

**William Grassie, Ph.D.**

252 Seventh Ave Apt 8X  
New York, NY 10001  
USA

**Voice:** 215.601.0035 Cell  
**E-Mail:** [william@grassie.net](mailto:william@grassie.net)  
**Website:** [www.grassie.net](http://www.grassie.net)

## **Education**

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- Doctor of Philosophy, Religion Department, Temple University, Philadelphia, PA, August 1994.  
  
*Dissertation: Reinventing Nature: Science Narratives as Myths for an Endangered Planet.*  
*Director:* John Raines. *Advisors:* Gibson Winters, Norbert Samuelson, Laura Levitt.
- Master of Arts, Religion Department, Temple University, Philadelphia, PA, May 1991.
- Russian Language Summer School, Middlebury College in Vermont, Summer 1984.
- Bachelor of Arts in Political Science, *cum laude*, Middlebury College, 1979.
- Junior Year Abroad, Hebrew University, Jerusalem, Israel- Academic Year 1977/1978.

## **Areas of Specialization**

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- Science and Religion
- Scientific Study of Religion, Theory & Method
- Philosophy of Science
- Hermeneutics, esp. Paul Ricoeur
- Metaphysics, esp. A.N. Whitehead

## **Areas of Competence**

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- Comparative Religion
- Environmental Ethics / Bioethics
- Science, Technology and Ethics
- Peace and Conflict Resolution
- Nonprofit Business and Management

## **Academic Positions**

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- Founder and Executive Director, Metanexus Institute, which promotes scientifically rigorous and philosophically open-ended explorations of foundational questions. Managed rapid growth of the organization from 1998 to 2007. Staff of 17, distinguished board of 45 directors, some \$45 million in funding over ten years supporting research and education with 500 university partner projects in 45 different countries. Online journal with over 10,000 subscribers [www.metanexus.net](http://www.metanexus.net); 1998 to 2007.
- Returned as Executive Director in October 2009 to manage reorganization, successfully closing out all contracts with the John Templeton Foundation, reducing operating budget, launching an imprint, redesigning the website with new content management system, and re-conceptualizing the mission. October 2009 to present.
- Adjunct Professor, Jewish Studies Program, City College of New York, Spring 2010.
- Senior Fulbright Fellow, Department of Pali and Buddhist Studies at the University of Peradeniya, Kandy, Sri Lanka, 2007-2008.
- Assistant Professor, Intellectual Heritage Program, Temple University, Philadelphia. 1994-1999.
- Visiting Lecturer, Department of Religious Studies, University of Pennsylvania, Philadelphia, 1995-2001, 2003.
- Visiting Associate Professor, Department of Religion, Swarthmore College, PA, 1999-2000.
- Teaching Assistant, Religion Department, Temple University, Philadelphia. 1989-1994.

## Other Work Experiences

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- **Independent Computer Consultant**, Macintosh and Windows systems and applications, 1989-1999.
- **Real Estate Management and General Contractor**, management of the rentals and repairs of a vacation home in Vinalhaven, ME (1984-2003), a coop house in Philadelphia, PA (1984-1991) and general contractor on the construction of family home, apartment, and barn in Unionville, PA [www.laurelsforge.com](http://www.laurelsforge.com) (1989-1991, 2000-2003).
- **Disarmament Program Coordinator, Friends Peace Committee**, a program of the Philadelphia Yearly Meeting of the Religious Society of Friends (Quakers), Philadelphia. Helped to found the National Nuclear Weapons Freeze Campaign and Co-director of the Pennsylvania Freeze, organized citizen exchanges with the Soviet Union, 1980-1982, 1985-1989.
- **Director, 300th Anniversary Committee for the Germantown Protest Against Slavery**, a non-sectarian project of Germantown Friends Meeting conducted in collaboration with community organizations and churches to revitalize Southwest Germantown, Philadelphia. 1987-1988.
- **Director, U.S. Volunteer Program, Aktion Sühnezeichen Friedensdienste --** Action Reconciliation/Service for Peace, in West Berlin, Germany. 1983.
- **Counselor, Farm and Wilderness Camps**, Plymouth, Vermont; worked with teenagers, taught pottery, rock-climbing, and instituted Peace Studies Program. Summers, 1980, 1979.
- **Research Intern, Center for Defense Information** in Washington, D.C. Fall 1979.
- **Counselor, Beit HaBohnmim** in a slum district of Jerusalem, Israel for five months in an international student live-in, social work program for Sephardic children and teenagers. 1978.
- **Intern, Coalition for a New Foreign and Military Policy**, Washington, D.C., Winter 1977.
- **Summer and college jobs**: managed newspaper routes from age ten to twenty, also worked as golf caddy, busboy, night watchman, farm hand (haymaking, dairy, and poultry), slaughter house, roofing, house painting, dish washer, mover, janitor, swimming pool maintenance, caretaker of multiply handicapped children, apprentice in professional ceramic studio.

## Academic Awards

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- Senior Fulbright Fellow, University of Peradeniya, Kandy, Sri Lanka, 2007-2008.
- Penn Humanities Forum Fellow, University of Pennsylvania, 2003-2004.
- Council for Christian Colleges and Universities, Templeton Oxford Seminars on Science and Christianity, Wycliffe Hall, Oxford University, Summers of 2003 and 2004.
- John M. Templeton Foundation, grant recipient with the University of Pennsylvania in the "Academic Teaching of Science and Religion Program," 1995- 1996.
- Commonwealth Speaker, Pennsylvania Humanities Council, and Delaware Humanities Forum Speaker, 1996-1997.
- Mary Campbell Fellowship, American Friends Service Committee, 1990, 1989.
- Roothbert Fellowship, Roothbert Foundation, 1991, 1990, 1989.
- Institute for Religion in an Age of Science (IRAS), Student Fellow, Star Island Conference on Ecology, 1992, and Star Island Conference on the Neurosciences, 1994.
- Teaching Assistantship, Religion Department, Temple University, 1994-1989. Theology Fund Research Grant, Religion Department, Temple University, 1993.

## Books

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*The New Sciences of Religion*, by William Grassie. New York: Palgrave Macmillan, November 2010.

*Politics by Other Means: Science and Religion in the Twenty-First Century*, by William Grassie. Philadelphia: Metanexus, April 2010.

*The New Narrative: Contemporary Sciences and the Possibilities for Spiritual Progress*, by William Grassie (unpublished study commissioned by the John Fetzer Institute, Kalamazoo, MI), March 2016.

*Applied Big History: A Guide for Investors and Other Living Things*, forth-coming, 2018.

## Edited Books

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*Advanced Methodologies in the Scientific Study of Religious and Spiritual Phenomena*. Edited by William Grassie, Philadelphia: Metanexus, 2010.

*H±: Transhumanism and Its Critics*. Edited by William Grassie and Gregory Hansell, Philadelphia: Metanexus, 2011.

## Book Chapters

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Foreword to *Religion and Human Enhancement: Death, Values, and Morality*. Tracy J. Trothen and Calvin Mercer, co-editors. New York: Palgrave MacMillan, 2017.

"Is God Big Enough for Big History?" in *A 21st Century Debate on Science and Religion*. F. Watts and H. Wiseman. Cambridge, UK, Cambridge Scholars Publishing, 2017.

"A Thought Experiment: Envisioning a Civilization Recovery Plan." In *From Big Bang to Galatick Civilization: A Big History Anthology*. Edited by B. Rodrigue, L. Grinin and A. Korotayev. Dehli: Primus Books, 2016.

Which Humanist Are You? Reflections on our Trans- and Post-Humanity. In *Humanism and Technology: Opportunities and Challenges*. Edited by A. B. Pinn. New York, Palgrave Macmillan, 2016.

"Is Transhumanism Scientifically Plausible? Posthuman Predictions and the Human Predicament." In *Building Better Humans?*, Edited by Hava Tirosh-Samuels and Kenneth L. Mossman, Berlin: Peter Lang, 2012.

"Ecology, Religion, and Science." In *The Encyclopedia of Religion*. Edited by Lindsay Jones and Mircea Eliade. New York: Macmillan Reference, 2005.

"Towards a Constructive Theology of Evolution," for *Science and Religion in the Post-Colonial World*. Edited by Zainal Abidin Bagir, ATF Press: Adelaide, 2005.

"Science, Semiotics, and the Sacred" in *Spiritual Information*. Edited by Charles L. Harper, Jr. Philadelphia: Templeton Foundation Press, 2005.

"Hermeneutics in Science and Religion." In *The Encyclopedia of Religion and Science*. Edited by Wentzel Van Huysstenn. New York: Macmillan, 2003.

## Academic Articles

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"Many Windows: Reflections on Robert Ulanowicz's Search for Meaning in Science" *Axiomathes: An International Journal in Ontology and Cognitive Systems*, Springer, 2012.

"Metanexus 2007: The Challenge Ahead." *Zygon: The Journal of Religion and Science* 43, no. 2 (2008): 297-306.

"The New Sciences of Religion." *Zygon: Journal of Religion and Science* 43, no. 1 (2008): 127-58.

"Nationalism, Terrorism, and Religion: A Bio-Historical Approach" *Law and Society Trust Review*, Sri Lanka, July 2008.

"Entangled Narratives: Competing Visions of the Good Life" *Sri Lanka Journal of the Humanities*, XXXIV (1&2) 2008.

"Postmodernism: What One Needs to Know," *Zygon: Journal of Religion and Science*, 32, no. 1 (1997): 83-94.

"Powerful Pedagogy in the Science and Religion Classroom" *Zygon: Journal of Religion and Science*, 32, no. 2 (1997): 415-21.

"Wired for the Future: Kevin Kelly's Techno-Utopia", *Terra Nova: Nature & Culture*, 2:4, Fall 1997.

"Cyborgs, Tricksters, and Hermes: Donna Haraway's Metatheory of Science and Religion," *Zygon: Journal of Religion and Science*, 31, no. 2 (1996): 285-304.

### **Online Publications**

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N.B. – I have been publishing online since the early days of the Web. Most of my readership is certainly through the Internet, rather than print. Many of these essays began as lectures abroad. Several of my essays have been adopted for university courses. Below is a partial list.

"The Economy of a Single Cell," 2017.

"Climates Change: Get Over It," 2015.

"Applied Big History: Why It Matters to Value Investors," 2014.

"The Great Matrix of Being," published on Metanexus, 2013.

"The Queen of the Sciences," published on Metanexus, 2013.

"Mathematics and the Game of Thrones," published on Metanexus, 2013.

"How to be a Competent Outsider," published on Metanexus, 2013.

"Easter: A Movable Feast," published on Metanexus, 2013.

"Christmas from the Outside In," published on Metanexus 2012.

"Grosse Geschichte: Die Grundlage eines sinnvollen Engagements zwischen Religionen und Naturwissenschaften," published on [www.grassie.net](http://www.grassie.net) 2012.

"Big History Gets Bigger," published on Metanexus, August 2012.

"Energy Solutions from the Perspective of Big History," published on Metanexus, April 2012.

"Telling Time: A Correlated History of the Universe," published on Metanexus, January 2012.

"Peak Humanity," published on Metanexus in October, 2011.

"Climates Change," published on Metanexus, November, 2011.

"Ha! Philosophy of Science in the Comedy Club" published on Metanexus, April 2011.

"Process Ecology in Process: A Review of Robert Ulanowicz's Third Window." published on Metanexus, April 2011.

"Reinventing Science Education for the 21<sup>st</sup> Century," published on Metanexus in November 2010.

“Millennialism at the Singularity: The Limits of Ray Kurzweil’s Exponential Logic,” published on Metanexus, November 2009.

“Problems and Resources in Whitehead’s Process Philosophy,” Presented at Metanexus 2009 in Tempe, AZ, July 19, 2009. Published in Metanexus, 2010.

“In the Heavens as It is on Earth: Astrobiology and the Human Prospect,” published on Metanexus, April 2009.

“The Neurosciences of Religion: Meditation, Entheogens, Mysticism” presented for the Society for the Integration of Science and Human Values at the University of Peradeniya, Kandy, Sri Lanka, November 22, 2007. Published in Metanexus, Vol. 8, Issue 10, January 2008. Translated into Spanish and published in *Tendencias21*.

“The Evolution of Religion: Memes, Spandrels, or Adaptations?” presented for the Society for the Integration of Science and Human Values at the University of Peradeniya, Kandy, Sri Lanka, November 1, 2007.

“The Economics of Religion: Competition, Cooperation, and Spiritual Capital” presented for the Society for the Integration of Science and Human Values at the University of Peradeniya, Kandy, Sri Lanka, October 17, 2007.

“Teaching the History of Nature: Towards an Integrated Science Curriculum” Metanexus, March 2008.

“Metanexus 2006: Conference Keynote Address,” published in Metanexus, 2006.07.26.

“Science, Religion, and the Bomb”, presented at First International Congress on Religion and Science, Tehran, Iran, May 2006, published in Metanexus, May 3, 2006 and republished by the American Iranian Council Update 3:47, July 2006.

“Universal Reason: Science, Religion and the Foundations of Civil Societies”, presented at Notre Dame University, Louaize, Lebanon and National Congress on Science and Religion, Tehran, Iran, May 2005. Published in *The Millennial Lecture Series: Religion & Science Interface 2002-2005*, Notre Dame University Press: Louaize, Lebanon, 2006.

“Biocultural Evolution in the 21<sup>st</sup> Century: The Evolutionary Role of Religion” for ESSSAT, Barcelona, Spain, April 2004 and at ICHS in Beijing, China, July 2005. Published in Metanexus, 3/29/2004.

“Engaged Contemplation for a Troubled World”, Pune, India, January 2005. Published in India.

## Book Reviews

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Review of *Religion Explained: The Evolutionary Origins of Religious Thought* by Pascal Boyer, (New York, Perseus Books, 2001) published by the International Society for Science and Religion Library Project, November 2010.

Review of *When Species Meet* by Donna Haraway (Minneapolis, University of Minnesota Press, 2008) published by the International Society for Science and Religion Library Project, November 2010.

Review of *The Tangled Wing: Biological Constraints on the Human Spirit* by Melvin Konner, Second Edition: Revised and Updated, (New York: Owl Book. 2002) published by the International Society for Science and Religion Library Project, November 2010.

Review of *Science and Religion: A Critical Survey* by Holmes Rolston III (Conshohocken: Templeton Foundation Press [1987] 2006) published by the International Society for Science and Religion Library Project, November 2010.

Review of *Truth and Tension in Science and Religion* by Varadaraja V. Raman (Center Ossipee, NH Beech River Books, 2009) published by the International Society for Science and Religion Library Project, November 2010.

“A Thought Experiment: Envisioning a Civilization Recovery Plan,” a review of David Christian’s *Maps of Time: An Introduction to Big History*, Berkeley, University of California Press, 2004. Published in Metanexus, December 2009.

"Post-Darwinism: The New Synthesis," a review of Scott F. Gilbert and David Epel's Ecological Developmental Biology *Integrating Epigenetics, Medicine, and Evolution*, (Sunderland, MA: Sinauer 2009). Published in Metanexus, October 2009.

"Universalism and Particularism: Judaism in an Age of Science" A review of Norbert Samuelson, *Jewish Faith and Modern Science: On the Death and Rebirth of Jewish Philosophy*. New York: Rowman and Littlefield, 2009. Published in Metanexus, May 2009.

"A Teachable Moment: Our Common Story", published on metanexus.net, January 2009.

"Eating Well Together: Donna Haraway's Companion Species Manifesto", published in Metanexus, December 2008.

"Review of Michael Dowd's *Thank God For Evolution!: How the Marriage of Science and Religion Will Transform Your Life*, review published on Metanexus, March 6, 2008.

"Re-reading Economics: In Search of New Economic Metaphors for Biological Evolution" A review of Eric D. Beinhocker, *The Origin of Wealth: Evolution, Complexity, and the Radical Remaking of Economics*, Harvard Business School Press, 2006; published in Metanexus, May 2007.

"Useless arithmetic and Inconvenient Truths" A Review of *Useless Arithmetic: Why Environmental Scientists Can't Predict the Future* by Orrin H. Pilkey and Linda Pilkey-Jarvis, Columbia University Press, 2007; published in Metanexus, April 2007.

## **Other Publications**

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"How a Small Nonprofit Made Simple Tech Tweaks and Saved \$176,000." *The Chronicle of Philanthropy*, 2/20/2011.

*Sri Lanka Impressions: Photographs from a Troubled Paradise*, self-published, 2008.

"Leeches on the Road to Enlightenment", published in Metanexus, 4/2008.

"Sleepless in Tehran", published in Metanexus, 3/20/2007.

"Beyond Intelligent Design, Science Debates, and Culture Wars", Metanexus, March 2005. Republished on Beliefnet.com.

"Ten Reasons for the Constructive Engagement of Science and Religion," Metanexus, May 2001.

"Human Creativity in an Evolutionary Context", Metanexus, August 2000.

"Time Enough for Love," *Science & Spirit*, (9:2), June 1998.

"Science as Epic?", *Science & Spirit*, (9:1), March 1998.

"A Low-Tech Obstacle to a Higher-Tech Future: The Keyboard Problem" on the American Association for Higher Education Moderated Listserv, March 1995 (published in *Edutech Report*, May 1995.)

"Changing Education," Opinion Editorial, *Kennett Paper*, September 15, 1994.

"For Democracy, Redesign the Senate", Opinion Editorial, *Philadelphia Inquirer*, August 28, 1987.

"Quakers and Germany", *Friends Journal*, December 1, 1983.

"Where does the German Peace Movement go from here?", *Signs of Reconciliation*, Autumn 1983

"Ansprache in Krefeld am 25. Juni 1983 als Vertreter der Freeze-Bewegung aus Philadelphia" *Der Quäker: Monatsschrift der deutschen Freunde*, October 1983.

"But What Can I Do", *Middlebury College Magazine*, Spring 1982.

"Dealing with Dread", *Fellowship*, January/February 1981.

"The Race for Counterforce Capability", *Middlebury College Magazine*, Summer 1979.

### **Academic Teaching Experiences**

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A dated Teaching Portfolio is available upon request

- **The History of God**, Jewish Studies Program, City College of New York, Spring 2010.
- **The New Sciences of Religion**, University of Peradeniya, Spring 2008.
- **A Short Course on Everything: Introduction to Science and Religion**, University of Peradeniya, Fall 2007.
- **Becoming Human: Evolution of Religion**, University of Pennsylvania, Fall 2003.
- **Problems in Modern Religious Thought**, Swarthmore College, Fall 1999.
- **Science and the Sacred**, University of Pennsylvania, Spring 1996, Fall 1996, Summer Session 1998.
- **Intellectual Heritage**, two semester, writing intensive, core curriculum of great books in philosophy, literature, religion, and science from ancient and modern periods, Temple University, 1994 -1998.
- **Cosmos and Creation**, co-taught with Norbert Samuelson, Temple University, Spring 1997.
- **Introduction to Asian Religions**, Senior Lecturer, University of the Arts, Philadelphia, 1994.
- **Death and Dying**, Temple University, Fall 1992
- **Introduction to World Religions**, Temple University, Spring 1992, Spring 1993.
- **Introduction to Western Religions**, Temple University, Fall 1991.
- **Introduction to Asian Religions**, Temple University, Fall 1989, Spring 1991, & Spring 1994.
- **Religion and Society**, Comparative Religious Ethics, Temple University, Spring & Fall 1990.

### **Non-Academic Teaching Experiences**

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- **Science and the Sacred**, a four part study course for adult learners. First taught at St. David's Episcopal Church in Wayne, PA over four months in 1998-1999 with over 90 participants.
- **Social Witness for the 21st Century**, a nine week course for the resident students at Pendle Hill: A Quaker Retreat and Study Center, Spring 1993 and Spring 1994.
- **Quakerism 101: Faith and Practice** (A six session adult education program for Quaker Meetings): Downingtown MM, Fall 1993; Germantown MM, Fall 1994.
- **Quakerism 201: Faith and Witness** (A six session adult education program for Quaker Meetings): Goshen MM, Winter 1989; Kennett MM, Fall 1989; Plymouth MM, Winter 1991; Downingtown MM, Spring 1991: and London Grove MM, Fall 1991.
- **Youth Leadership Training**, designed and organized a four day program for 75 urban teenagers. Workshops were conducted on goal setting, community building, affirmation, unlearning racism, and nonviolence. Program was part of the 300th anniversary observance of the Germantown Protest Against Slavery in April 1988.
- **Vorbereitungs Seminar**, group leader in a four week training for new volunteers from *Aktion Sühnezeichen/ Friedensdienste*. Training program was an intensive encounter with German history and society around issues

related to the Holocaust. Program included a ten day visit to Poland with an extended study-work camp at Auschwitz. March 1983 and September 1983.

- **Re-Storying Ourselves Though Mythic Drama**, four and five day workshops for twenty and thirty people respectively at Friends Conference on Religion and Psychology, May 1994, and Friends General Conference, July 1994 (co-taught with former wife, Babette Jenny, Psy.D.)

### **Partial List of Presentations**

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“Your Hunter-Gatherer Brain: Why It Matters to Value Investors,” at the annual research retreat of Canyon Partners, a hedge fund with \$20B under management, September 9, 2015.

“Climates Change —Get Over It!” at meeting of the International Society for Science and Religion at the American Academy of Religion, San Diego, November 22, 2014.

“Posthumanist Predictions and the Human Predicament,” Institute for Humanist Values, Rice University, November 15, 2014.

“Applied Big History: Why It Matters to Value Investors” at the annual research retreat of Canyon Partners, a hedge fund with \$20B under management, September 10, 2014.

“Angels and Demons: The Evolutionary Psychology of Religious Violence” A response to Mark Juergensmeyer at the Institute for Religion in an Age of Science annual conference, Star Island, NH, August 5, 2014.

“Our Common Story: The Interpretation of Big History,” TEDxEast, September 10, 2013.

“Große Geschichte: Die Grundlage eines sinnvollen Engagements zwischen Religionen und Naturwissenschaften,” at the RSNJ-Jahreskongress hosted by the Akademie der Diözese Rottenburg-Stuttgart, Germany, September 2012.

“The Nature and Nurture of Complexity” at the first conference of the International Big History Association in Grand Rapids, MI, August 2012.

“The Posthuman Present,” closing reflections at the faculty seminar on Transhumanism at Arizona State University, April 2012.

“The New Sciences of Religion” presented at Yale Divinity School, November 14, 2011.

“Buddhist Ethics Naturalized” panel discussion at conference on “Contemporary Perspectives on Buddhist Ethics” at Columbia University, October 5, 2011.

“Posthuman Predictions and the Human Predicament: Is Transhumanism Scientifically Plausible?” the Bioethics Center, Yale University, September 28, 2011.

“Big History: Engaging the New Narrative of Science” presented at “Belief in Dialogue: Science, Modernity, and Culture” at the American University of Sharjah for the British Council, June 23, 2011.

“Something More from Nothing But? Reductionism and Emergence in Science,” a dialogue with Shobo Bhattacharya as part of the Rubin Museum of Art’s Fall 2010 lecture series on “Nothingness,” November 22, 2010.

“Science, Secularization, and Judaism,” presented at the American Academy of Religion as part of a panel on Judaism and Science, November 2, 2010.

“Eco-Evo-Devo: The New, New Synthesis,” presented at “Beyond Mechanism in Biology” at the Center for Process Thought, Claremont School of Theology, July 21, 2010.

“The Economics of Religion and the Religion of Economics,” presented at Bryn Mawr Presbyterian Church, January 13, 2010.



"The Medicine of Religion: Exploring the Nexus between Spirituality and Health" presented for the Society for the Integration of Science and Human Values at the University of Peradeniya, Kandy, Sri Lanka, January 31, 2008.

"Towards a Constructive Theology of Evolution," presented at an international conference on science and religion at Gadjah Mada University in Yogyakarta, Indonesia, January 2003.

"Biocultural Evolution in the 21<sup>st</sup> Century: The Evolutionary Role of Religion," presented at the University of Pennsylvania, Yale University, and the Université de Montréal in 2002, ICHS in Beijing, China, 2005.

"The Primordial Word: Genetics, Ethics, and Religion," Valley Forge United Church of Christ, February 2001 and Berwyn Presbyterian Church, April 2001.

"The Sciences of Religion Revisited," PowerPoint lecture presented at Mercyhurst College in Erie, PA; CTNS Winter Workshop in Berkeley, CA; University of Pennsylvania, PA; University of Tehran, Iran; University of Peradeniya, Sri Lanka; Katmandu, Nepal.

"IH Online Now," webmaster, editor, and contributing author to an extensive online resource for Temple University's Intellectual Heritage Program with over 400 documents. <<http://www.oll.temple.edu/ih>>

"The Quest for the Holy Grail: Beyond the Productivity Paradox in Higher Education," Multimedia presentation at the Technology Showcase at Temple University on June 4, 1998.

"DSM V Axis II Computer Relational Disorders or How to Integrate Technology into the Teaching and Practice of Psychiatry," multimedia presentation for Grand Rounds at the Department of Psychiatry, Temple University Medical School, February 1998.

"The Epidemiology of Computers and the Future of Medical Education," multimedia presentation and training to the faculty of the Temple University Medical School on February 25, 1997.

"'The Nine Laws of God': Kevin Kelly's *Out of Control* Techno-Utopic Program for a *WIRED* World," multimedia presentation at the Theology and Science Working Group of the American Academy of Religion in New Orleans, November 1996.

"Virtue(d) Reality: Socratic Pedagogy in the Virtual Classroom," multimedia presentation at EDUCOM '96 Conference in Philadelphia, October 1996 and at Syllabus Conference at Drexel University, October 1997.

"Science and the Sacred," multimedia presentation for the Pennsylvania Humanities Council and the Delaware Humanities Forum, presented at over a dozen venues in Pennsylvania and Delaware from 1997 and 1998.

"Reinventing Nature," multimedia presentation for the Pennsylvania Humanities Council and the Delaware Humanities Forum, presented at two venues in Pennsylvania from 1997 and 1998.

"An Inescapable Network of Mutuality: The Use of E-mail and Listserv in the Intellectual Heritage Program," multimedia presentation to the faculty seminar, February 27, 1995.

"Science and Religion: Who, What, When, Where, How and Why," presentation at the Templeton Winter Workshop on Science and Religion in Tallahassee, FL, January 1999.

"The Primordial Word: Continuing Revelation in our Social-Biophysical Conversations," presentation at the Templeton Summer Workshop on Science and Religion in Chicago, IL, June 1998.

"Postmodernism, Science, and Religion," presentation at the Templeton Winter Workshop on Science and Religion in Tallahassee, FL, January 1997.

"Powerful Pedagogy in the Science and Religion Classroom," presentation as a lecture at the Templeton Foundation's Winter Workshop on Teaching Science and Religion in Tallahassee, FL, and in Berkeley, CA in January 1997.

"Cyborgs, Tricksters, and Hermes: Donna Haraway's Metatheory of Science and Religion," at the American Academy of Religion's Triregional Conference, Boston, March 1995.

"Quaker Epistemology: Towards a Friendly Philosophy of Education," presentation to the Friends Association for Higher Education, Haverford College, June 1995.

"Teaching Gandhi: Nonviolence as Epistemology," a presentation to the faculty seminar of the Intellectual Heritage Program, March 1995.

"The Collapse of the Nature-Culture Distinction at the End of the Cenozoic Era: The Figurative and the Literal", presentation to the Portrack seminar on Post-Modern Ecology, Santa Monica, March 1995.

"Computer-Mediated Communications as an Enhancement of the Core-Curriculum at Temple University", a report on an Experiment with the Use of E-mail and Class-based Listservers, Fall 1994.

## **Grants and Projects Organized**

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- "Opportunities and Challenges in the Teaching of Big History," a panel discussion at the Harvard Club of New York, September 21, 2013.
- Metanexus Online [www.metanexus.net](http://www.metanexus.net), \$950k in multiple grants from the John Templeton Foundation over four years for editing online journal on science and religion, 8000 essays, 9000 subscribers, 300,000 page views per month. 1997 to 2002.
- Spiritual Transformation Scientific Research Project, \$700k administration budget to run a \$2.2m request-for-proposals for social scientific research in the phenomena of spiritual transformation, 472 qualified letters-of-intent received, 60 invited to attend an interdisciplinary research conference in October 2002, and 24 projects selected, 2001 to 2010.
- Templeton Research Lectures on the Constructive Engagement of Science and Religion, \$200,000 administration budget to run a \$600,000 request-for-proposals for a three-year interdisciplinary project with grants going to Columbia University, the University of California in Santa Barbara, Stanford University, Bar Ilan University, the University of California in Los Angeles, and the Université de Montréal, 1999 to the present. Recently renewed for eight years with funding increased to \$1.5 million administration budget with over \$3 million to be distributed to 9 research universities going to teams at Boston University, John Hopkins University, Arizona State University, Stony Brook University, Universität Frankfurt, University of Pennsylvania, Vanderbilt University, University of Arizona, and the University of Southern California.
- Local Societies Initiative, \$1,250,000 administration budget from John Templeton Foundation to run a \$3,900,000 request-for-proposals for small grants to support the formation of 200 societies world-wide dedicated to the exploration of science and religion, 2000 to 2010.
- Research and Book Writing Grants, \$150,000 administration budget to run a \$700,000 request-for-proposals for seven grants to support new book publications, 1998 to 2000.
- Future Visions, State of the World Forum 2000, organized and managed a four-day consultation hosted by the John Templeton Foundation and the International Space Science Organization in parallel to the State of the World Forum in New York City, along with a series of four workshops in September 2000.
- Science and Ultimate Reality, March 2002, a \$600,000 grant from the John Templeton Foundation and the Peter Gruber Foundation to run a four-day conference for 300 of the world's leading physicists in honor of John Archibald Wheeler's 90<sup>th</sup> birthday and to publish a video of the proceedings on DVD and an edited book with 30 contributors due in 2003.
- International Society for Science and Religion, a \$240,000 grant to organize and manage the founding conference in Granada, Spain for this new learned society, 2002.
- Amazing Light: The Frontiers of Discovery, October 2005, a \$1m grant to organize a three-day symposium and book in honor of Charles Townes, at University of California Berkeley
- Spiritual Capital, a \$4,000,000 request-for-proposals to distribute 3 center grants going to George Mason University, University of Southern California, and the University of Texas at Austin, as well as 10 individual research grants, including symposia, on the dynamics of religion and economics. 2004-2010.

- Templeton Advanced Research Project, a \$4.6 million request-for-proposals to fund new and innovation research design on religion and spirituality in the areas of health and healing, human flourishing, and competitive dynamics in the cultural evolution of religion. 2004-2010.
- Metanexus Global Network Initiative, a \$8.9 million to run a small grants project for the formation of interdisciplinary groups in universities around the world to explore big questions in science, 2007 to 2009.

## Languages

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German	Excellent Reading and Speaking, Active
Hebrew	Completed Gimel in Ulpan System (Dormant)
Arabic	Palestinian Colloquial in Latin Transcription (Dormant)
Russian	Completed Nine-Week Immersion (Dormant)
Spanish	Equivalent Two-Years University Training (Dormant)

## Skills

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Strategic Planning	Nonviolence and Conflict Resolution
Budgeting and Project Administration	Multicultural and Unlearning Racism Training
Team-Building	Participatory Pedagogy
Event Planning	
Public Relations	<u>Computers:</u>
Graphic Design	- Advanced User of all Microsoft Office Apps
Grants Management	- Photoshop, Aperture, InDesign, Dreamweaver
Proposal Writing	- Google Apps, Google AdWords
Meeting Facilitation	- FileMaker (Advanced Database Design of CRM)
Program Metrics and Evaluation	- Quickens and QuickBooks
Curriculum Design	- Salesforce, Constant Contact
	- Drupal CMS, WordPress CMS

## Membership

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- American Academy of Religion
- American Philosophical Association
- Advisory Board of the John Templeton Foundation, 2000-2007
- Board of American Friends of Action Reconciliation/Service for Peace, 1989 – 1992.
- Buck and Doe Land Trust, Treasurer, 1992-1996.
- Institute for Religion in an Age of Science, Vice President for Interdisciplinary Affairs, 1996-2002.
- Interfaith Council on the Holocaust, Board Member, 1985-1991.
- Religious Society of Friends (Quakers), membership:  
Middlebury 1979; Chestnut Hill 1981; Berlin 1983; Germantown 1985; Kennett 1990.

## Personal Background

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Married, divorced, re-married. I have two daughters, ages 31 and 33. Enjoy many sports – hiking, skiing, sailing, scuba, tennis, yoga, dance. Amateur photographer. Dual citizen: USA and Switzerland. Born 1957 in Wilmington, Delaware to Canadian parents. References available.