Implications of Chaos Theory, California Institute of Integral Studies, 1990.

Buddhism and the Environmental Crisis, California Institute of Integral Studies, 1989.

Principal Employment History

Executive Director

Gender Equity and Reconciliation International
Satyana Institute
Lake Stevens, WA 98258
April 1996 to present

Adjunct Faculty

Annually or bi-annually 2001 to present
Holy Names University
Oakland, CA 94117

Adjunct Faculty

periodically 1997 to the present
California Institute of Integral Studies
San Francisco, CA 94117

President

Integral Sustainability Associates
Boulder, CO 80308
October 1994 to March 1996

Program Director

Positive Futures Project
Santa Fe, New Mexico 87505
November 1993 to October 1994

Consulting Physicist

Energy Foundation
San Francisco, CA 94107
January 1991 to October 1993

Research Scholar

June 1987 to August 1988
Rocky Mountain Institute
Snowmass, CO 81654

Hewlett Fellow, Research Associate

September 1985 to April 1987
Princeton University
Center for Energy and Environmental Studies
Princeton Engineering Anomalies Research Laboratory
Princeton, NJ 08544

Research Fellow

February 1984 to April 1985

Beijer Institute (now called Stockholm Environment Institute)

Royal Swedish Academy of Sciences

Stockholm, Sweden

Research Scholar

October 1981 to June 1984

International Institute for Applied Systems Analysis (IIASA)

Laxenburg (near Vienna), Austria

Research Assistant

September 1975 to June 1977

Physics Department

University of New Mexico

Albuquerque, New Mexico