

# CURRICULUM VITAE

## James E. Beichler

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## PERSONAL

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I am completely dedicated to bettering the human condition through education in all of its various aspects as well as advancing human knowledge through research. I know all too well that formal education as well as learning in general is empty without a growing knowledge base, both practical and theoretical. Since the human condition improves and progresses through increasing knowledge and the application of that knowledge, the search for new knowledge and understanding in nature is a primary aspect of furthering the educational process. Therefore, I am also dedicated to pure research in both physics and the history of science. I do not separate science from its history, nor can I separate the history of science from science itself. They are one in the same; science is its history. In particular, I am conducting basic research in the **physics of consciousness** as well as working toward a unified field theory in physics, including an explanation of the deepest mysteries in cosmology and nuclear structure. As part of this research program, I am actively participating in historical studies of the development of modern physics and non-Euclidean geometries as well as the history of our scientific and cultural attitudes toward the concept of human consciousness.

## EDUCATION

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- 1967-1974     **University of Akron.** B.S. in Physics plus 42 hours of graduate credit in Physics.
- 1977-1981     **San Francisco State** University. M.A. in Physical Science with specialization in Physics.
- 1981-1992     **University of Maryland,** College Park. M.A. plus Doctoral studies in the History of Science.
- 1995-1999     **The Union Institute and University.** Ph.D. in Paraphysics with specializations in Theoretical Physics, the History and Philosophy of Science, and Parapsychology.

## EMPLOYMENT

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1974-1975	<b>English Instructor, Imperial Iranian Air Force,</b> Tehran, Iran. Taught English as a Foreign Language to Air Force Personnel. School Commander: Col. Hatimi
1976-1977	<b>English Instructor, OTC Incorporated, Osaka, Japan.</b> Taught English as a Foreign Language in the Business Community. Director: Mr. Hotta

1979-1981	<b>Physical Science Technician, US Army Corps of Engineers</b> , South Pacific Div Lab, Sausalito, CA Conducted physical testing in Geology, Soils and Chemistry (GS-7, 1040 hrs.) Lab Director: Malcolm Sullivan; Supervisor: Paul Hecht (Geologist)
1981-1985	<b>Teaching Assistant, University of Maryland</b> , College Park, Maryland. Taught in both the History and Physics Departments. Advisor: Dr. Stephen Brush
1984-1987	<b>Instructor, Prince Georges Community College</b> , Largo, Maryland. Taught Physics, full-time non-tenure track for one year and then part-time. Physical Science Chair: Dr. Vera Stravkovich
1986-1987	<b>Research Assistant, Smithsonian Institute</b> , Washington, DC. Conducted library and other historical research for the Curator of Modern Physics, Dr. Paul Forman (GS-7, 1040 hrs)
1987-1991	<b>Lecturer, University of Maryland</b> , European Division, Heidelberg, Germany. Taught Physics, History and Mathematics at US Military bases in Europe. Science and Math Director: Dr. Sam Thompson (GSE-12)
1991-1998	<b>Instructor, Cuyahoga Community College</b> , Cleveland , Ohio. Taught Physics as well as tutored Mathematics and Chemistry. Lead Physics Professor: Terence Vacha
1999-2001	<b>Assistant Professor of Physics, Salem International University</b> , Salem, West Virginia. Teaching Fundamental Physics, Physical Sciences, Computers and Mathematics. Provost: Dr. Susan Bakaitis; Math and Science Chair: Dr. Sandra Gum
	2001-2008 Associate Professor of Physics, West Virginia University at Parkersburg Teaching Fundamental Physics, Mathematics, the History of Science and developing Special Topics courses in Advanced Physics. NSM Div Chair: Gary Waggoner. I will be leaving WVUP in May 2008 after seven years of exceptional performance as noted by very high yearly evaluations. I was denied tenure (in spite of my excellent teaching record and unique contributions to the school) because of low enrollment in the basic Physics courses.

## PROFESSIONAL PUBLICATIONS AND PRESENTATIONS

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(1980, 1999) ***A five-dimensional continuum approach to a unified field theory.*** Physical Science Master's Thesis, San Francisco State University; Published in *Yggdrasil: The Journal of Paraphysics*, 2, 2: 101-203. Online. WWW. Available at <<http://members.aol.com/Mysphyt1/yggdrasil-2/kal1x.htm>>

(1985) ***The Riemann Program: Changes in the Concept of Absolute Space, 1854-1905.*** History of Science Master's Thesis, University of Maryland.

(1988) **"Ether/Or: Hyperspace Models of the Ether in America."** *The Michelson Era in American Science, 1870-1930.* American Institute of Physics Conference Proceedings, #179. Eds. Stanley Goldberg and Roger H. Stuewer. New York: American Institute of Physics, 1988: 206-223.

(1991) **"Twist 'til we tear the house down."** Originally presented at the Third Annual Conference on Relativity and Gravitation, June 1991, University of Pittsburgh, Jamestown Campus; This paper was submitted and accepted for publication in *Isis* with modifications in 1992. The modifications were made and the paper was resubmitted to *Isis*, but a new editor had changed the direction of *Isis* and denied publication of the paper. Subsequently published in *Yggdrasil: The Journal of Paraphysics*, 1 (Winter Solstice 1996). Online. WWW. <[members.aol.com/jebco1st/Paraphysics/twist1.htm](http://members.aol.com/jebco1st/Paraphysics/twist1.htm)>. The paper will be

republished in Volume 2 of *Ether, Space-Time and Cosmology*, edited by Michael Duffy. Liverpool: PD Publications, 2009.

(1996) **"Ether/Or: Spiritualism and the Roots of Paranormal Science."** *Yggdrasil: The Journal of Paraphysics* I, Issue 1 (Winter solstice). Online. WWW. Available at <<http://members.aol.com/jebco1st/Paraphysics/spirit1.htm>>

(1997) **"The Psi-ence Fiction of H.G. Wells"**. *Yggdrasil: The Journal of Paraphysics* 1, Issue 2 (Summer). Online. WWW. At <<http://members.aol.com/Mysphyt1/yggdrasil-2/Psifi.htm>>

(1997) Beichler, James E. **"Up, Up and Away! The fifth dimension in physics."** *Yggdrasil: The Journal of Paraphysics*, 1, 2 (Summer): 128-157. Online. WWW. Available at <<http://members.aol.com/Mysphyt1/yggdrasil-2/kal1x.htm>>

(1999) ***The Paraphysical Principles of Natural Philosophy***. Doctoral Dissertation, The Union Institute. Two chapters published online as "TOEs, fingers and the nose on your face." *Yggdrasil: The Journal of Paraphysics* I, Issue 4 (Winter solstice). Available at <<http://members.aol.com/yggdras/paraphysics/toe1.htm>>; and "Strange facts find a theory: A new dimension for psi." *Yggdrasil: The Journal of Paraphysics* I, Issue 4 (Winter Solstice). Available at <<http://members.aol.com/yggdras/paraphysics/newdim.htm> >

(1999) **"Single Field Unification and Consciousness."** *Frontier Perspectives* 8, 2: 7-14.

(1999) **"Single Field Unification and „Quantum“ Consciousness"**. Presented at the "Quantum Approach to Consciousness" Conference, 28 July-2 August, Flagstaff, Arizona.

(2000) **"Cross Purposes or Crossed Paths: Science, Psi and Religion."** 2000 Ashby Award paper for the Academy of Religion and Psychical Research. Published in the *Journal of Religion and Psychical Research*, 2001.

(2000) **"Life and Death in the Big City: The Geometrical Structure of Dying"**. *Yggdrasil: The Journal of Paraphysics* 2, 7 (All Hallows Eve). Online. WW W. Available at <[members.aol.com/jebco1st/Paraphysics/nde.htm](http://members.aol.com/jebco1st/Paraphysics/nde.htm)>

(2001) **"The SOFT Nucleus."** *Yggdrasil: The Journal of Paraphysics* 3, 1 (Winter Solstice): 49-56. Online. WWW. At <<http://members.aol.com/Mysphyt1/yggdrasil-9/SOFT.htm>>

(2001) **"To Be or Not to Be! A 'Paraphysics' for the New Millennium."** Presentation for the Nineteenth Annual Society of Scientific Exploration Meeting, June 2000, Kings College, London, Ontario, Canada. Published in the *Journal of Scientific Exploration*, 15, 1: 33-56.

(2001) **"From Paraphysics to Cosmic Consciousness: The Endgame."** The Academy of Religion and Psychical Research, *2001 Annual Conference Proceedings*: 70-82; Presentation for the ARPR Twenty-Sixth Annual Conference, "Cosmic Consciousness, Near-Death Experiences and the Afterlife," Friday, June 8, 2001 to Sunday, June 10, 2001, Hastings Hotel and Conference Center, Hartford, Connecticut.

(2002) **"The relationship between Physics, Death and Communication."** The Academy of Religion and Psychical Research, *2002 Annual Conference Proceedings*: 40-52; Presented at the Twenty-Seventh Annual Conference of the Academy of Religion and Psychical Research, "Mediumship: A Gateway to other Dimensions of Existence," 23 to 26 June 2002, Rosemont College, Rosemont, Pennsylvania.

(2003) **"From Spiritualism to Spirituality: The scientific quest to explain the psychological aspects of human nature"**. The Academy of Religion and Psychical Research, *2003 Annual Conference Proceedings*. Presented at the Twenty-Eighth Annual Conference of the Academy of Religion and Psychical Research, "The Varieties of Religious and Psychical Experiences".

(2004) **"The Biofield: Life as a Hyper-Dimensional Quantity"**. Presented at the Annual Meeting of the U.S. Psychotronics Association, 16 to 18 July 2004, Columbus, OH. Published in the *Proceedings*, #13: 5-24.

(2004) **"Alternative Physical Models of the Universe"**. *MISAHA Newsletter*, #36-39: 14-22; Republished in *Life and Mind: In Search of the Physical Basis*, edited by Savely Savva. Victoria, B.C.: Trafford, 2007: 239-261.

(2004) **"I See Dead People: Don't You?"** Presented at the Twenty-Ninth Annual Conference of the Academy of Religion and Psychical Research, "The Sixth Sense and Beyond". Published in the *2004 Annual Conference Proceedings*.

(2004) **"A Universe of Purpose"**. "Power of Purpose Essay Competition", 31 May 2004; Published as Chapter 8 of *To Die for: The physical reality of conscious survival*, 2008.

(2004) **"The Consciousness Chase: Anatomy of a Problem and Its Solution"**. *Journal of Religion and Psychical Research* 27,2: 104-115.

(2005) **"Muggles, Matrix and Silmaril: The Pride of Modern Mythologies"**. Presentation for the Academy of Religion and Psychical Research, "Mythology, After-Death Communication and the Soul", Summer 2005. Published in the *Journal of Religion and Psychical Research* (2007).

(2005) **"The Subtlety of Psi and the Paranormal"**. Presented at the Annual Conference of the US Psychotronics Association, "Integrating Subtle Energies, Science and Intuition". Published in the *Proceedings* Volume #14: 65-73.

(2006) **"Science at the Cartesian Crossroads: Mind and Matter or a Ghost in the Machine"**. Presented at the Annual Meeting of the USPA, Flamingo Hotel, Laughlin, NV, 14-17 July 2006. *Mind, Man and Machine, U.S. Psychotronics Association Proceedings*, Vol #15: 1-16.

(2006) **"Trend or Trendy: The Development and Acceptance of the Paranormal by the Scientific Community"**. Presented at the Annual Meeting of the Academy of Spirituality and Paranormal Studies, Inc., "Paranormal Experience and Spirituality". Published in the *2006 Annual Conference Proceedings*.

(2007) **"Three Logical Proofs: The five-dimensional reality of space-time."** *Journal of Scientific Exploration* 21, 3. Available at <<http://www.scientificexploration.org/journal.html>>

(2007) **"Let There Be Light: The Scientific Bleep on the Afterlife"**. Presented at the Annual Meeting of the Academy of Spirituality and Paranormal Studies, Inc., "What the Bleep Do We Know About Life After Death". Published in the *2007 Annual Conference Proceedings*.

(2008) **"To Die For! The afterlife as theoretical science"**. Presented at the Annual Meeting of the Academy of Spirituality and Paranormal Studies, Inc., "Beyond the Veil: Evidence for Life After Death". Published in the *2008 Annual Conference Proceedings*: 108-123.

(2008) **"Orbium Coelestium: Scientific Anomalies, Ghosts, Over Enthusiasm or Misplaced Biases?"** A Workshop at the Annual Meeting of the Academy of Spirituality and Paranormal Studies, Inc., "Beyond the Veil: Evidence for Life After Death". Published in the *2008 Annual Conference Proceedings*: 133-138.

(2008) *To Die For: The physical reality of conscious survival*. Victoria, B.C.: Trafford.

(2008) **"Relativity, the Surge and a Scientific Revolution"**. Presented at the 2008 Conference on the Physical Interpretation of Relativity Theory, Imperial College, London, 14-17 September 2008. Published in the *Proceedings*. Available at <[http://www.physicsfoundations.org/PIRT\\_XI/texts.html](http://www.physicsfoundations.org/PIRT_XI/texts.html)>

(2008) "**The Fundamental Nature of Relativity**". Presented at the 2008 Conference on the Physical Interpretation of Relativity Theory, Imperial College, London, 14-17 September 2008. Published in the *Proceedings*. Available at [http://www.physicsfoundations.org/PIRT\\_XI/texts.html](http://www.physicsfoundations.org/PIRT_XI/texts.html)

(2008) "**Nothing is Dark in the New Physics**". Delivered 10-11 October 2008, Ohio Section APS, Wright State University. Published online at <[sosaapt.org/documents/NothingDark.docx](http://sosaapt.org/documents/NothingDark.docx)>

(2009) "**The Space-Curvature Theory of Matter and Ether 1870-1920**". In *Ether, Space-time & Cosmology, Volume 2, New insight into key physical medium*. Edited by Michael C. Duffy and Joseph Lévy. Apeiron.

(2009) "**The Physical Origins of Dark Matter and Dark Energy: Exploring Shadows on the Cave Wall**". In *Ether, Space-time & Cosmology, Volume 3, Physical vacuum, relativity and quantum physics*. Edited by Michael C. Duffy and Joseph Lévy. Apeiron.

(2010) *Evo: The next step*. Victoria, B.C.: Trafford.

(2010) "**Consciousness and Consequences**". Under publication in *Consciousness – forever*. Edited by Ingrid Frederickson.

(2010) **Great Expectations by scientific Prediction: A typical day in the afterlife**. To be presented before the ASPSI annual meeting at Kutztown University, PA, June 2010. To be published in the *2010 Annual Conference Proceedings*.

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Many other articles have been published online, especially in my online journal *Yggdrasil: The Journal of Paraphysics*, but are not listed here. Only those articles from the *Yggdrasil* that have been quoted or copied elsewhere have been listed above. Also, many more presentations have been given at professional meetings and conferences, but they were not listed unless published in some manner afterwards.