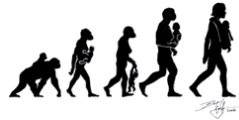


CURRICULUM VITAE



DEAN FALK

October, 2011

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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.

PROFESSIONAL EXPERIENCE

- 2010-2013 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 NATIONAL AND INTERNATIONAL SERVICE

- 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 Recipient of 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
- May 1, 2000 - April 30, 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

- 2008-2009 Resident Scholar at School for Advanced Research, Santa Fe; to write book about science, religion and the reception to new hominin discoveries.
- 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 APPEARANCES/CONSULTANT

- 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.
<http://www.wdr3.de/mosaik/details/artikel/wdr-3-mosaik-bd88736438.html>
- 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 Kryso 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

Editorial Board, *Behavioral and Brain Sciences*, December 31, 2008-December 31, 2011

Editorial Board, *Handbook on the Evolution of Human Cognition*, Elsevier Press (2006-present)

Editorial Board *Human Evolution* (2006-present); Panel of Referees (1989-present)

Editorial Board, *Advances in Human Evolution* (1991-present)

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

PUBLICATIONS

Books and Monographs

- 2012 Hofman, M. A. and D. Falk (eds). *Evolution of the Primate Brain: From Neuron to Behavior*. Elsevier, *in press*.
- 2011 Falk, D., *The Fossil Chronicles: How Two Controversial Discoveries Changed Our View of Human Evolution*. University of California Press.
- 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 Book edition of *Braindance* (paper).
- 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

- 2012 Falk, D. & R. Clarke. Reconstruction of the Taung endocast: A reply to Holloway and Broadfield, *submitted*.
- 2012 Bienvenu, T., Falk, D., Semendeferi, K., Guy, G., Zollikofer, C., Ponce de Leon, M., Tafforeau, P., Mackaye, H. T., Likius, A., Vignaud, P., Brunet, M. The brain of the earliest known hominid, *submitted*.
- 2012 Falk, D. Darwin on the evolution of “Man, the wonder and glory of the Universe,” *Science and Education*, *accepted*.
- 2012 Falk, D. Evolution of the neurological substrates of conscience, *in preparation*.

- 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*, doi:10.3889/neuro.18.003.2009.
- 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 Galili, 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. and D. Falk. 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. and D. Falk 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. and T. Gage. 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., Brunsdon, 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., Brunsdon, 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., D. Falk, M. Vannier, L. Konigsberg, C. Helmkamp, and C. Hildebolt. Heritability of brain size and surface features in rhesus macaques (*Macaca mulatta*). *J. Heredity* 81:51-57.
- 1990 Cheverud, J., D. Falk, C. Hildebolt, A. Moore, R.C. Helmkamp, and M. Vannier. Heritability and

- association of cortical petalias in rhesus macaques (*Macaca mulatta*). *Brain, Behav. Evol.* 35:368-372.
- 1990 Helmkamp, R. C., and D. Falk. 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, 1989 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. and D. Falk. 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., G. C. Conroy, J. Krieg, and D. Falk. 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.
- 1983 Falk, D. The Taung endocast: a reply to Holloway. *Am. J. Phys. Anthropol.* 60:479-489.
- 1983 Falk, D., and G. Conroy. The cranial venous sinus system in early hominids: phylogenetic and functional implications for *Australopithecus afarensis*. *Nature* 306:779-781.
- 1983 Falk, D. and S. Kasinga. Cranial capacity of female robust australopithecine (KNM-ER 407) from the Koobi Fora region, Kenya. *J. Hum. Evol.* 12:515-518.
- 1983 Walker, A. D. Falk, R. Smith, and M. Pickford. The skull of *Proconsul africanus*: reconstruction and cranial capacity. *Nature* 305:525-527.
- 1982 Falk, D. and R. Corruccini. Efficacy of cranial vs. dental measurements for sorting human populations. *Am. J. Phys. Anthropol.* 57:123-127.
- 1981 Falk, D. Sulcal patterns of fossil *Theropithecus* baboons: phylogenetic and functional implications. *Int.*

- J. Primatol.* 2:57-69.
- 1980 Falk, D. A reanalysis of the South African australopithecine natural endocasts. *Am. J. Phys. Anthropol.* 53:525-539.
- 1980 Falk, D. Hominid brain evolution: the approach from paleoneurology. *Yrbk. Phys. Anthropol.* 23:93-107.
- 1980 Falk, D. Language, handedness and primate brains: did the australopithecines sign? *Am. Anthropol.* 82:72-78.
- 1979 Falk, D. Cladistic analysis of New World monkey sulcal patterns: implications for primate brain evolution. *J. Hum. Evol.* 8:637-645.
- 1979 Falk, D. On a new australopithecine partial endocast. *Am. J. Phys. Anthropol.* 50:611-614.
- 1978 Falk, D. Brain evolution in Old World monkeys. *Am. J. Phys. Anthropol.* 48:315-320.
- 1978 Falk, D. Cerebral asymmetry in Old World monkeys. *Acta Anatomica* 101:334-339.
- 1977 Reed, C. A. and D. Falk. The stature and weight of Sterkfontein 14, a gracile australopithecine from Transvaal, as determined from the innominate bone. *Fieldiana: Geology* 33:423-440.
- 1975 Falk, D. Comparative anatomy of the larynx in man and the chimpanzee: implications for language in Neanderthal. *Amer. J. Phys. Anthropol.* 43:123-132.

Book Chapters

- 2012 Falk, D. Hominin paleoneurology: Where are we now? In M. Hofman & D. Falk (Eds.), *Primate Brain Evolution: From Neuron to Behavior*. Elsevier, *in press*.
- 2012 Falk, D. Language, handedness and primate brains (1980 *American Anthropologist* article). Reprinted In G. W. Fitch & W. T. Fitch (Eds.), *Language Evolution, Critical Concepts in Linguistics*.
- 2011 Falk, D. The role of mothers and infants in prelinguistic evolution. In M. Tallerman & K. R. Gibson (Eds.), *The Oxford Handbook of Language Evolution*, Oxford: Oxford University Press, *in press*.
- 2011 Falk, D. Hominin brain evolution, 1925-2007: An emerging overview. In S. C. Reynolds & A. Gallagher (Eds.), *African Genesis: Perspectives On Hominid Evolution*, Cambridge University Press, *in press*.
- 2010 Falk, D. Evolution of the brain, cognition, and speech. In C. Larsen (Ed.), *A Companion to Biological Anthropology*, Oxford: Blackwell Publishing, p. 258-271.
- 2009 Falk, D. Brain evolution: The radiator theory. In L. R. Squire (Ed-in-Chief), *Encyclopedia of Neuroscience*, Oxford: Academic Press, 2:347-352.
- 2007 Falk, D., Hildebolt, C. G., Smith, K. E. & Prior, F. LB1's virtual endocast: Implications for hominin brain evolution. In Proceedings from the International Seminar on Southeast Asian Paleoanthropology, Yogyakarta, Java; July 23-29:37-46.
- 2007 Hildebolt, C. F., Smith, K. E., Falk, D., Whiting, B. R., Tincher, C. M. & Prior, F. Protocols and applications of CT to the study of fossil hominins. In Proceedings from the International Seminar on Southeast Asian Paleoanthropology, Yogyakarta, Java; July 23-29:169-181.
- 2007 Falk, D. Evolution of the primate brain. In W. Henke & I. Tattersall (Eds.), *Handbook of Palaeoanthropology Vol. 2: Primate Evolution and Human Origins*, Springer-Verlag, 1133-1162. Translated into Belorussian, April, 2011: <http://blog.1800flowers.com/international/evolution-of-the-primate-brain-be/>

- 2007 Falk, D. Constraints on brain size: the radiator hypothesis. In J. H. Kaas (Ed), *The Evolution of Nervous Systems*, Academic Press, Oxford, pages 347-354.
- 2006 Falk, D. & N. Seguchi. Professor C. Loring Brace: Bringing Physical Anthropology (“Kicking and Screaming”) Into the 21st Century. In D. Brereton (Ed), *Retrospectives on Eight Michigan Anthropologists, Michigan Discussions in Anthropology*, Vol 16:175-211, University of Michigan, Ann Arbor.
- 2005 Falk, D. L’Australopitheque gracile etait-il musicien? In B. Cyrulnik (Ed), *Homo sapiens L’odyssée de l’espèce*, Tallandier, pages 197-203 (reprinted from *La Recherche*, Novembre).
- 2001 Falk, D. The evolution of sex differences in primate brains. In D. Falk & Kathleen Gibson (Eds), *Evolutionary Anatomy of the Primate Cerebral Cortex*, Cambridge University of Press, pages 98-111.
- 2001 Schafer, K., Seidler, H., Bookstein, F. L., Prossinger, H., Falk, D. & Conroy, G. Exo- and endocranial morphometrics in mid-Pleistocene and modern humans. In D. Falk and K. Gibson (Eds), *Evolutionary Anatomy of the Primate Cerebral Cortex*, Cambridge University Press, pages 290-304.
- 2000 Falk, D. Hominid brain evolution and the origins of music. In N. L. Wallin, B. Merker, S. Brown (Eds), *The Origins of Music*. Cambridge, MA: MIT Press, pages 197-216.
- 1997 Falk, D. Brain evolution in females: An answer to Mr. Lovejoy. In L. Hager (Ed), *Women in Human Evolution*, London, Routledge, pages 114-136.
- 1995 Falk, D. Brain evolution in dolphins, humans and other mammals: Implications for ETI. In G. S. Shostak (Ed), *Progress in the Search for Extraterrestrial Life: 1993 Bioastronomy Symposium*, San Francisco, Astronomical Society of the Pacific Conference Series, 74:52-62.
- 1993 Falk, D. Gender differences in visuospatial skills: Implications for hominid evolution. In K. Gibson and T. Ingold (Eds), *Tools, Language and Cognition in Human Evolution*, Cambridge University Press, pages 216-229.
- 1991 Falk, D. Breech birth of the genus *Homo*: Why bipedalism preceded the increase in brain size. *Origine(s) de la bipédie chez les hominides* (Cahiers de Paleoanthropologie), Editions du CNRS, Paris, pages 259-266.
- 1991 Falk, D. Implications of the evolution of writing for the origin of language: Can a paleoneurologist find happiness in the Neolithic? In J. Wind *et al.* (eds): *Language Origins: A Multidisciplinary Approach*, Kluwer Academic Publishers, The Netherlands, pages 245-251.
- 1991 Falk, D. 3.5 million years of hominid brain evolution. In W. Calvin and K. Graubard (eds): *Evolution of Nervous Systems. Seminars in the Neurosciences* 3:409-416.
- 1988 Falk, D. Enlarged occipital/marginal sinuses and emissary foramina: their significance in hominid evolution. In F. Grine (Ed.): *The Evolutionary History of the Robust Australopithecines*. Chicago: Aldine, pp.85-96.
- 1986 Falk, D. Primate endocasts and their significance for primate evolution. In D. Swindler (Ed.): *Systematics, Evolution and Anatomy*. New York: Alan Liss, pp. 477-490.
- 1982 Falk, D. A reconsideration of the endocast of *Proconsul africanus*. In R. L. Ciochon and R. Corruccini (Eds.): *New Interpretations of Ape and Human Ancestry*. New York: Plenum Publishing Company, pp. 239-248.
- 1982 Falk, D. Mapping fossil endocasts. In E. Armstrong and D. Falk (Eds.): *Primate Brain Evolution: Methods and Concepts*, New York: Plenum Publishing Company, pp. 217-226.
- 1982 Falk, D. Primate neuroanatomy, 1930-1980: an evolutionary perspective. In F. Spencer (Ed.): *A History of American Physical Anthropology, 1930-1980*. New York: Academic Press, pp. 75-103.
- 1981-1982 Falk, D. Is sociobiology neophrenology? In A. Leeds and V. Dusek (Eds.): *Philosophical Forum*, an edited volume, 13:109-118.

- 1980 Falk, D. Comparative study of the endocranial casts of New and Old World monkeys. In R. L. Ciochon and B. Chiarelli (Eds.): *Biology of the New World Monkeys and Continental Drift*. New York: Plenum Publishing Company, pp. 275-292.

Commentaries, Letters, and Invited Articles

- 2012 Falk, D. Happiness: An evolutionary perspective. In B. R. Johnston (Ed.), second *Vital Topics Forum* "On Happiness," the *American Anthropologist* 114(1), *in press*.
- 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://www.ibro.info/Pub/Pub_Main_Display.asp?LC_Docs_ID=3145]
- 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 gracile etait-il musicien? *La Recherche*, Novembre, 78-81.
- 2000 Falk, D. Evolution des Gehirns. In Katalog zur Ausstellung *Am Anfang War Das Bild*, United Exhibits Group, Koln, p. 20-21.
- 1999 Falk, D. and J. Redmond Reply to M. D. Matheson. *Discover Magazine*, September, p. 16.
- 1998 Falk, D. Hominid brain evolution: Looks can be deceiving. *Science* 280:1714; (Appeared in French in *Le Figaro*).
- 1998 Falk, D. No Surprises? Response to T. White. *Science* 281:45.
- 1995 Falk, D. What I did last summer. *New England Archaeological News* (Armidale, New South Wales) 4:3-4.
- 1995 Falk, D. Commentary on "The expensive-tissue hypothesis" by L. Aiello and P. Wheeler. *Curr. Anth.* 36:212.
- 1993 Falk, D. A good brain is hard to cool. *Natural History*, August, p. 65.
- 1993 Falk, D. and B. Dudek. Mosaic evolution of the neocortex. Invited commentary in *Behav. Br. Sci.*, 16:701-702.
- 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.
- 1989 Falk, D. Primate tool use: But what about their brains? Invited commentary in *Behav. Br. Sci.* 12:595-6.

- 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

- 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

- 2011 Falk, D. Finding our tongues: Mothers, infants & the origins of language. Palazzo Ducale; Genoa Science Festival, public lecture, October 28.
- 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., Jatmiko, 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 Asia Paleanthropology, 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 Asia Paleanthropology, Yogyakarta, Java; July 23-29.

- 2007 Falk, D. Exploring hominin brain evolution requires interdisciplinary research and training. Workshop on Culture, Mind, Brain & Development; Rensselaerville, NY, May 31.
- 2007 Falk, D., Hildebolt, C., Smith, K., Morwood, M. J., Sutikna, T., Jatmiko, Saptomo, E. W., Imhof, H., Seidler, H., Brunnsden, 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, Kansas 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 JSHS 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 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 Conserved neurogenesis versus cortical specialization during mammalian brain evolution. Santa Fe Institute, October.
- 1995 Braindance. Questacon Public Lecture, The National Science and Technology Centre, Canberra, Australia, September.
- 1995 The evolution of the human brain—the fossil evidence. Public Lecture, Armidale, Australia.
- 1995 Falk, D. Invited participant UNESCO sponsored conference on “race,” Stadtschlaining, 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 The Trouble With Lucy. The American Nuclear Society, Northeastern New York Section, April.
- 1993 Braindance. Forum on Life in the Universe and the Search for Extraterrestrial Intelligence: Is Anybody Out There? Smithsonian Institution, Washington, D. C., May.
- 1993 Braindance: The evolution of intelligence. Sigma Xi lecture, Rensselaer Chapter, April.
- 1993 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 Braindance: The evolution of intelligence. Public Lecture, George Washington University, Washington, D. C., November.
- 1992 The radiator theory of brain evolution. CUNY Graduate Center, New York, May.
- 1991 The radiator theory of human brain evolution. Department of Anthropology, University of Massachusetts, Amherst, April.
- 1991 Evolution of the human brain: The radiator theory. Department of Physiology, Laval University, Quebec, April.
- 1991 Human origins and the evolution of the brain. Center for Neural Science, New York University, April.
- 1991 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).