

CURRICULUM VITAE



DEAN FALK

January, 2016

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EDUCATION

1972-1976 University of Michigan, Ph.D. in anthropology, 1976.
1967-1972 University of Illinois, Chicago Campus; major in anthropology, minor in mathematics. Bachelor of Arts with honors, 1970; Master of Arts, 1972.
1964-1965 University of Washington; major in mathematics.
1962-1963 Antioch College, major in mathematics.

EMPLOYMENT HISTORY

2014-current Distinguished Research Professor, Florida State University
2010-current Senior Scholar, School for Advanced Research; Santa Fe, New Mexico
2003-current Hale G. Smith Professor of Anthropology, Florida State University
2008-2009 Resident scholar, School for Advanced Research; Santa Fe, New Mexico
8/2002-5/2008 Chair, Department of Anthropology, Florida State University
2001-2003 Professor of Anthropology, Florida State University
1988-2001 University at Albany, State University of New York: Professor of Anthropology
1991-2001 University at Albany, State University of New York: Adjunct Professor of Psychology
1991-1992 New York University: Visiting Professor of Anthropology
1986-1988 Purdue University: Associate Professor of Anthropology
1980-1986 University of Puerto Rico, School of Medicine: Asst., Assoc. (1982) Prof. of Anatomy
Caribbean Primate Research Center: Curator Primate Skeletal Collection (1982-86)
1979-1980 Boston University: Assistant Professor of Health Sciences
1977-1979 Southern Illinois University, Carbondale: Assistant Professor Anthropology
1976-1977 Rollins College, Winter Park, Florida:
Assistant Professor of Anthropology (one year replacement for faculty member on leave)

HONORS AND APPOINTMENTS

- 2014 Named Distinguished Research Professor, Florida State University
 2007-2009 Appointed member Scientific Advisory Council, EURAC Institute for Mummies and the Iceman, Bolzano, Italy
 2004-2009 Appointed member Iceman Board of Directors (scientific advisory board), Bozen, Italy
 2004-2007 Appointed member International Advisory Board of the Institute for Palaeoenvironment, Human Evolution and Cultural Anthropology, Mekelle University, Ethiopia
 2003 Decorated with the Austrian Cross of Honor for Science and Art, 1st class
 2003 Named the Hale G. Smith Professor of Anthropology, Florida State University
 2000 Elected fellow of the American Association for the Advancement of Science
 2000 -2002 Invited member of the United States National Committee for the International Union of Anthropological and Ethnological Sciences (USNC/IUAES)
 1999-2004 Invited member of the National Advisory Committee of the Decade of Behavior 2000-2010
 1997 Permanent Honorary Professor of Human Biology, University of Vienna
 1994 University at Albany Award for Excellence in Research
 1978 Elected fellow of the American Anthropological Association

RESEARCH AWARDS

- 2011-2012 The Leakey Foundation, “Hominin brain evolution: Comparative analysis of the Stw505 virtual endocast” (\$4,500)
 2008-2009 Resident Scholar at School for Advanced Research, Santa Fe; to write book about science, religion and the reception to new hominin discoveries (*The Fossil Chronicles: How Two Controversial Discoveries Changed Our View of Human Evolution*)
 2005-2007 Falk, D. (PI): National Geographic Society, “Endocast study to assess whether “Hobbit” (LB1, *Homo floresiensis*) represents a microcephalic rather than a new species” (\$18,050)
 2004-2005 Falk, D. (PI) National Geographic Society, “Endocast study to address controversy surrounding *Homo floresiensis*” (\$11,100)
 2005-2006 Falk, D. (PI) Cataloging artifacts from Cane River Creole, National Park Service (\$22,000)
 2002-2005 Falk, D. (PI) Backlog Cataloging, National Park Service (\$121,000)
 2003 Falk, D. (PI) National Park Service Artifact Conservation (\$20,992)
 1998-2001 Falk, D. (PI): National Science Foundation: “High Risk Exploratory Research: Exploring 3D-CT and Geometric Morphometric Analyses of Cortical Surfaces in Fossil Hominids” (\$19,569)
 1995 Faculty Visiting Research Fellowship, Department of Archaeology and Palaeoanthropology, University of New England, Armidale, Australia
 1990-1992 Falk, D. (PI): National Science Foundation: “Cranial Blood Flow in Early Hominids” (\$34,286)
 1986-1990 Falk, D. (PI): National Institutes of Health (Fundamental Neurosciences): “Advanced 3-D Computer Study of Cortical Heritability” (total award: \$459,829)
 1984-1986 Falk, D. (PI): National Science Foundation Grant: “Cayo Santiago Primate Skeletal Collection” (\$38,896)
 1984-1986 Falk, D. (PI): National Science Foundation Grant: “Brain Development in Fossil Hominids” (\$33,858)
 1982 Falk, D. (PI): National Science Foundation Grant: “Brain Evolution in East African Fossil Hominids” (\$12,851)
 1979 Southern Illinois University Summer Research Grant 1978 Research on Fossil Monkeys, Southern Illinois University
 1978 Falk, D. (PI): National Science Foundation Grant: “External Neuroanatomy of Fossil Old World Monkeys” (\$20,000)
 1976 National Student Grant, Rackham Graduate School, University of Michigan
 1975 Alice C. Lloyd Scholarship
 1975 Center for Continuing Education of Women Scholarship
 1975 National Student Dissertation Grant

1974 Center for Continuing Education of Women Grant
 1970-1972 National Science Foundation Traineeships
 1962 Antioch Alumni Association Scholarship

MEDIA INTERVIEWS, CONSULTATIONS

- 2015 *Story of Woman* Podcast, “Granny glutton,” Host Lindsay Park;
<http://storyofwoman.org/podcast/episode-six-granny-glutton/>, August 18.
- 2015 Planet of the Humans, World Science Festival, May 29.
<https://www.youtube.com/watch?v=V3IInuMG39U>
- 2014 *Nature* Podcast, “A metre-tall mystery,” *Nature* Special: Hobbit at 10, Host Ewen Callaway;
<http://www.nature.com/nature/podcast/index-extra-2014-10-23.html>
<http://www.nature.com/multimedia/podcast/nature/extras/extra-2014-10-23.mp3>
- 2014 Radio interview about language origins with Mary-Charlotte, host at Radio Café, Santa Fe, New Mexico, aired September 18.
- 2014 Radio interview with Marilyn Powell, Canadian Broadcasting Corporation’s Public Radio program IDEAS (<http://www.cbc.ca/radio/ideas/walking-matters-part-1-1.2913829>). Program title: “I walk therefore I am,” aired March 12.
- 2014 *Nature* PastCast, “February 1925: The Man-ape of South Africa,” Chris Stringer and Dean Falk produced by Kerri Smith: <http://www.nature.com/nature/podcast/index-pastcast-2014-02-26.html>, February 26.
- 2013 Japan Broadcasting Corporation (NHK) television interview for episode on “Stroke” in the series *The Origins of Diseases*, aired May 26.
- 2012 NOVA “Poring over Einstein’s brain” <http://www.pbs.org/wgbh/nova/insidenova/2012/11/poring-over-einsteins-brain.html>
- 2012 NOVA ScienceNOW, “How Smart Can We Get?” <http://www.pbs.org/wgbh/nova/body/how-smart-can-we-get.html>
- 2012 NOVA: “David Pogue’s brain scan” <http://www.pbs.org/wgbh/nova/body/david-pogues-brain-scan.html>
- 2012 Dig Deeper Videocast with The Leakey Foundation, posted June 1.
<http://www.youtube.com/watch?v=ZAsgunXQw38&feature=youtu.be>
- 2012 Radio interview about brain evolution with Luis Quevedo for NPR Science Friday (translated to Spanish); recorded May 8.
- 2012 Radio interview about brain evolution with Michael Slang for German Public Radio; recorded May 3.
<http://www.dradio.de/dlf/sendungen/forschak/1751117/>
- 2012 Radio interview about *The Fossil Chronicles* with Mary-Charlotte, host at Radio Café, Santa Fe, New Mexico, aired February 9.
- 2011 Radio interview about *The Fossil Chronicles* with Dr. Michio Kaku, for the national newstalk program “Science Fantastic,” aired December 3.
- 2011 Television interview at the Genoa Science Festival; Genoa, Italy. October 28.
<http://www.festivalscienza.it/archivio-live-2011/home/interviste/intervista-dean-falk.html>
- 2011 Radio interview about *The Fossil Chronicles* with Sean Moncrieff for Newstalk Radio Ireland. live, September 15.
- 2011 Radio interview with Claudia Friedrich for German Public Radio (WDR), introducing German edition of *Finding Our Tongues*, recorded April 28, 2011.
- 2010 Radio interview with Seth Shostak, SETI Institute, “Written in Code,” June 14, 2010.
http://radio.seti.org:80/episodes/Written_in_Code
- 2010 RAI (Radiotelevisione Italiana) interview for Voyager television program about Einstein & Genius, filmed February 26.
- 2009 Radio interview about *Finding Our Tongues* with Seth Shostak, SETI Institute, (NPR’s Public Radio Satellite System), June 15.
- 2009 Wisconsin Public Radio, “Conversations with Joy Cardin,” 1-hour interview about the origins of language with listener call-ins, May 18
- 2009 “Daily Planet,” Discovery Channel Canada; interview with Jay Ingram about Einstein’s brain; May, 5.
- 2009 W Radio, Bogatá, live interview about Albert Einstein’s Brain; April 27.

- 2009 “Think,” radio program, one hour live interview about *Finding Our Tongues* with Krys Boyd, KERA-FM, Dallas; April 23.
- 2009 “The Journey Home” radio show; live interview about *Finding Our Tongues* with Diego Mulligan; KSFR-FM 101.1, Santa Fe Public Radio; April 9.
- 2008 NOVA, TV film *Alien from Earth*, United States, aired November 11 & April 28, 2009.
- 2008 ABC, TV film, *The Hobbit Enigma*, Australia, aired November 3.
- 2008 NHK TV, Japan; film *The Origins of Diseases, Dyslexia*; aired October 12.
- 2008 National Geographic Channel (Parthenon Entertainment Ltd), *Mystery Skulls of Palau*, aired 3/17/08.
- 2006 NOVA, *The Family that Walks on All Fours* (consultant).
- 2005 National Geographic Society television, *Tiny Humans - The Hobbits of Flores*, aired 3/13/05.
- 2000 British Broadcasting Company film series, *Apeman* televised February, 2000
-- expert article in Dig Deeper: “Skulls and minds.”
- 1999 Interview with Dr. Fred Goodwin, public radio, “Stones, Bones, and Brains,” week of November 3rd.
- 1997 Discovery television, Canada, special *Get The Message*, aired Jan. 1, 1997.
- 1996 Discovery television, documentary on sign language.
- 1995 Spiegel television, documentary on human evolution.
- 1995 Australian Broadcasting Company television film on language origins, for *Quantum*.
- 1994 British Broadcasting Horizon film series, 1994 film *Some Liked It Hot*.

EDITORIAL BOARDS & PROFESSIONAL ORGANIZATIONS

- Referee Panel, *International Journal of Anthropology* (2013-2016)
- Editorial Board, *Behavioral and Brain Sciences* (2008-current)
- Referee Panel, *Human Evolution* (2006-2016)
- Editorial Board, *Advances in Human Evolution Series*, Prentice Hall (1991-current)
- Associate Editor, *Journal of Human Evolution* (1998-2000)
- Editorial Board, *Man* (1990-1992)
- Associate, *The Behavioral and Brain Sciences*
- American Association for the Advancement of Science, fellow
- American Association of Physical Anthropologists, lifetime member

PUBLICATIONS

Books and Monographs

- 2017 Falk, D. and E. P. Schofield. *Aspies and Evolution* (tentative title), University of New Mexico Press, *in preparation*.
- 2012 Falk, D. *The Fossil Chronicles: How Two Controversial Discoveries Changed Our View of Human Evolution*, University of California Press, paperback edition (identified as one of the best books of 2011 by the AAAS: *Science Books & Films: Your Online Review Guide to Science Resources for All Ages*).
- 2012 Hofman, M. A. and D. Falk (eds). *Evolution of the Primate Brain: From Neuron to Behavior. Progress in Brain Research*, Elsevier, 195:2-478.
- 2011 Falk, D., *The Fossil Chronicles: How Two Controversial Discoveries Changed Our View of Human Evolution*, University of California.
- 2011 Falk, D., *Lingua madre: Cure Materne e origini del linguaggio* (translated by Paolo A. Dossena), Italian edition of *Finding Our Tongues*. Bollati Boringhieri.

- 2010 Falk, D., *Wie die Menschheit zur Sprache fand: Mütter, Kinder und der Ursprung des Sprechens* (translated by Susanne Kuhlmann-war), German edition of *Finding Our Tongues*. Deutsche Verlags-anstalt (Random House).
- 2009 Falk, D., *Finding Our Tongues: Mothers, Infants and the Origins of Language*. Perseus/Basic Books.
- 2004 Falk, D. *Braindance Revised and Expanded*. University Press of Florida.
- 2003 Keenan, J., with Gallup, G. and D. Falk. *The Face in the Mirror: The Search for the Origins of Consciousness*, Ecco (Harper Collins).
- 2001 Falk, D. and K. Gibson (eds) *Evolutionary Anatomy of the Primate Cerebral Cortex*. Cambridge: Cambridge University Press.
- 2000 Falk, D. *Primate Diversity*. New York: Norton.
- 1996 *Warum Schimpansen nicht steppen können (Why Chimpanzees Can't Tap Dance)* (paper translation of *Braindance*). Leipzig: Insel Verlag.
- 1994 German edition of *Braindance*. Basel: Birkhauser Verlag.
- 1994 Owl Books edition of *Braindance* (paper): New York.
- 1992 Falk, D. *Braindance: New Discoveries About Human Origins and Brain Evolution*. New York: Henry Holt.
- 1982 Armstrong, E. and D. Falk, (Eds.). *Primate Brain Evolution: Methods and Concepts*. New York: Plenum Publishing Company.
- 1978 Falk, D. *External Neuroanatomy of Old World Monkeys (Cercopithecoidea)*. *Contributions to Primatology* 15:1-95.

Publications in Refereed Journals

- 2016 Gunz, P., Neubauer, S., **Falk, D.**, Tafforeau, P., Spoor, F., & Z. Alemseged. Protracted brain growth in Australopithecus child from Dikika is human-like, *submitted*.
- 2016 Falk, D. Evolution of brain and culture: The neurological and cognitive journey from *Australopithecus* to Albert Einstein, *J. Anthropological Sciences* 94 (<http://www.isita.org/jass/Contents/ContentsVol94.htm>)
- 2016 Bienvenu, T., **Falk, D.**, Brunet, M. The brain of the earliest known hominid, *submitted*.
- 2016 Baab, K.L., Brown, P., **Falk, D.**, Richtsmeier, J.T., Hildebolt, C.F., Smith, K., McNulty, K.P., & W. Jungers. A critical evaluation of the Down syndrome diagnosis for LB1, type specimen for *Homo floresiensis*, *submitted*.
- 2014 Falk, D. Interpreting sulci on hominin endocasts : Old hypotheses and new findings. *Frontiers in Human Neuroscience* 8:134. doi: 10.3389/fnhum.2014.00134. http://www.frontiersin.org/Journal/Abstract.aspx?s=537&name=human_neuroscience&ART_DOI=10.3389/fnhum.2014.00134&utm_source=Email_to_authors_&utm_medium=Email&utm_content=T1_11.5e1_author&utm_campaign=Email_publication&journalName=Frontiers_in_Human_Neuroscience&id=79152
- 2014 Men, W., **Falk, D.**, Sun, T., Chen, Wl, Li, J., Yin, D., Zang, L., & M. Fan. The corpus callosum of Albert Einstein's brain: another clue to his high intelligence? *Brain* 137(4), e268 <http://brain.oxfordjournals.org/content/137/4/e268>
- 2013 Falk, D., Lepore, F., Noe, A. The cerebral cortex of Albert Einstein: A description and preliminary analysis of unpublished photographs, *Brain* 136 (4): 1304-1327. <http://brain.oxfordjournals.org/content/early/2012/11/14/brain.aws295.full>
- 2012 Falk, D. Charles Darwin, the first paleoanthropologist. *Human Evolution* 27(4):217-229.

- 2012 Falk, D. & R. Clarke. Letter to the editor: Reply to Holloway and Broadfield's letter to the editor regarding the Taung endocast. *Am. J. Phys. Anthropol.* 149:327-328.
- 2012 Falk, D. & R. Clarke. Reconstruction of the Taung endocast: A reply to Holloway and Broadfield. *Am. J. Phys. Anthropol.* 148:483-485.
- 2012 Falk, D., Zollikofer, C., Morimoto, N. & M. Ponce de León. A metopic suture on the Taung (*Australopithecus africanus*) endocast and its implications for hominin brain evolution, *PNAS* 109(22):8467-8470. www.pnas.org/lookup/suppl/doi:10.1073/pnas.1119752109/-/DCSupplemental
- 2012 Falk, D. Happiness: An evolutionary perspective. In B. R. Johnston (Ed.), second *Vital Topics Forum "On Happiness,"* the *American Anthropologist* 114(1):8-9.
- 2012 Falk, D. Cerebral cortices of East African early hominids (1983 *Science* article). **Reprinted** (as chapter 42) In G. W. Fitch & W. T. Fitch (Eds.), *Language Evolution, Critical Concepts in Linguistics*, Routledge.
- 2010 Falk, D., Hildebolt, C., Smith, K., Brown, P., Jungers, W. L., Larson, S., Sutikna, T., Prior, F. Nonpathological asymmetry in LB1 (*Homo floresiensis*): a reply to Eckhardt and Henneberg. *Am. J. Phys. Anthropol.* 143:340-342.
- 2009 Falk, D. The natural endocast of Taung (*Australopithecus africanus*): Insights from the unpublished papers of Raymond Arthur Dart, *Yrbk. Phys. Anthropol.*, Series 52:49-65.
- 2009 Falk, D. New information about Albert Einstein's brain, *Frontiers in Evolutionary Neuroscience*, <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2704009/>
- 2009 Falk, D., Hildebolt, C., Smith, K., Jungers, W. L., Larson, S. G., Morwood, M.J., Sutikna, T., Jatmiko, Saptomo, E.W., Prior, F. The type specimen (LB1) of *Homo floresiensis* did not have Laron Syndrome, *Am. J. Phys. Anthropol.* 140:52-63.
- 2009 Falk, D., Hildebolt, C., Smith, K., Morwood, M.J., Sutikna, T., Jatmiko, Saptomo, E.W. & Prior, F. LB1's virtual endocast, microcephaly, and hominin brain evolution. *J. Hum. Evol.* 57:597-607.
- 2009 Falk, D. Evolution of language. In M. Ruse & J. Travis (Eds), *Evolution: The First Four Billion Years*, Cambridge: Harvard University Press, p. 562-566.
- 2009 Falk, D. Hobbit. In M. Ruse & J. Travis (Eds), *Evolution: The First Four Billion Years*, Cambridge: Harvard University Press, p. 634-636.
- 2007 Falk, D. & R. Clarke. Brief communication: New reconstruction of the Taung endocast. *American Journal of Physical Anthropology* 134:529-534.
- 2007 Falk, D., Hildebolt, C., Smith, K., Morwood, M.J., Sutikna, T., Jatmiko, Saptomo, W.E., Imhof, H., Seidler, H. & F. Prior. Brain shape in human microcephalics and *Homo floresiensis*, *PNAS, USA*, Early Edition, February 2, 2007; *PNAS* 104:2513-2518.
- 2006 Falk, D., Hildebolt, C., Smith, K., Morwood, M.J., Sutikna, T., Jatmiko, Saptomo W. E., Brunnsden, B. & F. Prior. Response to Martin *et al.*'s Comment: "The Brain of LB1, *Homo floresiensis*," *Science* 312: 999c.
- 2006 Wu X., Schepartz, L. A., **Falk D.**, and W. Liu. Endocranial cast of Hexian *Homo erectus* from South China, *Amer. J. Phys. Anthropol.*, 130:445-454.
- 2005 Falk, D., Hildebolt, C., Smith, K., Morwood, M.J., Sutikna, T., Jatmiko, Saptomo W. E., Brunnsden, B. & F. Prior. Response to Weber *et al.*'s Comment: "The Brain of LB1, *Homo floresiensis*," *Science* 310:236c.
- 2005 Falk, D., Hildebolt, C., Smith, K., Morwood, M.J., Sutikna, T., Brown, P., Jatmiko, Saptomo W. E., Brunnsden, B. & F. Prior. The brain of LB1, *Homo floresiensis*. *Science* 308:242-245.
- 2004 Falk, D. Hominin brain evolution: New century, new directions. *Collegium Antropologicum*, 28 Suppl. 2:59-65.
- 2004 Macchiarelli, R., Bondioli, L., **Falk, D.**, Faupl, P., Illerhaus, B., Kullmer, O., Richter, W., Said, H., Sandrock, O., Schafer, K., Urbanek, Ch., Viola, B. T., Weber, G. W. & H. Seidler. Early Pliocene hominid tooth from Gallili, Somali Region, Ethiopia. *Collegium Antropologicum*, 28 Suppl. 2:65-76.

- 2004 Falk, D. Prelinguistic evolution in early hominins: Whence motherese? (target article, commentaries, author's response) *Behavioral and Brain Sciences* 27:491-534.
- 2000 Falk, D., Redmond, J. C., Jr., Guyer, J., Conroy, G. C., Recheis, W., Weber, G. W. and H. Seidler. Early hominid brain evolution: A new look at old endocasts, *J. Hum. Evol.* 38:695-717.
- 2000 Conroy, G. C., **Falk, D.**, Guyer, J., Weber, G. W., Seidler, H. and W. Recheis. Endocranial capacity in Sts 71 (*Australopithecus africanus*) by three-dimensional computed tomography. *Anat. Rec.* 258:391-396.
- 1999 White, D., **Falk, D.** A quantitative and qualitative reanalysis of the endocranial evidence from the juvenile *Australopithecus boisei* specimen L338y-6 from Omo, Ethiopia. *Amer. J. Phys. Anthropol.* 110:399-406.
- 1999 Falk, D., Froese, N., Sade, D. and B. Dudek. Sex differences in brain/body relationships of rhesus monkeys and humans, *J. Hum. Evol.* 36:233-238.
- 1998 Falk, D. and T. Gage. Radiators are cool. *J. Hum. Evol.* 35:307-312.
- 1997 Falk, D. and T. Gage. Flushing the radiator? A reply to Braga and Boesch, *J. Hum. Evol.* 33:495-502.
- 1997 Seidler, H., **Falk, D.**, Stringer, C., Wilfing, H., Muller, G., zur Nedden, D., Weber, G., Recheis, W., and J. L. Arsuaga. A comparative study of stereolithographically modelled skulls of Petralona and Broken Hill: Implications for future studies of middle Pleistocene hominid evolution, *J. Hum. Evol.* 33:691-703.
- 1996 Falk, D., Hildebolt, C. and M. Vannier. Brain expansion and rotation during hominid evolution. *Hum. Evol.* 11:27-33.
- 1995 Falk, D., Gage, T., Dudek, B. and T. Olson. Did more than one species of hominid coexist before 3.0 Myr?: Evidence from blood and teeth. *J. Hum. Evol.* 29:591-600.
- 1994 Falk, D. Reply to Diamond. *Am. J. Phys. Anthropol.* 95:359-362.
- 1994 Falk, D., Hildebolt, C. and M. Vannier. Relationship of squamosal suture to asterion on external skull surfaces versus endocasts of pongids: Implications for Hadar Early Hominid AL 162-28. *Am. J. Phys. Anthropol.* 93:435-439.
- 1993 Falk, D. Meningeal arterial patterns in great apes: Implications for hominid vascular evolution. *Am. J. Phys. Anthropol.* 92:81-97.
- 1992 Falk, D. and E. Baker. Earliest *Homo* debate. *Nature* 358:289-290.
- 1992 Falk, D. *Evolution of the Brain and Cognition in Hominids*. The sixty-second James Arthur Lecture. New York: The American Museum of Natural History.
- 1992 Falk, D. and P. Nicholls. Meningeal arteries in rhesus macaques (*Macaca mulatta*): Implications for vascular evolution in anthropoids. *Am. J. Phys. Anthropol.* 89:299-308.
- 1992 Helmkamp, R. C., **Falk, D.** Reply to Baskerville. *Am. J. Phys. Anthropol.* 87:498.
- 1991 Falk, D., C. Hildebolt, J. Cheverud, L. Kohn, G. Figiel and M. Vannier. Human cortical asymmetries determined with 3D MR technology. *J. Neurosci. Meths.* 39:185-191.
- 1991 Falk, D. Reply to Dr. Holloway: Shifting positions on the lunate sulcus. *Am. J. Phys. Anthropol.*, 84:89-91.
- 1991 Masters, A., **Falk, D.**, Gage, T.. Effects of age and gender on the location and orientation of the foramen magnum in rhesus macaques (*Macaca mulatta*). *Am. J. Phys. Anthropol.* 86:75-80.
- 1991 Vannier, M. W., Brunnsden, B., Hildebolt, C. F., **Falk, D.**, et al. Brain surface cortical sulcal lengths: Quantification with 3-dimensional MR imaging. *Radiology* 180:479-484.
- 1991 Vannier, M. W., Brunnsden, B., Hildebolt, C. F., **Falk, D.**, et al. Fast sequences add depth to 3-D images. *Diagnostic Imaging* 5:133-139.

- 1990 Falk, D. Brain evolution in *Homo*: the “radiator” theory (target article, commentaries, author’s response). *Behav. Brain Sci.* 13:333-381.
- 1990 Falk, D., C. Hildebolt, J. Cheverud, M. Vannier, C. Helmkamp, and L. Konigsberg. Cortical asymmetries in frontal lobes of rhesus monkeys (*Macaca mulatta*). *Brain Research* 512:40-45.
- 1990 Cheverud, J., **Falk, D.**, Vannier, M., Konigsberg, L., Helmkamp, C., Hildebolt, C. Heritability of brain size and surface features in rhesus macaques (*Macaca mulatta*). *J. Heredity* 81:51-57.
- 1990 Cheverud, J., **Falk, D.**, Hildebolt, C., Moore, A., Helmkamp, R.C. & Vannier, M. Heritability and association of cortical petalias in rhesus macaques (*Macaca mulatta*). *Brain, Behav. Evol.* 35:368-372.
- 1990 Helmkamp, R. C., **Falk, D.** Age and sex associated variations in the directional asymmetry of rhesus macaque forelimb bones. *Am. J. Phys. Anthropol.* 83:211-218.
- 1990 Konigsberg, L. W., **Falk, D.**, Hildebolt, C., Cheverud, J., Helmkamp, R. C. & M. W. Vannier, External brain morphology in rhesus macaques (*Macaca mulatta*). *J. Hum. Evol.* 19:269-284.
- 1989 Falk, D. Ape-like endocast of “ape-man” Taung. *Am. J. Phys. Anthropol.*, 80:335-339.
- 1989 Falk, D., C. Hildebolt, and M. Vannier. Reassessment of the Taung early hominid from a neurological perspective. *J. Hum. Evol.* 18:485-492.
- 1989 Falk, D., L. Konigsberg, C. Helmkamp, J. Cheverud, M. Vannier, and C. Hildebolt. Endocranial suture closure in rhesus macaques (*Macaca mulatta*). *Am. J. Phys. Anthropol.* 80:417-428.
- 1988 Falk, D., L. Pyne, C. Helmkamp, and C. J. DeRousseau. Directional asymmetry in forelimb of *Macaca mulatta*. *Am. J. Phys. Anthropol.* 77:1-6.
- 1988 Tobias, P. V., **Falk, D.** Evidence for a dual pattern of cranial venous sinuses on the endocranial cast of Taung (*Australopithecus africanus*). *Am. J. Phys. Anthropol.* 76:309-312.
- 1987 Falk, D. Brain lateralization in primates. *Yrbk. Phys. Anthropol.* 30:107-125.
- 1987 Falk, D. Hominid paleoneurology. *Ann. Rev. Anthropol.* 16:13-30. (Reprinted in 1993, R. Ciochon and J. Fleagle (Eds.): *The Human Evolution Source Book*. New York: Prentice-Hall.)
- 1986 Falk, D. Evolution of cranial blood drainage in hominids: enlarged occipital/marginal sinuses and emissary foramina. *Am. J. Phys. Anthropol.* 70:311-324.
- 1986 Falk, D. Falk replies to Holloway and Kimbel (Endocast morphology of Hadar hominid AL 162-28). *Nature* 321:536-537.
- 1986 Falk, D., J. Cheverud, M. Vannier, and G. Conroy. Advanced computer graphics technology reveals cortical asymmetry in endocasts of rhesus monkeys. *Fol. Primatol.* 46:98-103.
- 1985 Falk, D. Apples, oranges and the lunate sulcus. *Am. J. Phys. Anthropol.* 67:313-315.
- 1985 Falk, D. Hadar AL 162-28 endocast as evidence that brain enlargement preceded cortical reorganization in hominid evolution. *Nature* 313:45-47.
- 1985 Vannier, M. W., Conroy, G.C., Krieg, J. & **Falk, D.** Three dimensional imaging for primate biology. *Proc. Nat. Computer Graphics Association, Dallas* 3:156-160.
- 1983 Falk, D. Cerebral cortices of East African early hominids. *Science* 221:1072-1074.
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Book Chapters

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Commentaries, Letters, and Invited Articles

- 2014 Falk, D. Interview with *Musica Domani* (Italian musical review), October.
- 2013 Falk, D. How the human got her words. www.thespanner.net, issue 0008, Spannerworks, London.
- 2013 Falk, D., Lepore, F. & Noe, A. Examining photographs of Einstein's brain is not phrenology! Invited post, Oxford University Press's blog, <http://blog.oup.com/2013/01/einstein-brain-photographs/>
- 2012 Falk, D. Is happiness adaptive? BeingHuman.org, <http://www.beinghuman.org/big-questions/article/adaptive-value-happiness>
- 2011 Falk, D. Preface to *The Human Condition* by Robert G. Bednarik, Springer.
- 2007 Falk, D. *History of Neuroscience: The Evolution of Broca's Area*, **IBRO History of Neuroscience** <http://ibro.info/wp-content/uploads/2012/12/The-Evolution-of-Brocas-Area.pdf>
- 2006 Falk, D. Our mother tongue. Invited *New York Times* Op-Ed contribution (May 14, 2006).
- 2006 Falk, D. Remarks at presentation of Charles R. Darwin Lifetime Achievement Award to C. Loring Brace. *American Journal of Physical Anthropology* 131:580-581.
- 2004 Falk, D. Prelinguistic evolution in hominin mothers and babies: For cryin' out loud! Commentary on target article by Soltis: The signal functions of early infant crying, *Behavioral and Brain Sciences* 27:461-462.
- 2002 Falk, D. Brain size evolution. *Encyclopedia of Evolution, Vol. 1*, Oxford University Press: 120-123 (invited).
- 2000 Falk, D. Careers in science offer women an unusual bonus: immortality. *Nature* 407:833.
- 2000 Falk, D. L'Australopitheque gracieuse etait-il musicien? *La Recherche*, Novembre, 78-81.
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- 1992 Falk, D. Women in science: letter to the editor, *Science* 256:1612.
- 1992 Falk, D. Letter to the editor, *American Scientist*, January-February 1992:5-6.
- 1992 Falk, D. Women are bipeds, too. *Newsweek Magazine*, September 21, 1992.
- 1991 Falk, D. Author's response to Continuing Commentary on Brain evolution in *Homo*: The "radiator" theory. More on the radiator. *Behav. Br. Sci.* 14:529-530.
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- 1989 Falk, D. Comment on the archaeology of perception: traces of depiction and language, by I. Davidson and W. Noble, *Curr. Anthropol.* 30:141-142.
- 1988 Falk, D. Allometry cannot be ignored in brain evolution studies. Invited commentary in *Behav. Br. Sci.* 11:92-93.
- 1986 Falk, D. Hominid evolution (letter). *Science* 234:11
- 1985 Falk, D. Early man in Kenya: first signs of language. *Kenya Past and Present* 17:24-25.
- 1985 Falk, D. Le cerveau des hominides. *La Recherche*, November, 1985: 1400. (also appears in Spanish)
- 1984 Falk, D. The petrified brain. *Natural History*, September issue: 36-39.
- 1984 Falk, D. Implications of the parcellation theory for paleoneurology: invited commentary on evolution and ontogeny of neural circuits by S. Ebbesson. *Behav. Brain Sci.* 7:338.
- 1981 Falk, D. and E. Armstrong. Results of the Symposium on methods and concepts in primate brain evolution, Congress of the International Primatological Society. Italy, 1980. In B. Chiarelli and R. Corruccini (Eds.): *Advanced Views in Primate Biology*. Springer Verlag, pp. 206-211.
- 1980 Falk, D. CA* comment on Sapienization and speech by G. Krantz. *Curr. Anthropol.* 21:780.

Book Reviews

- 2015 Falk, D. Forgotten bodies too? Book review of *Malformed: Forgotten Brains of the Texas State Mental Hospital*, by Adam Voorhes & Alex Hannaford. *Brain* 138(4):1121-1125.
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- 2013 Falk, D. Book review of *Divided Brains: The Biology and Behaviour of Brain Asymmetries*, by LJ Rogers, G Vallortigara & RJ Andrews. *Am. J. Phys. Anthropol.* 152(3):431-2.
- 2007 Falk, D. Delving into the ancient brain. Two book reviews (invited): *On Deep History and the Brain* by Daniel Lord Smail and *The Origins of Meaning* by James R. Hurford. *Nature* 450:31-32.
- 2003 Falk, D. Book review of *Brain Evolution and Cognition* edited by Gerhard Roth and Mario F. Wullimann, *Am. J. Phys. Anthropol.*, 121:391-2.
- 1998 Falk, D. Book review of *From Lucy To Language* by D. Johanson and B. Edgar. *Qrt. Rev. Biol.* 73:252.
- 1997 Falk, D. Book review of *Reaching Into Thought: The Minds of the Great Apes* edited by A. Russon, K. Bard, and S. Parker. *J. of Evolutionary Biol.* 9:679-682.
- 1997 Falk, D. Book review of *Origins of the Human Brain* edited by Jean-Pierre Changeux and Jean Chavaillon. *Am. J. Hum. Biol.*
- 1995 Falk, D. The mother of us all?, book review of *Ancestors* by D. Johanson, L. Johanson and B. Edgar. *BioScience* 45:108-110.
- 1994 Falk, D. Book review of *The Evolution of Lateral Asymmetries, Language, Tool Use, and Intellect* by John Bradshaw and Lesley Rogers. *Am. Sci.*, September-October, 1994:488-489.

- 1992 Falk, D. Book review of *An Introduction to Human Evolutionary Anatomy* by Leslie Aiello and Christopher Dean. *Man* 27:410-411.
- 1992 Falk, D. Book review of *Uniquely Human: The Evolution of Speech, Thought, and Selfless Behavior* by Philip Lieberman. *Int. J. Primatol.* 13:217-220.
- 1990 Falk, D. Book review of *The Evolution of Spatial Competence* by Thomas Wynn, *Am. Anthropol.* 92:227-228.
- 1987 Falk, D. Book review of *Hominid Evolution: Past, Present, and Future* by P. V. Tobias, *Am. Anthropol.* 89:211.
- 1985 Falk, D. Book review of *Doubling the Brain* by J. Dunaif-Hattis, *Am. J. Phys. Anthropol.* 68:137-138.
- 1985 Falk, D. Book review of *Female Primates* by M. Small, *Folia Primatol.*
- 1981 Falk, D. Book review of *Shuffle Brain* by P. Pietsch. *Am. Anthropol.* 84:158-159.
- 1979 Falk, D. Book note on the *Behavioral and Brain Sciences: An International Journal of Current Research and Theory with Open Peer Commentary*, Volume 1, S. Harnad (Ed.). *Am. Anthropol.* 81:732.
- 1978 Falk, D. Book review of *Understanding the Human Brain* by J. C. Eccles. *Hum. Biol.* 50:388-390.
- 1978 Falk, D. Book review of *The Human Brain*, M. C. Wittrock (Ed.), *Hum. Biol.* 50:386-388.
- 1977 Falk, D. Book review of *Apes, Men and Language* by E. Linden, *Am. Anthropol.* 79:485.

PRESENTATIONS AT PROFESSIONAL MEETINGS (ABSTRACTS) & PUBLIC LECTURES

- 2015 Falk, D. Invited Participant: Paleoneurology. Brainstorm Speaker Symposium, University of Chicago, Logan Performance Hall, October 24.
- 2015 Falk, D. Invited participant: Spotlight: Women in science. World Science Festival, NYC, May 30.
- 2015 Falk, D. Invited participant: Planet of the humans: The leap to the top. World Science Festival, NYC, May 29.
- 2015 Falk, D. Three prehistoric evo-devo trends and their possible relationship to high-functioning autism in modern humans American Association of Physical Anthropologists, March 25-28, St. Louis, MO (*Am. J. Phys. Anthropol. Suppl.* 54: abstract).
- 2015 Baab, K., **Falk, D.**, et al. A re-evaluation of the Down syndrome diagnosis for LB1 (*Homo floresiensis*). American Association of Physical Anthropologists, March 25-28, St. Louis, MO (*Am. J. Phys. Anthropol. Suppl.* 54: abstract).
- 2015 Smith, K., Hildebolt, C., **Falk, D.**, Prior, F. *Homo floresiensis* (Hobbit) was not a modern human with Down syndrome. Mallinckrodt Institute of Radiology 2015 Research Symposium, poster presentation; St. Louis, MO, March 24.
- 2014 Falk, D. Public lecture : The neurological and cognitive journey from *Australopithecus* to Albert Einstein. Invited presentation at International Conference (Oct. 15-18): What made us human? Biological and cultural evolution of *Homo sapiens*. Erice, Sicily. October 18.
- 2014 Falk, D. Public lecture: Whence language? The role of mothers and infants, The New Mexico History Museum, Santa Fe, September 18.
- 2014 Falk, D. Public lecture: Brain evolution from *Australopithecus* to Albert Einstein: What matters, size or wiring? Symposium on aspects of being human and our evolutionary trajectory; California Academy of Sciences, San Francisco, May 28.

- 2014 Falk, D. Interpreting the endocast of Selam, presented at the second Selam Workshop, California Academy of Sciences, San Francisco, May 26-28.
- 2014 Falk, D. The impact of helpless prehistoric infants on the evolution of the human brain and cognition: Is it still going on? Advanced Seminar on *Costly and Cute: How Helpless Newborns Made Us Human*; School for Advanced Research, Santa Fe, New Mexico, May 11-15.
- 2013 Falk, D. Public lecture: The fossil record of human brain evolution. Southwest Seminars ; Santa Fe, NM, December 2.
- 2013 Falk, D. Public lecture: The amazing saga of Albert Einstein's brain : Truth is stranger than fiction. University of Nevada, Las Vegas ; Barrick Museum Auditorium, October 8.
- 2013 Falk, D. Public lecture: Fossil "hobbits," *Homo sapiens*, and the politics of paleoanthropology. University of Pittsburgh public lecture, Frick Fine Arts Auditorium, October 1.
- 2013 Falk, D. The fossil record of human brain evolution. The Company of Biologists Workshop (9/22-25): Evolution of the Human Neocortex : How Unique Are We? West Sussex, UK, September 24.
- 2013 Falk, D. The convoluted saga of Albert Einstein's brain. Science Writing Workshop, Santa Fe, NM ; May 7.
- 2013 Prima, S., Subsol, G., Braga, J., Garamendi, J-F., Combes, B., Dumoncel, J., **Falk, D.** Comparison of endocranial and ectocranial "symmetry planes" and application to the virtual reconstruction of the Taung Child. American Association of Physical Anthropologists, April 9-13, Knoxville, TN (*Am. J. Phys. Anthropol. Suppl. 52*), abstract accepted.
- 2013 Bienvenue, T., **Falk, D.**, Semendeferi, K., Guy, F., Zollikofer, C., Ponce de Leon, M., Tafforeau, P., Mackaye, H. T., Likius, A., Vignaud, P., Brunet, M. The endocast of *Sahelanthropus tchadensis*, the earliest known hominid (7 Ma, Chad). American Association of Physical Anthropologists, April 9-13, Knoxville, TN (*Am. J. Phys. Anthropol. Suppl. 52*), abstract submitted.
- 2013 Prima, S., Subsol, G., Braga, J., Garamendi, J-F., Combes, B., Dumoncel, J., **Falk, D.** Reconstruction numérique de l'endocrâne de l'enfant de Taung. Société d'Anthropologie de Paris, January 23-25, Paris, abstract accepted.
- 2012 Falk, D. New findings on hominin brain evolution, Santa Fe Science Writing Workshop, May 8, 2012.
- 2012 Falk, D. Public lecture: The role of prehistoric mothers in the evolution of language, talk presented in Leakey Foundation symposium "The Female in Evolution," California Academy of Sciences, San Francisco, April 28.
http://fora.tv/conference/california_academy_of_sciences_leakey_foundation_the_female_in_evolution
- 2012 Falk, D. Discussion about paleoanthropology, Lick-Wilmerding High School, San Francisco, April 27.
- 2012 Falk, D. Talk and book signing (*The Fossil Chronicles*), The Bone Room, Berkeley, CA, April 26.
- 2012 Falk, D. Public lecture: The Fossil Chronicles: Revolutions in Paleoanthropology, New Mexico History Museum, Public SAR Membership Lecture; Santa Fe, NM; February 9.
- 2011 Falk, D. Public lecture: Finding our tongues: Mothers, infants & the origins of language. Palazzo Ducale; Genoa Science Festival, October 28. <http://www.festivalscienzalive.it/site/home/conferenze/alla-ricerca-della-nostra-lingua.html> (click link, then British flag for English).
- 2011 Falk, D. Workshop on DIK-1-1 (Selam) skeleton (*Australopithecus afarensis*); Addis Ababa, Ethiopia; October 3-7.
- 2011 Falk, D., Braga, J., Combes, B., Subsol, G., Prima, S. First virtual reconstructions of the frontal lobe and temporal pole of the Taung (*Australopithecus africanus*) endocast. American Association of Physical Anthropologists (*Am. J. Phys. Anthropol. Suppl. 52*), Minneapolis, MN; April 16.
- 2011 Falk, D. The evolution of the brain and intelligence: From *Australopithecus* to Einstein. Johns Hopkins University; Baltimore, MD; March 30.

- 2011 Falk, D. Evolution of the brain and cognition: From early hominins to hobbits. McMaster University; Ontario, Canada. March 21.
- 2011 Falk, D. Human brain evolution: From *Australopithecus* to Einstein. University of Zürich; Zürich, Switzerland; March 14.
- 2011 Falk, D. Evolution and Asperger syndrome: Is there a connection? School for Advanced Research; Santa Fe, NM; March 2.
- 2010 Falk, D. The impact of *Homo floresiensis* (“Hobbit”) for interpreting the fossil record of human evolution. The 9th Edward h. Birkenmeier Distinguished Lectureship in Genetics and Evolution. The Jackson Laboratory, Bar harbor, Maine, June 25.
- 2010 Falk, D. Evolution of the neurological substrates of conscience. Invited paper in the Evolution of Conscience Workshop, John Templeton Foundation, Santa Fe, NM, April 29- May, 1.
- 2010 Falk, D., Endocast of Taung (*Australopithecus africanus*) compared to that of LB1 (*Homo floresiensis*)—more than just a coincidence? American Association of Physical Anthropologists, April 17, Albuquerque (*Am. J. Phys. Anthropol. Suppl.* 50).
- 2009 Falk, D., Missing links and the politics of paleoneurology, Cognitive Science Colloquium Series, Cornell University, Ithaca, November 13.
- 2009 Falk, D., Missing links, human brain evolution and paleopolitics, Netherlands Institute of Neuroscience Centennial, public lecture, June 12.
- 2009 Falk, D., From Piltdown Man to Hobbit: Of Missing Links and Paleopolitics, University of New Mexico, public lecture. Albuquerque, May 14.
- 2009 Falk, D., From Piltdown Man to Hobbit: Of Missing Links and Paleopolitics. School for Advanced Research, Santa Fe, NM, May 13.
- 2009 Falk, D., Hildebolt, C., Smith, K., Prior, F. Whence *Homo floresiensis*? Clues from the brain. Public symposium convened by Richard Leakey: Hobbits in the Haystack: *Homo floresiensis* and Human Evolution. Stony Brook University, April 21.
- 2009 Falk, D., Hildebolt, C., Smith, K., Morwood, M. J., Sutikna, T., Jatmiko, Saptomo, E. W., Prior, F. LB1’s endocast compared to those from other hominins. American Association of Physical Anthropologists, April 2, Chicago (*Am. J. Phys. Anthropol. Suppl.* 48:187).
- 2009 Jungers, W. L., **Falk, D.**, Hildebolt, C., Smith, K., Prior, F., Tocheri, M., Orr, C. M., Burnett, S. E., Larson, S.G., Djubiantono, T., Morwood, M. J. The hobbits (*Homo floresiensis*) were not cretins. American Association of Physical Anthropologists, April 2, Chicago (*Am. J. Phys. Anthropol. Suppl.* 48:244).
- 2009 Falk, D. Grasping language origins; Hands, brains, and mirror neurons. Santa Fe Institute, January 22.
- 2008 Falk, D. A tale of two discoveries: Taung (1925) and Hobbit (2004). Distinguished Lecture, Biological Anthropology Section of American Association of Anthropologists, San Francisco, November 21.
- 2008 Falk, D. Are hobbits real? Further adventures with *Homo floresiensis*. University of Nevada, Las Vegas, public lecture, Barrick Museum Auditorium. Las Vegas, October 23.
- 2008 Hildebolt, C. & **Falk, D.** A new species – or is it? International Science Festival, St. Louis Science Center, October 11.
- 2008 Falk, D. A tale of two discoveries: Taung (1925) and Hobbit (2004). School for Advanced Research, Santa Fe, NM. October 8.
- 2008 Falk, D. Are hobbits real?: The unfolding saga of *Homo floresiensis*. University of Michigan, Ann Arbor in honor of C. Loring Brace’s retirement, April 18.
- 2008 Falk, D., Hildebolt, C., Smith, K., Jungers, W.L., Larson, S. G., Morwood, M. J., Sutikna, T., Jatimiko, Saptomo, E. W. & Prior, F. LB1 does not have Laron Syndrome. American Association of Physical Anthropologists, April 10, Columbus, Ohio (*Am. J. Phys. Anthropol. Suppl.* 46:95).

- 2008 Schaubert, A. D. & **Falk, D.** Proportional dwarfism in foxes, mice, and humans: Implications for relative brain size in *Homo floresiensis*. American Association of Physical Anthropologists, April 10, Columbus, Ohio (*Am. J. Phys. Anthropol. Suppl.* 46:185-186).
- 2008 Falk, D. public lecture: What's up with hobbits (*Homo floresiensis*)?, March 13; academic lecture: Hominin brain evolution: From hand to mouth. U. of Alabama, Tuscaloosa, March 14.
- 2008 Falk, D. Hominin brain evolution: It's about time. AAAS symposium: Mind of a Toolmaker. Boston, February 17.
- 2007 Falk, D., Hildebolt, C., Smith, K., & Prior, F. LB1's virtual endocast: Implications for hominin brain evolution. International Seminar on Southeast Asian Paleoanthropology, Yogyakarta, Java; July 23-29.
- 2007 Hildebolt, C., Smith, K., **Falk, D.**, Tincher, C., Morwood, M.J., Sutikna, T., Jatmiko, Saptomo, EW & Prior, F. Protocols and applications of computed tomography to the study of fossil hominins. International Seminar on Southeast Asian Paleoanthropology, Yogyakarta, Java; July 23-29.
- 2007 Falk, D. Exploring hominin brain evolution requires interdisciplinary research and training. Workshop on Culture, Mind, Brain & Development. May 31, Rensselaerville, NY,
- 2007 Falk, D., Hildebolt, C., Smith, K., Morwood, M. J., Sutikna, T., Jatmiko, Saptomo, E. W., Imhof, H., Seidler, H., Brunson, B., & Prior, F. LB1 is not a microcephalic. American Association of Physical Anthropologists, March 29, Philadelphia (*Am. J. Phys. Anthropol. Suppl.* 44:106).
- 2007 Richtsmeier, J. T., Weiss, K. M., Buchanan, A., Walker, A., Jablonski, N., Frazier, B. C., Willmore, K. E., Lawson, H., Yan, P., Hill, C. A., Roseman, C. C., Cheverud, J. M., **Falk, D.**, Hildebolt, C. F. & Rogers, J. Developmental genetic basis of primate craniofacial variation and human origins. American Association of Physical Anthropologists, March 30, Philadelphia (*Am. J. Phys. Anthropol. Suppl.* 44:198).
- 2006 Falk, D. Introduction of Professor C. Loring Brace, recipient of the Charles R. Darwin Lifetime Achievement Award. American Association of Physical Anthropologists, March 10th, Anchorage, Alaska.
- 2006 Falk, D. The 'hobbits' of Flores Island: *Homo floresiensis*, body and soul. Santa Fe's Performing Arts Center, February 22, 2006 (sponsored by the Santa Fe Institute and the School of American Research).
- 2006 Falk, D., Hildebolt, C., Smith, K., Conroy, G., Prior, G., Seidler, H. & Imhof, H. Implications of 'Hobbit' (LB1, *Homo floresiensis*) for hominin brain evolution. African Genesis: A symposium on hominid evolution in Africa. Johannesburg, South Africa, January 13.
- 2005 Falk, D. The fossil record of hominin brain evolution: from Lucy to Hobbit. Keynote presentation, Conference on Paleoanthropology, Paleontology, Cultural Heritage, Natural Heritage and Tourism. Mekelle University, Ethiopia, June 24th.
- 2005 Falk, D. The "putting the baby down" hypothesis: bipedalism, babbling, and baby slings. Distinguished Lecture, Hampshire College, February 17th.
- 2005 Falk, D., Mohlberg, H., Shah, N. J., Zilles K. Brain shape asymmetries in right-handed and left-handed men and women. American Association of Physical Anthropologists, Milwaukee, April 7 (*Am. J. Phys. Anthropol. Suppl.* 40:101).
- 2004 Falk, D. The roles of infant crying and motherese during prelinguistic evolution in early hominins. American Association of Physical Anthropologists, Tampa, April 15 (*Am. J. Phys. Anthropol. Suppl.* 38:93).
- 2003 Falk, D. Evolution of motherese in prelinguistic evolution. Invited public lecture, The "Origins of Language" Reconsidered; Kyoto, Japan; December 6.
- 2003 MacLeod, C. E., **Falk, D.**, Mohlberg, H., Zilles, K. Patterns of surface shape in great ape endocasts. American Association of Physical Anthropologists, Tempe, April (*Am. J. Phys. Anthropol. Suppl.* 36:143-144).
- 2002 Falk, D., MacLeod, C. E., Mohlberg, H., Zilles, K. The evolution of brain shape in hominids. American Association of Physical Anthropologists, Buffalo, April (*Am. J. Phys. Anthropol. Suppl.* 34:68-69).

- 2002 White, D. and **Falk, D.** Analysis of cerebellar shape and asymmetry in extant primate and African fossil hominid endocasts using 3d digitizing technology, poster presentation, American Association of Physical Anthropologists, Buffalo, April (*Am. J. Phys. Anthropol. Suppl.* 34:164).
- 2002 MacLeod, C. E., **Falk, D.**, Mohlberg, H., Shah, J., Zilles, K. Computerized shape analysis of hominid endocasts, poster presentation, American Association of Physical Anthropologists, Buffalo, April (*Am. J. Phys. Anthropol. Suppl.* 34:105).
- 2002 Falk, D. Hominid brain evolution, invited paper, International Conference on Paleoanthropology, Addis Abeba, Ethiopia, February 2
- 2001 Falk, D. Spoken language and music: How and when did they arise? Invited public lecture, L'evolucio del cervell i l'origen de la parla humana, Fundacio "la Caixa," Barcelona, Spain, November 9.
- 2001 Weber, G. W., Seidler, H., Macchiarelli, R., Bondioli, L., Faupl, P., Richter, W., Kullmer, O., Sandrock, O., **Falk, D.** New discovery of *Australopithecus* in the Somali Region of Ethiopia. American Association of Physical Anthropologists, Kansa City, April (*Am. J. Phys. Anthropol. Suppl.* 32:162).
- 2000 Falk, D. Influence of feminist critiques of science on paleoanthropology. Invited by AAA Committee on the Status of Women in Anthropology, American Anthropological Association, San Francisco, November 17.
- 2000 Seidler, H., Weber, G. W., Macchiarelli, R., Bondioli, L., Faupl, P., Richter, W., Kullmer, O., Sandrock, O., **Falk, D.** Hominid discovery in the Somali Region of Ethiopia. Meetings of the European Anthropological Association, Cambridge, England, September.
- 2000 Falk, D. "Hominid brain evolution: What endocasts tell us," C. and O. Vogt-Institute of Brain Research, University of Dusseldorf, Germany, October 10.
- 2000 Falk, D., Keynote speaker, "Searching for the missing link - a report from Africa," Upstate NY JSJS April 6.
- 2000 Falk, D., Invited public lecture "Searching for the missing link: A report from Ethiopia," SUNY Albany Chapter of Sigma Xi., March 23.
- 1999 Falk, D., invited talk "Recent advances in the study of human brain evolution," Presidential symposium: *Time at the Millennium*, American Anthropological Association, Chicago, IL, November 20.
- 1999 Falk, D., Invited public lecture "The evolution of human cognition and creativity," Rensselaer Polytechnic Institute, October 21.
- 1999 Falk, D., workshop "Fossil record of brain evolution," Science Teachers Association of NYS, Sienna College, October 18.
- 1999 Falk, D., Invited lecture "New thoughts on brain sizes in males and females," 3rd Annual Phillip V. Tobias lectures, University of Vienna, June 1.
- 1999 Falk, D. Brain evolution in gracile australopithecines: Was *A. africanus* the mother of us all? American Association of physical Anthropologists, Columbus, April (*Am. J. Phys. Anthropol. Suppl.* 28:126).
- 1999 Falk, D. New trends in brain evolution for the 21st century. Workshop at Binghamton University, March 27-28.
- 1998 Falk, D. Hominid brain evolution: New findings and future directions. Symposium on evolutionary anthropology, Max Planck Institute for Evolutionary Anthropology, Leipzig, October 29-31.
- 1998 Falk, D. Human brain evolution. Albert Einstein College of Medicine, November 5.
- 1998 Falk, D. and J. Guyer, invited presentation: Hominid brain evolution: A new look at old endocasts. Workshop "Life in Prehistory: The Paleobiology of our Ancestors," El Escorial, Spain, August 10-14.
- 1998 Falk, D., Invited lecture "New thoughts on old endocasts," 2nd Annual Phillip V. Tobias lectures, University of Vienna, May 15.

- 1998 Falk, D., Invited speaker on brain evolution in symposium "Vier Millionen Jahre Mensch" at the Schonbrunn Zoo, Vienna, May 8.
- 1998 Falk, D., Froese, N., Sade, D. S. and B. Dudek. Relative brain size in men and women: an evolutionary perspective. American Association of physical Anthropologists, Salt Lake City, (*Am. J. Phys. Anthropol. Suppl.* 26:104-5). Co-organized and co-chaired symposium on mammalian, primate, and human brain evolution, in honor of Harry J. Jerison.
- 1997 Falk, D. Invited participant in workshop on "Advances in the Social Brain" sponsored by the John Douglas French Alzheimer's Foundation and Cure Autism Now, October 25-26, Redondo Beach, California; presentation on hominid brain evolution.
- 1997 Falk, D. Invited participant in workshop sponsored by the Institute for Biomusicology on "Man, Mind and Music," Florence, May 29-June 2, 1997. Moderator of session on "Music/Language - evolution," presentation on hominid brain evolution.
- 1996 Falk, D. Application of medical imaging technology to fossils: Rethinking endocasts and language origins. American Association of physical Anthropologists, Durham (*Am. J. Phys. Anthropol. Suppl.* 22:103).
- 1996 Falk, D. Zumtobel Lectures on Stereolithography and Computer Assisted Reconstruction of Fossil Remains. Chaired session and presented paper. The Institute of Human Biology, The University of Vienna, Austria, June.
- 1995 Falk, D. Conserved neurogenesis versus cortical specialization during mammalian brain evolution. Santa Fe Institute, October.
- 1995 Falk, D. Braindance. Questacon Public Lecture, The National Science and Technology Centre, Canberra, Australia, September.
- 1995 Falk, D. The evolution of the human brain -- the fossil evidence. Public Lecture, Armidale, Australia.
- 1995 Falk, D. Invited participant UNESCO sponsored conference on "race," Stadtschlaing, Austria, June.
- 1995 Falk, D. Was Lucy single? American Association of physical Anthropologists, Oakland (*Am. J. Phys. Anthropol. Suppl.* 20:89).
- 1995 Armstrong, E., Dabringhaus, D., **Falk, D.**, Vannier, M., Gilissen, E. and K. Zilles. Three-dimensional analysis of brain shape in early hominids (*Am. J. Phys. Anthropol. Suppl.* 20:59-60).
- 1994 Falk, D. The Trouble With Lucy. The American Nuclear Society, Northeastern New York Section, April.
- 1993 Falk, D. Braindance. Forum on Life in the Universe and the Search for Extraterrestrial Intelligence: Is Anybody Out There? Smithsonian Institution, Washington, D. C., May.
- 1993 Falk, D. Braindance: The evolution of intelligence. Sigma Xi lecture, Rensselaer Chapter, April.
- 1993 Falk, D. The evolution of intelligence. Sigma Xi lecture, SUNYA Chapter, February.
- 1993 Falk, D. Brain evolution in dolphins and humans: Implications for ETI. Meetings of the International Astronomical Union Bioastronomy: Progress in the Search for Extraterrestrial Life. University of California, Santa Cruz, California.
- 1993 Falk, D., Hildebolt, C. & M. Vannier. Orientation of endocranial casts in the Frankfurt Plane: Implications for bipedalism and brain evolution. American Association of Physical Anthropologists, Toronto (*Am. J. Phys. Anthropol. Suppl.* 16:84).
- 1992 Falk, D. Gordon Research Conference, "Gravitational Effects on Living Systems," August 10-14, 1992, Proctor Academy, Andover, New Hampshire.
- 1992 Falk, D. Braindance: The evolution of intelligence. Public Lecture, George Washington University, Washington, D. C., November.
- 1992 Falk, D. The radiator theory of brain evolution. CUNY Graduate Center, New York, May.

- 1991 Falk, D. The radiator theory of human brain evolution. Department of Anthropology, University of Massachusetts, Amherst, April.
- 1991 Falk, D. Evolution of the human brain: The radiator theory. Department of Physiology, Laval University, Quebec, April.
- 1991 Falk, D. Human origins and the evolution of the brain. Center for Neural Science, New York University, April.
- 1991 Falk, D. Evolution of the human brain. Beckman Institute, University of Illinois at Urbana-Champaign, February.
- 1991 Falk, D. Variability of meningeal branching patterns in primates (poster). American Association of Physical Anthropologists, Milwaukee (*Am. J. Phys. Anthropol. Suppl.* 12:72).
- 1990 Falk, D. Asymmetries in cortices of rhesus monkeys. Conference on laterality: Evolution and mechanism, Memphis State University (invited).
- 1990 Falk, D. Breech birth of the genus *Homo*: Why bipedalism preceded the increase in brain size. International symposium on the origin(s) of bipedalism in hominids, Paris, France (invited).
- 1990 Falk, D. The "radiator" theory of brain evolution in *Homo*. American Association of Physical Anthropologists, Miami (*Am. J. Phys. Anthropol.* 81:220).
- 1990 Konigsberg, L. W. and **Falk, D.** Maximum likelihood estimation of age-at-death structure in paleodemography. American Association of Physical Anthropologists, Miami (*Am. J. Phys. Anthropol.* 81:252).
- 1990 Falk, D. Sex differences in visuospatial skills: Implications for hominid evolution. Wenner Gren conference on tools, language and intelligence, Cascais, Portugal (invited).
- 1989 Falk, D., Vannier, M. and Hildebolt, C. Reassessment of the Taung early hominid endocast, using 3-D computer technology. International Congress of Vertebrate Morphology, Antwerp, Belgium (invited) (*Ann. Soc. Roy. Zool. Belgique* 119:9-10).
- 1989 Falk, D., Cheverud, J., Vannier, M. and Hildebolt, C. The evolution of brain lateralization in higher primates. Language Origins Society 5th. Annual Meeting, Austin, August 10-12 (*Program and Abstracts*, p. 15).
- 1989 Falk, D., Vannier, M., Hildebolt, C., Cheverud, J., Konigsberg, L., and Helmkamp, R. C. Lateralization in rhesus monkeys: implications for language origins in humans. American Association of Physical Anthropologists, San Diego (*Am. J. Phys. Anthropol.* 78:219).
- 1989 Cheverud, J., Konigsberg, L., **Falk, D.**, Helmkamp, C., Hildebolt, C. and Vannier, M. Heritability of cortical sulcus lengths in the rhesus macaques from Cayo Santiago. American Association of Physical Anthropologists (*Am. J. Phys. Anthropol.* 78:204).
- 1988 Falk, D. Blood, brain size, and Broca's Area: what endocasts tell us. NATO Advanced Study Institute and Meeting of the Language Origins Society, Cortona, Italy July 8-22, (invited) (*Program and Abstracts*: 12-14).
- 1988 Falk, D. Mosaic evolution in hominids: why bipedalism preceded an enlarged brain. American Association of Physical Anthropologists, Kansas City (*Am. J. Phys. Anthropol.* 75:207-208).
- 1987 Falk, D. Featured speaker, Sixth Annual Neuroscience Retreat, Purdue University, West Lafayette.
- 1987 Falk, D. International Workshop on Robust Australopithecines, Stony Brook (invited).
- 1987 Falk, D. Implications of WT 17000 for hominid evolution. Presented paper and chaired session, American Association of Physical Anthropologists, New York (*Am. J. Phys. Anthropol.* 72:197-198).
- 1986 Falk, D. The fossil record of hominid brain evolution in Africa. The Longest Record: International Conference in Honour of J. Desmond Clark, Berkeley (invited) (*Vol. of abstracts*: 32-33).
- 1986 Falk, D. Cranial blood drainage in hominids. American Association of Physical Anthropologists,

- Albuquerque (*Am. J. Phys. Anthropol.* 69:198).
- 1986 Conroy, G., M. W. Vannier, **D. Falk**, and J. Cheverud. Advanced computer graphics technology reveals cortical asymmetry in endocasts of rhesus monkeys: implications for hominid brain evolution. American Anthropological Association, Philadelphia (*Abstracts 85th meeting Am. Anthropol. Ass.:* 195).
- 1985 Falk, D. The role of sex in the evolution of intelligence. Co-chaired symposium (with A. Zihlman), American Association of Physical Anthropologists, Knoxville (*Am. J. Phys. Anthropol.* 66:167).
- 1984 Falk, D. The fossil record of human brain evolution. The Chancellor's Research Conference, University of Puerto Rico School of Medicine (invited).
- 1984 Falk, D. and G. Conroy. Phylogenetic implications of the cranial venous sinus system in *Australopithecus afarensis*. American Association of Physical Anthropologists, Philadelphia (*Am. J. Phys. Anthropol.* 63:157).
- 1984 Falk, D. The Caribbean Primate Research Center. International Primatological Society, Nairobi (*Int. J. Primatol.* 5:337).
- 1983 Falk, D. Allometry, body shape and brain evolution. Congress of Anthropological and Ethnological Sciences, Vancouver BC (invited).
- 1983 Falk, D. KNM-ER 1470: oldest human-like sulcal pattern in the hominid fossil record. American Association of Physical Anthropologists, Indianapolis (*Am. J. Phys. Anthropol.* 60:192).
- 1982 Falk, D. Allometry: scaling of brain size, body surface area and body shape in primates. International Primatological Society, Atlanta (*Int. J. Primatol.* 3:281).
- 1982 Falk, D. and R. Wade. Allometry: Body shape as a key factor in brain evolution. American Association of Physical Anthropologists, Eugene, Oregon (*Am. J. Phys. Anthropol.* 57:186).
- 1981 Falk, D. Primate neuroanatomy and the physical anthropologist. American Association of Physical Anthropologists, Detroit (*Am. J. Phys. Anthropol.* 54:218).
- 1980 Falk, D. Phyletic affinities of the endocast of *Dryopithecus africanus*. International Primatological Society, Firenze, Italy (invited) (*Antropologia Contemporanea* 3:195).
- 1980 Falk, D. The paleoneurological evidence for human brain evolution. International Primatological Society, Turin, Italy (Co-chair with E. Armstrong) (*Antropologia Contemporanea* 3:195).
- 1980 Falk, D. Anthropoid evolution: what endocasts tell us. American Association of Physical Anthropologists, Niagara Falls (*Am. J. Phys. Anthropol.* 52:225).
- 1980 Falk, D. University of Illinois, Chicago. Monkey sulcal patterns and continental drift. Sigma Xi speaker (invited).
- 1979 Falk, D. Comparative study of the endocranial casts of New and Old World monkeys. International Primatological Society, Bangalore, India (invited) (*Int. Primatol. Soc. Abs. Bangalore, India:*62).
- 1977 Falk, D. Differences in sulcal patterns of colobines and cercopithecines. American Association of Physical Anthropologists, Seattle (*Am. J. Phys. Anthropol.* 47:130).
- 1973 Falk, D. Who says Neanderthal couldn't talk? American Association of Physical Anthropologists, Dallas (*Am. J. Phys. Anthropol.* 1974:40:135).
- 1970 Reed, C. A. and **Falk, D.** The evolution of cranial capacity in *Homo* in relation to time and body weight. American Association for the Advancement of Science, Chicago (*Am. Zool.* 10:558).