

# CURRICULUM VITAE

*Kevin D. Hunt*

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## Academic Appointments

- 2005 – Professor, Anthropology and Center for the Integrative Study of Animal Behavior (Core Faculty, 2002), Indiana University
- 1997 – 2004 Associate Professor, Anthropology and Center for the Integrative Study of Animal Behavior (Core Faculty, 2002), Indiana University
- 1991 – 1997 Assistant Professor of Anthropology, Adjunct Professor, Animal Behavior Program, Indiana University
- 1989 – 1991 Postdoctoral Fellow, Department of Anthropology, Harvard University

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## Education

- 1989 University of Michigan, Ann Arbor. Ph.D., Biological Anthropology  
“Positional behavior in *Pan troglodytes* at the Mahale Mountains and Gombe National Parks, Tanzania.” (C.L. Brace and R.W. Wrangham, co-chairs)
- 1982 University of Michigan, Ann Arbor. M.A., Biological Anthropology
- 1980 University of Tennessee, Knoxville. B.A., Biological Anthropology (Highest Honors, College Scholar; Honors Thesis “The elastic modulus of human cortical bone.” (F. H. Smith, College Scholar Advisor)

## Personal

Married to Marion Gewartowski Hunt  
Three children: Daniel Walter (born 1990), Marion Alison (b. 1990), David Lloyd (b. 1993)

## Languages

German: Reading intermediate, speaking basic  
French: Reading intermediate, speaking basic  
Swahili: Reading and speaking basic

**Honors and Awards**

2007	Trustees Teaching Award, Indiana University
2002	Trustees Teaching Award, Indiana University
2000	Teaching Excellence Recognition Award, Indiana University
1997	Teaching Excellence Recognition Award, Indiana University
1996	First alternate, Outstanding Junior Faculty Award, Indiana University
1993, 1995	Nominated for Presidential Faculty Fellows Award, by Indiana University.
1990	Chief's Award, Ann Arbor Police Department, for contribution to the safety and welfare of the city
1980	Phi Kappa Phi National Fellowship Honorable Mention
1980	Phi Kappa Phi Chapter Scholar, University of Tennessee

**Other Professional Recognition**

1995 –	Listed in Marquis' <i>Who's Who in Science and Engineering</i>
1999	Lexington's <i>Who's Who</i>
1999	<i>International Who's Who of Professionals</i>

**Extramural Grants and Fellowships (P.I. in italics)**

2010	Excavation of an underwater cavern containing primates, other extinct vertebrates and archaeological remains in Hispaniola: A site under threat. Co-PI with C. Beeker; PI: G.W. Conrad. National Science Foundation, BCS-1042835 (\$19,878)
2010	Positional Behavior of <i>Pan paniscus</i> at Lui Kotale, Democratic Republic of Congo. Kevin D. Hunt and Gilbert Ramos. Leakey Foundation (\$13,500)
2009	Orangutan and chimpanzee positional behavior. <i>S.K.S. Thorpe</i> and Kevin D. Hunt. Royal Society (UK) International Travel Grant (\$3,078.16 [£1917.60])
2008	Positional Behavior of <i>Pan paniscus</i> at Lui Kotale, Democratic Republic of Congo. Kevin D. Hunt and Gilbert Ramos. Leakey Foundation (\$11,500)
2004 – 2005	Dry Habitat Chimpanzee Ecology and Conservation at Toro-Semliki, Uganda (with Randy R. Patrick), Heritage Oil Company (\$25,000)
2002	Physical properties of primate ribs: Variation cortical area and second moments of area. REU Supplement to National Science Foundation BCS 98-15991 (\$2,000)
2000	Dissertation research: Biomechanical investigation of African apes and influences of positional behavior. Dissertation support for Kristian J. Carlson. National Science Foundation BCS-0002686 (\$7,922).
1998 – 2004	Dry habitat chimpanzee ecology and behavior: Implications for human bipedalism. National Science Foundation BCS 98-15991 (\$108,790)

- 1996 – 1997 Ecological bases of human bipedalism: study of open habitat chimpanzees at the Semliki Valley Wildlife Reserve, Uganda. National Science Foundation, SGER BNS 97-11124 (\$19,758)
- 1993 Locomotion and posture among primates of the Kibale Forest, Uganda. USAID/Makerere University Research Subcommittee (\$5,863)
- 1991 Dietary differences between monkeys and apes (co-Investigator with N.L. Conklin; Principal Investigator *R.W. Wrangham*), National Science Foundation BNS 91-20960 (\$112,950)
- 1986 Positional behavior in *Pan troglodytes*. (to *R.W. Wrangham*), National Science Foundation Dissertation Improvement Program, BNS-86-09869 (\$9,630)
- 1986 Quantification of positional behavior in *Pan troglodytes*. Sigma Xi (\$200)
- 1986 Positional behavior in *Pan troglodytes*. Leakey Foundation (\$4,095)
- 1980 Danforth Fellowship Finalist (\$250)

### **Intramural Grants and Fellowships**

- 2016 Support for “Wonder in the Natural World” workshop; held at IU April 3, 2016. From Consortium for the Study of Religion, Ethics and Society for our Wonder Workshop (\$4500)
- 2016 Support for “Wonder in the Natural World” workshop; held at IU April 3, 2016. From the Stone Age Institute (\$2500)
- 2016 Interspecific Positional Behavior of Neotropical Primates in the Osa Peninsula, Costa Rica. Hutton Honors College (K.D. Hunt Principal Investigator; Dylan Jones, co-Investigator; \$2500)
- 2009 Study of Dry-Habitat Chimpanzees at Toro-Semliki Wildlife Reserve, Uganda. Faculty Research Support Program (Principal Investigator; \$45377)
- 2009 Dry habitat chimpanzee ecology: implications for human evolution. Overseas Research Grant, Office of the Vice President for International Affairs (Principal Investigator; \$2500)
- 2005 Dry habitat chimpanzee ecology: implications for human evolution. Bridge Grant, College of Arts and Sciences, Indiana University (Principal Investigator; \$21500)
- 2002 Continuing research on dry habitat chimpanzee ecology: implications for human evolution. Summer Faculty Fellowship, Indiana University (Principal Investigator; \$8000)
- 1999 Dry habitat chimpanzee ecology: implications for human evolution. Summer Faculty Fellowship, Indiana University (Principal Investigator; \$6500)
- 1998 Lilly Fellowship, Indiana University, Bloomington (\$5000)
- 1996 Dry habitat chimpanzee ecology: implications for human evolution. Summer

- Faculty Fellowship, Indiana University (Principal Investigator; \$6500)
- 1994 Instructional technology equipment for the Student Building. (Principal Investigator: *S. Robeson* & Co-Instigator K.D. Hunt) Office of Information Technology, Indiana University (\$22800)
- 1994 Visual imaging for the departments of anthropology and geography. (Principal Investigator: *K.D. Hunt*; Co-Investigator *S. Robeson*) Office of Information Technology, Indiana University (\$13324)
- 1993 The nature of open-forest food resources: implications for the evolution of bipedalism. Summer Faculty Fellowship, Indiana University (Principal Investigator; \$6500)
- 1993 Locomotion and posture among primates of the Kibale Forest, Uganda. RUGS (IU) Emergency Grant-in-Aid, Indiana University (\$500)
- 1991 Summer Faculty Fellowship, Indiana University (Principal Investigator; \$4500)
- 1988 Rackham (Michigan) Dissertation Fellowship (Principal Investigator; \$4800)
- 1986 Margaret Wray French Fellowship (\$600)
- 1986 Horace H. Rackham (Michigan) Dissertation Research Grant (\$1500)
- 1985 Horace H. Rackham (Michigan) Predissertation Grant (\$600)

### **Honorary Societies**

- 1979 Phi Kappa Phi  
 1978 Phi Beta Kappa  
 1976 Phi Eta Sigma

### **Undergraduate Scholarships**

- 1979 Roddy Upperclassman Scholarship, University of Tennessee  
 1978 Roddy Upperclassman Scholarship, University of Tennessee  
 1977 Roddy Upperclassman Scholarship, University of Tennessee  
 1976 Colonel T. Barton Scholarship, University of Tennessee  
 1975 Lions Club (Oak Ridge, TN chapter) Scholarship, University of Tennessee

### **Publications**

#### **1. Books.**

- In Press* *K.D. Hunt. Sister Species: Lessons from the Chimpanzee.* Cambridge University Press (541 pp. ms.)
- In preparation* *K.D. Hunt (ed.) Neanderthal Tales: The Case for Continuity*

#### **2. Peer-Reviewed Articles (senior author in italics)**

1. 1986 K.D. Hunt and V.J. Vitzthum. Dental metric assessment of the Omo fossils: Implications for the phylogenetic position of *Australopithecus africanus*. *American Journal of Physical Anthropology* **71**: 141-155.

2. 1987a C.L. Brace, K.R. Rosenberg and K.D. Hunt. Gradual change in human tooth size in the late Pleistocene and post-Pleistocene. *Evolution* **41**: 705-720.
3. 1987b H. Takasaki and K.D. Hunt. Further medicinal plant consumption in wild chimpanzees? *African Study Monographs* **8**(2): 125-128.
4. 1990a C.L. Brace and K.D. Hunt. A non-racial craniofacial perspective on human variation: A(ustralia) to Z(uni). *American Journal of Physical Anthropology* **82**(3): 341-360.
5. 1990b C.L. Brace, M.L. Brace, Yukio Dodo, K.D. Hunt, W.R. Leonard, Li Yongyi, Shao Xiang-qing, Sood Sangvichien and Zhang Zhenbiao. Micronesians, Asians, Thais and relations: A craniofacial and odontometric perspective. *Micronesica* Suppl. **2**: 323-348.
6. 1991a K.D. Hunt. Positional behavior in the Hominoidea. *International Journal of Primatology* **12**(2): 95-118.
7. 1991b R.W. Wrangham, N.L. Conklin, C.A. Chapman and K.D. Hunt. The significance of fibrous food for Kibale Forest chimpanzees. *Philosophical Transactions of the Royal Society (B)* **334**: 171-178.
8. 1991c K.D. Hunt. Mechanical implications of chimpanzee positional behavior. *American Journal of Physical Anthropology* **86**: 521-536.
9. 1992a K.D. Hunt. Positional behavior of *Pan troglodytes* in the Mahale Mountains and Gombe Stream National Parks, Tanzania. *American Journal of Physical Anthropology* **87**(1): 83-107.
10. 1992b K.D. Hunt. Social rank and body size as determinants of positional behavior in *Pan troglodytes*. *Primates* **33**(3): 347-357.
11. 1992c C.A. Chapman, L.J. Chapman, R.W. Wrangham, K.D. Hunt, D.L. Gebo and L.J. Gardner. Estimators of fruit abundance of tropical trees. *Biotropica* **24**(4): 527-531.
12. 1993 R.W. Wrangham, N.L. Conklin, G. Etot, J. Obua, K.D. Hunt, M.D. Hauser and A.P. Clark. The value of figs to chimpanzees. *Int. J. Primatol.* **14**: 243-256.
13. 1994a K.D. Hunt. The evolution of human bipedality: ecology and functional morphology. *Journal of Human Evolution* **26**: 183-202.
14. 1994b D. M. Doran and K.D. Hunt. The comparative locomotor behavior of chimpanzees and bonobos: species and habitat differences. In: *Chimpanzee Cultures*, R.W. Wrangham, W.C. McGrew, F. de Waal and P.G. Heltne (eds.). Harvard University Press: Cambridge, pp. 93-108.
15. 1994c K.D. Hunt. Body size effects on vertical climbing among chimpanzees. *Int. J. Primatol.* **15**: 855-865.
16. 1996a K.D. Hunt. The postural feeding hypothesis: an ecological model for the evolution of bipedalism. *South African Journal of Science* **92**: 77-90.

17. 1996b *K.D. Hunt, J.G.H. Cant, D.L. Gebo, M.D. Rose, S.E. Walker, & D. Youlatos.* Standardized descriptions of primate locomotor and postural modes. *Primates* **37**: 363–387.
18. 1998a *K.D. Hunt, V.L. Dean, D.W. Fitting, and L. Adler.* Ultrasonic determination of the elastic modulus of human cortical bone. *Medical and Biological Engineering and Computing* **6**: 51–56.
19. 1998b *M.W. Marzke, N. Toth, K. Schick, S. Reece, B. Steinberg, K.D. Hunt, R.L. Linscheid, and K.-N. An.* EMG study of hand muscle recruitment during hard hammer percussion manufacture of Oldowan tools. *American Journal of Physical Anthropology* **105**: 315-333.
20. 1998c *R.W. Wrangham, N.L. Conklin-Brittain and K.D. Hunt.* Dietary response of chimpanzees and cercopithecines to seasonal variation in fruit abundance. I. Antifeedants. *Int. J. Primatol.* **19**: 949-970.
21. 1998d *N.L. Conklin-Brittain, R.W. Wrangham, and K.D. Hunt.* Dietary response of chimpanzees and cercopithecines to seasonal variation in fruit abundance. II. Macronutrients. *Int. J. Primatol.* **19**: 971-998.
22. 2003a *Toshisada Nishida, Nadia Corp, Miya Hamai, Toshikazu Hasegawa, Mariko Hiraiwa-Hasegawa, Kazuhiko Hosaka, Kevin D. Hunt, Noriko Itoh, Kenji Kawanaka, Akiko Matsumoto-Oda, John C. Mitani, Michio Nakamura, Koshi Norikoshi, Tetsuya Sakamaki, Linda Turner, Shigeo Uehara and Koichiro Zamma.* Demography, female life history and reproductive profiles among the chimpanzees of Mahale. *American Journal of Primatology*. **59** (3): 99-121.
24. 2003b *K.D. Hunt.* The single species hypothesis: truly dead and pushing up bushes, or still twitching and ripe for resuscitation? *Human Biology*. **75** (4): 485-502.
25. 2006 *K.J. Carlson, D.M. Doran-Sheehy, K.D. Hunt, T. Nishida, A. Yamanaka, and C. Boesch.* Locomotor behavior and long bone morphology in individual free-ranging chimpanzees. *Journal of Human Evolution*. **50** (4): 394-404.
26. 2007a *A. Matsumoto-Oda, M. Hamai, H. Hayaki, K. Hosaka, K.D. Hunt, E. Kasuya, K. Kawanaka, J.C. Mitani, K. Norikoshi, H. Takasaki and Y. Takahata.* Estrus cycle asynchrony in wild female chimpanzees, *Pan troglodytes schweinfurthii*. *Behavioural Ecology and Sociobiology*. **61**(5): 661-668
27. 2007b *W.C. McGrew, L.F. Marchant, K.D. Hunt.* Ethoarchaeology of manual laterality: well-digging by wild chimpanzees. *Folia Primatologica*. **78**(4): 240-244.
28. 2007c *K.E. Langergraber, H. Siedel, J.C. Mitani, R.W. Wrangham, V. Reynolds, K. Hunt and L. Vigilant.* The genetic signature of sex-biased migration in chimpanzees and humans. *PLoS ONE*, **2**(10): e973
29. 2010 *R.F. Kay, K.D. Hunt, C.D. Beeker, G.W. Conrad, C.C. Johnson and J. Keller.* Preliminary notes on a newly discovered skull of the extinct monkey *Antillothrix* from Hispaniola and the origin of the Greater Antillean monkeys. *Journal of Human Evolution*, **60**(1): 124-128.

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30. 2010 JF Oates, CEG Tutin, T Humle, ML Wilson, JEM Baillie, Z Balmforth, A Blom, C Boesch, D Cox, T Davenport, A Dunn, J Dupain, C Duvall, CM Ellis, KH Farmer, S Gatti, E Greengrass, J Hart, I Herbinger, C Hicks, KD Hunt, S Kamenya, F Maisels, JC Mitani, J Moore, BJ Morgan, DB Morgan, M Nakamura, S Nixon, AJ Plumptre, V Reynolds, EJ Stokes, PD Walsh (2010). *Pan troglodytes*. *IUCN Red List of Threatened Species*. Version 2010.4 (IUCN, Gland, Switzerland) [www.iucnredlist.org](http://www.iucnredlist.org).
31. 2012 D.R. Samson and K. D. Hunt. A thermodynamic comparison of arboreal and terrestrial sleeping sites for dry habitat chimpanzees (*Pan troglodytes schweinfurthii*) at the Toro-Semliki Wildlife Reserve, Uganda. *Am. J. Primatol.*, 74(9): 811-818
32. 2013 D.R. Samson, M.P. Muehlenbein and K. D. Hunt. Do chimpanzees (*Pan troglodytes schweinfurthii*) exhibit sleep related behaviors that minimize exposure to parasitic arthropods? A preliminary report on the possible anti-vector function of chimpanzee sleeping platforms. *Primates*, 54(1): 73-80.
33. 2014 D.R. Samson and K.D. Hunt. Chimpanzees preferentially select for sleeping platform construction tree species with biomechanical properties that yield stable, firm, but compliant nests. *PLoS ONE*, 9(4): d95361 (8 pages)
34. 2014 T.H. Webster, W.C. McGrew, L.F. Marchant, C.L.R. Payne, and K.D. Hunt. Selective insectivory at Semliki, Uganda: Comparative analyses reveal no 'savanna' chimpanzee pattern. *J. Hum. Evol.* 71: 20-27.
35. 2014 D.R. Samson and K.D. Hunt. Is Chimpanzee (*Pan troglodytes schweinfurthii*) Low Population Density Linked with Low Levels of Aggression? *PanAfrica News*, 21(2): 15-16.
36. 2016 K.D. Hunt. Why are there apes? Evidence for the coevolution of ape and monkey ecomorphology. *J. Anat.* **228**: 630-685.
37. 2018 A.M. Rich, M.D. Wasserman, C Deimel, S.K. Breeden, F. Kaestle and K.D. Hunt. Is genetic drift to blame for testicular dysgenesis syndrome in Semliki chimpanzees (*Pan troglodytes schweinfurthii*)? *J of Medical Primatology*, **47** (4): 257-269.
38. *In review* M. Hamilton, S.V. Nelson, D. Fernandez, K.D. Hunt. Identifying Riparian Habitat Preference with Strontium Isotope Ratios. Submitted to *Earth and Planetary Science Letters*.
39. *In revision* K.D. Hunt, S.E. Dunevant, R.M. Yohler, K.J. Carlson. Human-like femoral bicondylar angles among chimpanzees (*Pan troglodytes schweinfurthii*) at the Toro-Semliki Wildlife Reserve: Implications for the evolution of bipedalism.
40. *Submitted* D.R. Samson, L.A. Loudon, K. Gerstner, S. Wiley, B. Lake, B.J. White, C.L. Nunn, K.D. Hunt. Group sleeping wild chimpanzees reduce risk of insect exposure: support for the encounter-dilution effect. *Int. J. Primatol.*
- ms. a K.D. Hunt, T. Nishida and R.W. Wrangham. Sex differences in the chimpanzee

positional behavior, activity budget and diet: relative contributions of rank, reproductive demands, and body size. Intended for *Int. J. Primatol.*

ms. b *K.D. Hunt, M.T. O'Mara and J. Fuller.* Forest composition in a dry riverine forest chimpanzee habitat at Toro-Semliki, Uganda. intended for *Primates.*

ms. c *K.D. Hunt, J. Fuller, J. Latham, A.J.M. Cleminson, E. Bertram, and R.I. Weiss.* Drinking hole digging by chimpanzees at Semliki Wildlife Reserve, Uganda. Intended for *American Journal of Primatology.*

in prep. a *R.R. Patrick and K.D. Hunt.* Forest soils are neutral and savanna soils are acidic across a riverine forest-savanna transition at Toro-Semliki, Uganda. Intended for *Paleobiology.*

in prep. b *K.D. Hunt, J. Fuller, J. Latham, A.J.M. Cleminson, E. Bertram, T. O'Mara, and R.I. Weiss.* Nesting behavior of dry-habitat chimpanzees, at Semliki, Uganda.

in prep. c *K.D. Hunt and G. M. Thomas.* Dry habitat and moist habitat fruit syndromes: implications for the evolution of bipedalism. Intended for *American Journal of Physical Anthropology.*

### 3. Peer-Reviewed Chapters

1. 1991a *C.L. Brace, S.L. Smith and K.D. Hunt.* What big teeth you had grandma! Human tooth size, past and present. In: *Advances in Dental Anthropology*, M. A. Kelley and C. S. Larsen (eds.). Wiley-Liss: New York, pp. 33-57.

2. 1998a *K.D. Hunt.* Ecological morphology of *Australopithecus afarensis*: traveling terrestrially, eating arboreally. In: *Primate Locomotion: Recent Advances*, E. Strasser, J.G. Fleagle, H.M. McHenry and A. Rosenberger (eds.). Plenum: New York, pp. 397-418.

3. 1998b *D.C. Cook and K.D. Hunt.* Sex differences in trace elements: status or self-selection? In: *Gender in Palaeopathological Perspective*, A. Grauer & P.L. Stuart (eds.) Cambridge University Press, pp. 64-78.

4. 2002 *K.D. Hunt and W. C. McGrew.* Chimpanzees in dry habitats at Mount Assirik, Senegal and at the Semliki-Toro Wildlife Reserve, Uganda. In: *Behavioural Diversity in Chimpanzees and Bonobos*, C. Boesch, G. Hohmann and L.F. Marchant (eds.) Cambridge University Press, pp. 35-51.

### 4. Non-Peer-Reviewed Chapters and Articles

1. 1991b *C.L. Brace, D.P. Tracer and K.D. Hunt.* Human craniofacial form and the evidence for the peopling of the Pacific. Proceedings of the 14<sup>th</sup> Congress of the Indo-Pacific Prehistory Association, Yogyakarta, Indonesia. *Bulletin* **11**: 247-269.

2. 2002 *K.D. Hunt.* Primatology as a career. In: *A Guide to Careers in Physical Anthropology*, A. S. Ryan (ed.) Greenwood Publishing Group: Westport, pp. 85-107.



3. 2004 K.D. Hunt. The special demands of Great Ape locomotion and posture. In: *Evolutionary Origin of Great Ape Intelligence*, A.E. Russon and D. Begun (eds.). Cambridge University Press, pp. 172-189.
4. 2007 K.D. Hunt. Sex differences in chimpanzees foraging behavior and tool use: Implications for the Oldowan. In: *The Oldowan: Case Studies into the Earliest Stone Age*. Nicholas Toth & Kathy Schick (eds.) CRAFT Press, Bloomington, Indiana.
5. 2010 R.R. Patrick, D. Patrick and K.D. Hunt. Long term changes at the Toro-Semliki Wildlife Reserve. In: *Long Term changes in Africa's Rift Valley: impacts on biodiversity and ecosystem*, A.J. Plumptre (ed.) NOVA Science Publishers, Hauppauge, NY, pp. 56-69.

*Submitted* R. Coskun, K.D. Hunt. Comparing Myxovirus Resistance Gene A (Mx1) and Habitat Variation in Chimpanzees (*Pan troglodytes*) and Rhesus Macaques (*Macaca mulatta*). *Indiana University Journal of Undergraduate Research*.

### 5. Encyclopedia Entries, Commentaries, Newsletter Articles and Other Publications

1. 1993 K.D. Hunt. The mosaic lifeway of the early australopithecines: piecing in some fragments from the world of the chimpanzee. *Anthroquest* 47: 3-7.
2. 2000 K.D. Hunt. Initiation of a new chimpanzee study site at Semliki-Toro Wildlife Reserve, Uganda. *PanAfrica News*. 7 (2): 14-16.
3. 2002 T. O'Mara and K.D. Hunt. The Semliki Chimpanzee Project. *The Newsletter, Primate Foundation of Arizona*, 13(2): 1.
4. 2003 V.J. Vitzthum and K.D. Hunt. Frank Livingstone honored at AAPA meetings. *Evolutionary Anthropology*, 12(4): 161-163.
5. 2006a K.D. Hunt. Australopithecines, australopiths. In H.J. Birx (ed.) *Encyclopedia of Anthropology*. Sage Publications, Thousand Oaks, California, pp. 311-317.
6. 2006b K.D. Hunt. Bipedalism. In H.J. Birx (ed.) *Encyclopedia of Anthropology*. Sage Publications, Thousand Oaks, California, pp. 372-377.
7. 2008a C.L.R. Payne, T.H. Webster and K.D. Hunt. Coprophagy by the semi-habituated chimpanzees of Semliki, Uganda. *PanAfrica News*. 15 (2): 29-32.
8. 2008b K.D. Hunt. Commentary on The chimpanzee has no clothes: A critical examination of *Pan troglodytes* in models of human evolution (Sayers K, Lovejoy CO) *Curr Anth* 49, 100-101.
9. 2009 T.H. Webster, Phineas R. Hodson and K.D. Hunt. Observations of the Grooming Hand-Clasp Performed by Chimpanzees of the Mugiri Community, Toro-Semliki Wildlife Reserve, Uganda. *PanAfrica News*. 16(1): 5-7.
19. 2010 W.C. McGrew, L.F. Marchant, C. Payne, T. Webster & K.D. Hunt. Chimpanzees at Semliki Ignore Oil Palms. *PAN Africa News* 17(2): 19-21.
11. 2011 K.D. Hunt. Is Lethal Violence an Integral Part of Chimpanzee Society? *Psychology Today* Web Logs, April 14, 2011. <http://www.psychologytoday>

- .com/blog/the-naked-ape/201104/is-lethal-violence-integral-part-chimpanzee-society
12. 2012 *W.C McGrew* and K.D. Hunt. Chimpanzee pith-folding at Toro-Semliki Wildlife Reserve, Uganda. *PanAfrica News*. 18(2): 15-16.
  13. 2013 *W.C McGrew*, L.F. Marchant, C.L.R. Payne, T.H. Webster & K.D. Hunt. Well digging by Semliki chimpanzees: New Data on Laterality and Possible Significance of Hydrology. *PanAfrica News*. 20(1): 5-8.
  14. 2014 *Lois Sepahban* (K.D. Hunt, Content Consultant). *Jane Goodall: Revolutionary Primatologist and Anthropologist*. Abdo Publishing: Minneapolis.
  15. 2015 *K.D. Hunt*. Bipedalism. In: *Basics in Human Evolution*, M.P. Muehlenbein (Ed). Elsevier: Boston, pp. 103-112.
  16. 2015 *K.D. Hunt*. Early Hominins. In: *Basics in Human Evolution*, M.P. Muehlenbein (Ed). Elsevier: Boston, pp. 113-127.
  17. 2017 *K.D. Hunt*. Arboreal locomotion. In *The International Encyclopedia of Biological Anthropology*, Wenda Trevathan (ed). John Wiley and Sons, Inc.
  18. 2018 *K.D. Hunt*. Primate suspensory behavior. In *The Encyclopedia of Animal Cognition and Behavior*, Jennifer Vonk and Todd Shackelford (eds). Springer. [https://doi.org/10.1007/978-3-319-47829-6\\_1440-1](https://doi.org/10.1007/978-3-319-47829-6_1440-1)

#### 6. Abstracts (senior author in *italics*, \*refereed works asterisked)

1. \*1984 *K.D. Hunt* and V.J. Vitzthum. Dental metric assessment of the phylogenetic position of *Australopithecus africanus*. *Am. J. Phys. Anthropol.* **63**(2):172.
2. \*1988 *C.L. Brace*, M.L. Brace and K.D. Hunt. Australia in craniodental perspective. *Am. J. Phys. Anthropol.* **75**(2):189.
3. \*1989a *K.D. Hunt*. Positional Behavior in Pan troglodytes. *Am. J. Phys. Anthropol.* **78**(2): 242-243.
4. 1989b *Brace, C.L.*, Y. Li, S.L. Smith, K.D. Hunt, Z. Zhang, and M.L. Brace. A craniofacial comparison of Circum-Pacific peoples. Circum-Pacific Prehistory Conference Program and Abstracts, Seattle, Washington, August 1–6, 1989.
5. \*1990 *K.D. Hunt*. Implications of chimpanzee positional behavior for the reconstruction of early hominid locomotion and posture. *Am. J. Phys. Anthropol.* **81**(2): 242.
6. \*1991 *K.D. Hunt*. A test of four predictions of the influence of body size on suspensory behavior in chimpanzees. *Am. J. Phys. Anthropol.* Suppl. **12**: 95-96.
7. 1992 *K.D. Hunt*. Sex differences in chimpanzee positional behavior, activity budget and diet. *Bulletin of the Chicago Academy of Sciences.* **15**(1): 4.
8. \*1993 *K.D. Hunt*. Sex differences in chimpanzee foraging strategies: implications for the australopithecine toolkit. *Am. J. Phys. Anthropol.* Suppl. **16**: 112.
9. \*1995a *D.C. Cook* and K.D. Hunt. Sex differences in trace elements: status or self-selection? *Am. J. Phys. Anthropol.* Suppl. **20**: 78.
10. \*1995b *K.D. Hunt* and F. Spencer. A multidimensional approach to human evolution: C. Loring Brace in retrospect. *Am. J. Phys. Anthropol.* Suppl. **20**: 114.

11. \*1996 R.W. Wrangham, N.L. Conklin-Brittain and K.D. Hunt. Dietary response to seasonal variation in fruit abundance: chimpanzees compared to frugivorous monkeys. Abstracts of the 1996 IPA/ASP Congress.
12. \*1997a M.W. Marzke, N. Toth, K. Schick, S. Reece, B. Steinberg, K. Hunt, R.L. Linscheid, and K.N. An. Hard hammer percussion manufacture of tools and early hominid hand morphology. *J. hum. Evol.* **32**: A11.
13. \*1997b S. Reece, B. Steinberg, M.W. Marzke, N. Toth, K. Schick, K. Hunt, R.L. Linscheid, and K.N. An. Sidescraping, endscraping and the hominid hand. *J. hum. Evol.* **32**: A17.
14. \*1999 K.D. Hunt, A.J.M. Cleminson, J. Latham, R.I. Weiss and S. Grimmond. A partly habituated community of dry-habitat chimpanzees in the Semliki Valley Wildlife Reserve, Uganda. *Am. J. Phys. Anthropol.* Suppl. **28**: 157.
15. 2000 K.D. Hunt. Some preliminary observations of a dry-habitat chimpanzee community in the Semliki-Toro Wildlife Reserve, Uganda. *Abstracts of the Behavioral Diversity in Chimpanzees and Bonobos Conference*, p. 14.
16. 2001 K.D. Hunt. The tangled thicket of bipedalism origin hypotheses: Embarrassment of riches, or just embarrassment? American Association of Anthropologists national meeting, December 1, 2001.
17. \*2002 K.D. Hunt. The single species hypothesis: truly dead and pushing up bushes, or still twitching and ripe for resurrection? *Am. J. Phys. Anthropol.* Suppl. **34**: 87.
18. \*2004a K.J. Carlson, D.M. Doran, K.D. Hunt, T. Nishida, A. Yamanaka, and C. Boesch. Cross-sectional geometry and locomotor behavior of habituated chimpanzees from the Tai and Mahale National Parks. *Am. J. Phys. Anthropol.* Suppl. **38**: 74.
19. \*2004b K.D. Hunt. The cognitive demands of great ape locomotion and posture. *Folia Primatologica (Abstracts of the XX Congress of the International Primatological Society)*. **75**: 281.
20. \*2006 K.D. Hunt. Swinging pendulum crops hominin tree. *Am. J. Phys. Anthropol.* Suppl. **42**: 107.
21. \*2007 L.F. Marchant, W.C. McGrew, and K.D. Hunt. Ethoarchaeology of manual laterality: well-digging by wild chimpanzees. *Am. J. Phys. Anthropol.* Suppl. **44**: 163.
22. \*2009 L.F. Marchant, W.C. McGrew, C.L.R. Payne, T.H. Webster and K.D. Hunt. Well-digging by Semliki chimpanzees: New data. *Am. J. Phys. Anthropol.* Suppl. **48**: 183.
24. \*2009 W.C. McGrew and K.D. Hunt. You Got to Know How to Fold'em: Biassed Wadge-Folding in Wild Chimpanzees. *Am. J. Phys. Anthropol.* Suppl. **48**: 188.
22. \*2009 T.H. Webster, L.F. Marchant, W.C. McGrew, C.L.R. Payne and K.D. Hunt. Semliki Chimpanzees Do Eat Insects. *Am. J. Phys. Anthropol.* Suppl. **48**: 268.

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23. \*2010 L.F. Marchant, T.H. Webster, W.C. McGrew, C.L.R. Payne, and K.D. Hunt. Chimpanzee insectivory detected: Resource availability, monitoring and consumption. *Am. J. Phys. Anthropol. Suppl.* **50**:162-163.
24. \*2011 A Rich, K Hunt, D Polly, DC Cook. Quantification of sub-condular constriction of the tibia. *Am. J. Phys. Anthropol.* **144**: 252-253.
25. \*2012 T.L. Webster, W.C. McGrew, L.F. Marchant, C.L.R. Payne and K.D. Hunt. The other faunivory' at Semliki, Uganda: is there evidence for a 'savanna chimpanzee' pattern of insectivory? *Am. J. Phys. Anthropol. Suppl.* **54**: **299**.
26. \*2012 R.F. Kay, K.L. Allen, L.A. Gonzales, K.L. Kruger and K.D. Hunt. Dietary reconstruction of *Antillothrix bernensis*, a Holocene monkey from the Dominican Republic. *Society of Vertebrate Paleontology*, **32**(2): 82.
27. \*2012 K.L. Allen, R.F. Kay, K.D. Hunt, C.D Beeker and G.W Conrad. Brain size and endocranial morphology of *Antillothrix* (Holocene, Dominican Republic, Hispaniola). *Am. J. Phys. Anthropol. Suppl.* **54**: 82.
28. \*2012 K.D. Hunt and R.F. Kay. Origin of the Greater Antillean Primate Fauna. *Society of Vertebrate Paleontology*, **32**(2): 114.
29. \*2013 C. Deimel, M. Hirschauer and K.D. Hunt. Feeding ecology/Diet composition of savanna chimpanzees at Semliki Toro Wildlife Reserve, Uganda. *Am. J. Phys. Anthropol. Suppl.* **56**: 110.
30. \*2013 A. Rich Stout, C. Deimel, C. Griffith, J. Sept, K.D. Hunt and B. Long. Hominids agent-based model of Toro-Semliki Wildlife Reserve: Incorporating a modern mosaic habitat analogy into interpretations of the paleoenvironment and ranging behavior of *Ardipithecus ramidus*. *Am. J. Phys. Anthropol. Suppl.* **56**: 232.
31. \*2015 S.D. Hurst, R.L. Holloway, P.T. Schoenemann, D.C. Broadfield and K.D. Hunt. The New and the Old in Hominid Brain Evolution, Part II: Why Paleoneurology Needs A Chimpanzee Brain Atlas. *Am. J. Phys. Anthropol. Suppl.* **60**: 173-174.
32. \*2015 J.M. Riley and K.D. Hunt. Preservation of Faunal Remains from an Underwater Cavern, Padre Nuestro, Dominican Republic. SAA Meetings Abstracts, <http://www.saa.org/Home/tabid/36/Default.aspx>.
33. 2017 N.E. Frankston, K.D. Hunt, J.E. Vollmar, A.B. Nguyen, J.J. Davis, IV, A.K. Chomistek, A.H. Gruber. Do Selective Pressures on Pelvic Dimensions Influence Risk of Running Injury Development? Abstracts of the American College Sports Medicine annual meeting.
34. \*2018 K. D. Hunt, S. E. Dunevent, R. M. Yohler, K. J. Carlson. Dry habitat chimpanzee femora have greater bicondylar angles than forest chimpanzees. Abstracts of the 2018 International Primatological Society Meeting, Nairobi Kenya

## 7. Book Reviews

1. 1993a *Primate Today*, Akiyoshi Ehara, Tasuku Kimura, Osamu Takenaka

- and Mitsuo Iwamoto (eds.) *American Journal of Physical Anthropology* **90**: 130-133.
2. 1993b. *Teaching Sign Language to Chimpanzees*, R.A. Gardner, B.T. Gardner and T.E. Van Cantfort (eds.). *Journal of Anthropological Linguistics* **33**: 388-389.
  3. 1993c. *Origine(s) de la Bipédie chez les Hominidés*. Y. Coppens and B. Senut (eds.), *Int. J. Primatol.* **14**: 941–944.
  4. 1994a. *Uniquely Human*. P. Lieberman. *Journal of Anthropological Linguistics*. **36**: 120–123.
  5. 1994b. *Primates and Their Relatives in Phylogenetic Perspective*. R.D.E. MacPhee (ed.) *Human Biology* **66**(6): 1118-1121.
  6. 1995a. *Postcranial Adaptation in Nonhuman Primates*. D. L. Gebo (ed.) *American Journal of Physical Anthropology* **96**: 100-102.
  7. 1995b. *Theropithecus: The Rise and Fall of a Primate Genus*. N. G. Jablonski (ed.) *Animal Behaviour* **49**: 557-559.
  8. 1997. *Primate Behavior: Information, Social Knowledge, and the Evolution of Culture*. D. Quiatt and V. Reynolds. *Curr. Anthropol.* **38**: 322-324.
  9. 2006. *The Cultured Chimpanzee: Reflections on Cultural Primatology*. William C. McGrew. *J. Anthropol. Res.* 62 (2): 261-262

#### 8. Reprinted Article (senior author in *italics*)

- 1992 R.W. Wrangham, N.L. Conklin, C.A. Chapman, and K.D. Hunt. The significance of fibrous food for Kibale Forest chimpanzees. In: *Foraging Strategies and Natural Diet of Monkeys, Apes and Humans*. W. Whiten, and E.M. Widdowson (eds.) Oxford University Press: Oxford.

#### 9. Other Publications (manuscripts available on request)

1. n.d. *K.D. Hunt*. C. Loring Brace IV. *Program: Evolution, History and Biological Anthropology*. American Association of Physical Anthropologists annual meeting, Oakland, March 30, 1995, pp. 9-12.
2. n.d. *K.D. Hunt*. Field work in primatology. <http://php.indiana.edu/~kdhunt/fieldwork.html>

#### Field and Research Experience

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| 2018 | Research on chimpanzees at the Toro-Semliki Wildlife Reserve, Uganda (May-June). <i>Three months</i> . |
| 2017 | Research on chimpanzees at the Toro-Semliki Wildlife Reserve, Uganda (May-June). <i>Two months</i> .   |
| 2016 | Research on chimpanzees at the Toro-Semliki Wildlife Reserve, Uganda (May-June). <i>Two months</i> .   |
| 2015 | Research on chimpanzees at the Toro-Semliki Wildlife Reserve, Uganda (May-June). <i>Two months</i> .   |

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- 2014 Research on chimpanzees at the Toro-Semliki Wildlife Reserve, Uganda (May-June). *One month.*
- 2012 Research on chimpanzees at the Toro-Semliki Wildlife Reserve, Uganda (May-June). *Two months.*
- 2010 Research on chimpanzees at the at the Toro-Semliki Wildlife Reserve, Uganda (January, May-June). *Two months.*
- 2010 Excavation of fossil primates at Padre Nuestro, Dominican Republic (May) *One week.*
- 2009 Research on chimpanzees at the at the Toro-Semliki Wildlife Reserve, Uganda (June-July). *One month.*
- 2008 Research on chimpanzees at the at the Toro-Semliki Wildlife Reserve, Uganda (June-July). *One month.*
- 2006 Research on chimpanzees at the at the Toro-Semliki Wildlife Reserve, Uganda (June-August). *Six weeks.*
- 2005 Research on chimpanzees at the at the Toro-Semliki Wildlife Reserve, Uganda (June-July). *Three weeks.*
- 2004 Research on chimpanzees at the at the Toro-Semliki Wildlife Reserve, Uganda (June-August). *One and a half months.*
- 2003 Habituation of chimpanzees, establishment of research station, and collection of ranging, diet and climatological data at the Toro-Semliki Wildlife Reserve, Uganda (July-August). *One month.*
- 2002 Habituation of chimpanzees, establishment of research station, and collection of ranging, diet and climatological data at the Semliki Wildlife Reserve, Uganda (May-June). *One month.*
- 2001 Habituation of chimpanzees, establishment of research station, and collection of ranging, diet and climatological data at the Semliki Valley Wildlife Reserve, Uganda (June-July). *One and a half months.*
- 2000 Habituation of chimpanzees, establishment of research station, and collection of ranging, diet and climatological data at the Semliki Valley Wildlife Reserve, Uganda (August). *One month.*
- 1999 Habituation of chimpanzees, establishment of research station, and collection of ranging, diet and climatological data at the Semliki Valley Wildlife Reserve, Uganda (March, August – September). *Two months.*
- 1998 Habituation of chimpanzees, establishment of research station, and collection of ranging, diet and climatological data at the Semliki Valley Wildlife Reserve, Uganda (January – February, August). *Three months.*
- 1997 Habituation of chimpanzees and establishment of research station at the Semliki Wildlife Reserve, Uganda. *Two months.*
- 1996 Habituation of chimpanzees at the Semliki Valley Wildlife Reserve, Uganda. *Three months.*

- 1995 Electromyography of hand and arm musculature during stone tool manufacture. Collaboration with Mary W. Marzke, Kathy D. Schick and Nicholas Toth. *One week.*
- 1993 Feeding ecology and positional behavior research on blue monkeys, redtails, mangabeys and chimpanzees at the Kibale Forest Reserve, Uganda. *Six months.*
- 1990 – 1991 Functional anatomy of fossil hominids. Study of casts of early hominids and primate skeletons at the Peabody Museum, Harvard University. *Five months.*
- 1989 – 1990 Positional behavior and feeding ecology of chimpanzees, Kibale Forest Reserve, Uganda. *Three months.*
- 1987 – 1988 Research Assistant, University of Michigan Museum of Anthropology. Supervisor: C. Loring Brace. *Nine months.*
- 1986 – 1987 Positional behavior of chimpanzees and baboons, Gombe and Mahale Mountains National Parks, Tanzania. *One year.*
- 1985 – 1986 Research Assistant, University of Michigan Museum of Anthropology. Supervisor: C. Loring Brace. *Nine months.*
- 1985 Positional behavior of zoo chimpanzees, Knoxville Zoo, Knoxville, Tennessee. *One month.*
- 1981 Research Assistant, Center for Human Growth and Development, University of Michigan. Supervisor: Stanley M. Garn. *Four months.*
- 1979 – 1980 Ultrasonic determination of the elastic modulus of human cortical bone. Honors Thesis research, University of Tennessee. Supervisors: F.H. Smith, D.W. Fitting and L. Adler. *One year.*

## **Presentations**

### **1. Sponsored Lectures**

- 2018 “Overview of extant hominoid locomotion and posture with brief comments on functional morphology.” REACHE Workshop on Miocene Catarrhine Evolution, National Museums of Kenya, Nairobi, August 8, 2018
- 2018 “Ecological drivers in the evolution of bipedalism: dry-habitat chimpanzee cranial and postcranial morphology is convergent on australopiths.” University of Michigan, April 6, 2018
- 2018 “Convergence of dry-habitat chimpanzees on australopiths suggests a semi-arboreal adaptation for *some* australopiths: but what about the others?” George Washington University, April 18, 2018
- 2017 “Dry-habitat apes are convergent on early hominins: savanna ecology and the evolution of bipedalism.” University of Cincinnati, January 27, 2017.
- 2013 “The Rise of Primates, Apes and Early Hominins.” The Stone Age Institute and Indiana University symposium: ORIGINS: The Evolution of the Universe, the Earth, Life, and the Human Species. Bloomington, IN, October 20.

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- 2011 "The Rise of Primates, Apes and Early Hominins" The Stone Age Institute and Indiana University symposium: "ORIGINS: The Evolution of the Universe, the Earth, Life, and the Human Species. Bloomington, IN, October 23.
- 2009 "Planet of the Apes Monkeys: How competition with monkeys drove the evolution of many unique ape and human features" The Stone Age Institute and Indiana University symposium: "ORIGINS: The Evolution of the Universe, the Earth, Life, and the Human Species. Bloomington, IN, October 10.
- 2007 "The forest home of early hominins: firm foundation or house of cards?" New York Consortium of Evolutionary Primatologists, December 6. Sponsored by NYCEP
- 2007 "Chimpanzee diet, functional morphology, rank and sex differences: bringing it all to bear on the ecology and behavior of the earliest hominins" Hope College Speakers Series, October 26. Sponsored by the Biology Department.
- 2007 "Australopithecine paleoecology and habitat reconstruction: forest, savanna, neither or both?" Anthropology Speakers Series. Southern Illinois University, October 12. Sponsored by the Anthropology Department.
- 2007 "Ecology of Miocene hominins: perspectives from dry habitat chimpanzee ecology and foraging behavior" Paleontology Meets Primatology Conference. University of Cambridge, Cambridge UK, April 19. Sponsored by The National Science Foundation.
- 2004 "Chimpanzee socioecology in a hot, dry habitat: implications for early hominin evolution." At the symposium "African Great Apes: Diversity and Evolutionary Perspectives," Kyoto, March 4. Sponsored by Kyoto University.
- 2003 "The ecological basis of hominin bipedalism: dry-habitat chimpanzee research yields some surprises." Stony Brook University, September 4. Sponsored by Stony Brook University.
- 2002 "Chimpanzees in a warm, low-rainfall habitat at Toro-Semliki Uganda: what's so hot about dry-habitat apes?" University of California, San Diego, November 18. Sponsored by UCSD.
- 2002 "Parallels in australopithecine and chimpanzee habitats: implications for early hominin foraging strategies." Southern California Primate Research Forum, California State University, San Bernardino, November 16.
- 2000 "Some preliminary observations of a dry-habitat chimpanzee community in the Semliki-Toro Wildlife Reserve, Uganda," Max Planck Institute, Leipzig, June 13. Sponsored by the Max Planck Institute.
- 2000 "Chimpanzees point to the evolution of human bipedalism: Research at Semliki-Toro, Uganda" Coalition for National Science Funding, Washington, D.C., May 17. Sponsored by the Indiana University Office of Research and The University Graduate School.
- 2000 "Chimpanzee food-getting strategies hint at the origin of bipedalism," Institute



- of Human Origins, Arizona State University, Tempe, March 4. Sponsored by the Institute of Human Origins.
- 1999 "Primate societies: five social solutions to tropical ecology," Oberlin College, February 18. Sponsored by the Department of Anthropology.
- 1999 "Evolution of bipedalism: one small step, or one giant leap?" Oberlin College, February 19. Sponsored by the Department of Anthropology.
- 1999 "Seminar: research on a dry-forest chimpanzee community in the Semliki Valley, Uganda" Oberlin College, February 19. Sponsored by the Department of Anthropology.
- 1998 "Why can't we crack the bipedalism nut?" Miami University of Ohio, September 24. Sponsored by the Department of Sociology and Anthropology.
- 1998 "The Mio-Pliocene hominid puzzle: when we fit together the pieces, do we understand the origin of bipedalism?" Miami University of Ohio, September 24. Sponsored by the Department of Sociology and Anthropology.
- 1997 "Testing bipedalism origin hypotheses on dry-habitat chimpanzees." LSB Leakey Foundation Symposium "Apes and Our Ancestors: Primate Behavior and Hominid Evolution," Stanford University, Palo Alto, CA, December 6.
- 1996 "Quest for fruit: why bipedalism stood the test of time." University of Tennessee Department of Anthropology, November 26. Sponsored by the Anthropology Visiting Lecture Program.
- 1996 "Human bipedalism as a two-step phenomenon." University of Tennessee Department of Anthropology, November 27. Sponsored by the Anthropology Visiting Lecture Program.
- 1995 "Ecological morphology of *Australopithecus afarensis*: traveling terrestrially, eating arboreally." UC Davis, March 27. Sponsored by Wenner-Gren.
- 1993 "Standing up to chow down: anatomy and ecology in apes and *afarensis*." University of Chicago, Chicago IL, December 7. Sponsored by BBC Horizons Productions.
- 1991 "Reconstructing australopithecine locomotion and posture: getting there from here." Indiana University, January 21. Sponsored by the Department of Anthropology.
- 1991 "Chimp chest, human hip: chimpanzee mechanics as a tool for understanding the earliest humans." University of Wisconsin, Milwaukee, February 15. Sponsored by the Department of Anthropology.
- 1991 "What Fifi had to say about Lucy: a chimp's eye view of australopithecine locomotion and posture." New York University, February 28. Sponsored by the Department of Anthropology.
- 1991 "Sex differences in chimpanzee positional behavior: the influence of social rank and diet." Understanding Chimpanzees Conference, Field Museum, Chicago, December 11. Sponsored by Chicago Academy of Sciences.
- 1989 "Locomotion and posture in the common chimpanzee: data from wild

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chimpanzees.” Texas A & M University, February 20. Sponsored by the Department of Anthropology.

- 1989 “Mechanical interpretations of the positional behavior of *Pan troglodytes*: implications for fossil hominid positional evolution.” Rutgers University, April 18. Sponsored by the Department of Anthropology.

## 2. Professional Meeting Presentations

- 2018 Dry habitat chimpanzee femora have greater bicondylar angles than forest chimpanzees. International Primatological Society Meeting, Nairobi Kenya. 20 August, 2018
- 2014 Keynote address, “What is Ecomorphology?” Anatomical Society. Birmingham, U.K. 16 December, 2014.
- 2006 “Swinging pendulum crops hominin bush,” 75<sup>th</sup> annual meeting of the American Association of Physical Anthropologists. Anchorage, March 10.
- 2004 “Cognitive demands of great ape locomotion and posture,” XX Congress of the International Primatological Society. Torino, Italy, August 26.
- 2002 “The single species hypothesis: truly dead and pushing up bushes, or still twitching and ripe for resurrection?” American Association of Physical Anthropologists annual meeting. Buffalo, NY, April 17.
- 2001 “The tangled thicket of bipedalism origin hypotheses: Embarrassment of riches, or just embarrassment?” American Anthropological Association annual meeting. Washington, DC, December 1.
- 1999 “A partly habituated community of dry-habitat chimpanzees in the Semliki Valley Wildlife Reserve, Uganda.” American Association of Physical Anthropologists annual meeting, Columbus, OH, April 29.
- 1995 “A multidimensional approach to human evolution: C. Loring Brace in retrospect.” American Association of Physical Anthropologists annual meeting, Oakland CA, March 30.
- 1994 “Causes of variation in the australopithecine toolkit.” Society of Africanist Archaeologists (SAfA) 12<sup>th</sup> Biennial conference, Indiana University, April 29.
- 1993 “Sex differences in chimpanzee foraging strategies: implications for the australopithecine toolkit.” American Association of Physical Anthropologists annual meeting, Toronto ON, April 15.
- 1991 “A test of four predictions of the influence of body size on suspensory behavior in chimpanzees.” American Association of Physical Anthropologists annual meeting, Milwaukee, WI, April 5.
- 1990 “Implications of chimpanzee positional behavior for the reconstruction of early hominid locomotion and posture.” American Association of Physical Anthropologists annual meeting, Miami FL, April 6.
- 1989 “Positional behavior in *Pan troglodytes*.” American Association of Physical Anthropologists annual meeting, San Diego CA, April 6.
- 1984 “Dental metric assessment of the phylogenetic position of *Australopithecus*

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*africanus.*” American Association of Physical Anthropologists annual meeting, Philadelphia PA, April 13.

### 3. Invited Scholarly Lectures

- 2010 “The Road Not Taken: How Monkeys Outcompeted Apes and Set the Stage for Human Brain Expansion” Guest Lecture in Beverly Stoeltje’s anthropology Capstone Seminar, March 11
- 2009 “Divergence between Old World Monkeys and Apes: What does it mean for the human diet?” Guest Lecture in Anya Royce’s anthropology E105, Nov. 17
- 2008 “Chimpanzee Language,” Guest Lecture in Steve Frank’s A105 Linguistics class, October 7
- 2007 “Chimpanzee Language,” Guest Lecture in Steve Frank’s A105 Linguistics class, October 1
- 2007 “Explaining sex differences among chimpanzees in diet, positional behavior and sociality” Indiana University CISAB summer Research Experience for Undergraduates class, Bill Timberlake, organizer, May 30
- 2007 “Finding food is no picnic: The effects of party size, social rank, body size, sex and reproductive status on chimpanzee activity budgets and feeding behavior,” Guest Lecture in Gracia Clark’s anthropology Capstone Seminar, January 16
- 2006 “The political animal: How primates excel in cognitive tasks related to political manipulation,” the 26<sup>th</sup> Annual Meeting of the Association for Politics and the Life Sciences, Bloomington, Indiana, October 26
- 2005 “The evolution of bipedalism” Max Planck Institute for Evolutionary Anthropology, June 23.
- 2005 “Functional morphology of the chimpanzee, with a brief look at early hominins.” Max Planck Institute for Evolutionary Anthropology, May 17.
- 2005 “Sex differences in chimpanzee...and beyond.” Max Planck Institute for Evolutionary Anthropology, May 10.
- 2005 “Finding food is no picnic: the affect of social rank, body size, party size, sex, and estrus state on activity budget and feeding behavior.” Max Planck Institute for Evolutionary Anthropology, May 3.
- 2005 “The ecological morphology of chimpanzees.” Leipzig Zoo, Leipzig Germany, April 13
- 2003 “Study of dry-habitat chimpanzee behavior in Western Uganda and its implications for human evolution..” Department of African Studies, Indiana University, September 30.
- 2003 “Why do anthropologists study primates?” Guest Lecture in Scheiber class, Indiana University, April 21
- 1999 “Is there a human fossil record?” Guest lecture in Biology L318, Biology

Department, Indiana University, Bloomington, February 23.

- 1997 “Discussant: Central inhibition in chimpanzees.” Kinsey Institute, Indiana University, December 4.
- 1993 “Trees to tools: the evolution of the human foraging pattern.” Exploring African Prehistory Workshop, Indiana University, May 1.
- 1991 “Smitten hip and thigh, spared head and chest: evolution visited on the australopithecines.” Peabody Museum, Harvard University, March 15.
- 1989 “Chimpanzee feeding ecology as an analogue for the australopithecines: arboreal bipeds?” Peabody Museum, Harvard University, Sept. 24.
- 1988 “Walk on the wild side: a cursory look at locomotion and lifestyle in the chimpanzees of Mahale and Gombe, Tanzania.” Michigan Museum of Anthropology, April 21.

#### 4. Service and Outreach Lectures

- 2018 “Chimpanzee Diet Determines Social System, Violence, Intelligence and...well...Everything?” Mini-University, IU, June 12
- 2017 “The Fall and Rise of the Single Species for Human Evolution: Dmanisi, Georgia fossils neaten up the human family tree?” Mini-University, IU, June 12
- 2016 “Where do the recently discovered *Homo naledi* fossils fit in the Human Evolutionary Tree??” Mini-University, IU, June 13
- 2015 “Killer Instinct in Chimpanzees: Fact or Fantasy?” Mini-University, IU, June 8
- 2014 “Functional Anatomy Approaches to Human Paleontology: Research on the evolution of bipedalism and Neanderthal faces” Geological Sciences, Indiana University, April 22, 2014
- 2014 “Savanna Chimpanzee Ecology Throws Light on the Evolution of Bipedalism” Illinois State University, April 16, 2014
- 2014 “Chimpanzee Genetics: What does it mean for human evolution and human health?” Mini-University, IU, June 9
- 2013 “Can Apes Acquire Human Language? An Insiders View of Ape Language Studies” Mini-University, IU, June 10
- 2013 “Evolution of bipedalism.” Guest lecture, Muehlenbein B200 class, March 5
- 2012 “A first look at IU Underwater Science’s recently discovered primate fossil, *Antillothrix bernensis*” Mini-University, IU, June 18
- 2011 “The evolution of human bipedalism: hypotheses and evidence” Mini-University, IU, June 23
- 2010 “Making sense of ‘Ardi,’ the new *Ardipithecus ramidus* fossils: chimpanzee, human, or both??” Mini-University, IU, June 21
- 2009 “Not Dead Yet: Why the Neanderthal controversy still has a pulse” Mini-University, IU, June 22
- 2008 “Planet of the Apes Monkeys” Mini-University, IU, June 23
- 2007 “Lucy’s Baby: 3.3 Million-Year-Old Skeleton of a Juvenile Australopithecine

- Reveals the Course of Human Evolution?" Mini-University, IU, June 22
- 2007 "Did bipedalism make us human?" Science Café, Borders Bookstore, April 12
- 2004 "Chimpanzee anatomy and behavior," Binford Elementary School (4<sup>th</sup> Grade), Bloomington, IN, June 4
- 2003 "The stages of human evolution," Mini-University, Indiana University, June 23
- 2003 "Religion and human evolution" Read Center Bible Study Group, Indiana University, April 17
- 2002 "Progress at the periphery: research on chimpanzees in an extreme environment at Semliki, Uganda." Animal Behavior Seminar Series, Indiana University, January 30.
- 2001 "Bipedalism since Darwin: Random walk, or positive progress?" CRAFT, Indiana University, December 7.
- 2001 "Five primate societies," Mini-University, IU, Bloomington, June 23
- 2001 "An introduction to our cousin, the chimpanzee: social behavior, language experiments, and prospects for their continuing existence in the wild," Sponsored by the Center For Sustainable Living, Monroe County Public Library, Bloomington, IN, March 3
- 2001 "Careers in academia" Binford Elementary School (5<sup>th</sup> Grade), Bloomington, IN, April 12
- 2000 "Apes of the World," Binford Elementary School (4<sup>th</sup> Grade), Bloomington, IN, November 17
- 2000 "The stages of human evolution," Mini-University, Indiana University, June 21
- 2000 "Fossil evidence for human evolution," Continuing Studies, Indiana University, February 3, 10 and 17.
- 2000 "Chimpanzees," Childs Elementary School (3<sup>rd</sup> Grade), Bloomington, IN, Feb. 4.
- 1999 "Five primate societies," Mini-University, Indiana University, Bloomington, June 25
- 1999 "Primate evolution" Binford Elementary School, Bloomington, IN, May 28.
- 1998 "Primate societies" Mini-University, Indiana University, Bloomington, June 17.
- 1998 "The diet of wild chimpanzees," Collins Living Learning Center, Indiana University, March 25.
- 1998 "Wild apes of Africa," Rap with a Researcher Program, Children's Museum of Indianapolis, March 7.
- 1997 "Progress on habituation of chimpanzees at the Semliki Valley Wildlife Reserve, Uganda." Undergraduate Anthropology Society, Indiana University, Sept. 18.
- 1997 "The panoply of human evolution: from bipedal apes to modern humans." Lecture to Bloomington North High School students, May 21, 1997.
- 1997 "Chimpanzees in wild Africa" Rogers Elementary School, Bloomington, IN, March 25.
- 1996 "Testing the predictions of the postural feeding hypothesis on chimpanzees of

- the Semliki Valley Wildlife Reserve, Uganda.” Undergraduate Anthropology Society, Indiana University, November 12.
- 1996 “Academic opportunities at IU.” Red Carpet Day presentation to high school juniors, Indiana University, November 10.
- 1996 “Human bipedalism as a two-step phenomenon.” Evolutionary Biology Study Group, Indiana University, May 8.
- 1995 “The diverse societies of the great apes.” Harmony (High) School, Bloomington, December 14.
- 1994 “Meet your ancestors: *Australopithecus afarensis* and *Homo erectus*.” Harmony (Middle) School, Bloomington, March 8.
- 1994 “What apes tell us about our ancestors.” Harmony (Grammar) School, Bloomington, March 8.
- 1992a “Sex differences in chimpanzee foraging strategies: implications for the australopithecine toolkit.” CRAFT, Indiana University, February 13.
- 1992b “Hanging with the apes: field study and functional morphology of chimpanzees.” Geological Sciences, Indiana University, March 4.

## Teaching

### 1. Teaching Interests

Human paleontology, hominin and ape functional anatomy, primate feeding ecology, primate social behavior, anatomy, human osteology

### 2. Courses Developed

*EVOLUTION OF PRIMATE SOCIAL BEHAVIOR* (B368/568): Primate societies are parsed into 5 basic systems, after which variations on these themes are investigated. Students learn that nonhuman primates vary from solitary, positively antisocial species, to animals that gather in groups of up to 300. The evolutionary and ecological bases of primate intelligence, communication, tool use, territoriality, aggression, parenting, affiliation, and sociality are detailed.

*INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY* (B200): B200 is an introduction to the biological study of humans. Students learn the basics of genetics, evolutionary theory, human evolution, human adaptation, and human variation. Five supervised labs give students hands-on experience with primate morphology, dental anatomy, fossil anatomy, and biological methods.

*HUMAN PALEONTOLOGY* (B464): Our understanding of human evolution is traced from classical Greek philosophy, to the modern synthesis, to socioecology. Epistemology from Plato to Popper is related to the human fossil record. Four labs allow students to examine fossil primates and fossil humans first-hand to gain an in-depth familiarity with every stage of human evolution. Ecology, subsistence strategy, and functional anatomy are emphasized.

*THEORY AND METHOD IN HUMAN PALEONTOLOGY* (B524): Hypothesis testing, experimental design and evolutionary theory are examined through the

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primary literature. A selection of diverse and influential research articles focus discussion. Interwoven with readings are labs in which students observe, measure and then interpret hominid fossils in light of the readings. Paleoecology, species identification, molecular taxonomy and cladistics are critiqued as the meaning of human fossils is explored. Graduate students achieve a level of familiarity with hominid fossils that prepares them to teach human paleontology to undergraduates with confidence and currency.

*TREES TO TOOLS: EVOLUTION OF THE HUMAN FORAGING PATTERN* (B400/600): In this seminar a deeper understanding of fossil hominid cultural and intellectual evolution is sought through readings on optimal diet theory, optimal foraging theory, socioecology, human and ape food processing techniques, ape foraging strategies, ape tool use and early human technology.

*SISTER SPECIES: LESSONS FROM THE CHIMPANZEE* (C105 [1995]): Sister Species is as much a survey of the natural sciences as it is a review of chimpanzee research. Chimpanzee research is merely the nexus through which students are introduced to the fields of history and philosophy of science, taxonomy, anatomy, functional morphology, kinesiology, physiology, ecology, nutrition, ethology, molecular biology, epidemiology, pathology, endocrinology, embryology, genetics, psychology, linguistics, public policy, and animal conservation.

*UP FROM THE APE: WHY ARE THERE HUMANS?* (B400/600): In this seminar students discuss hypotheses that purport to explain why and when humans evolved characteristics unique among the primates. Seminar begins with a discussion of which features define humanity. A series of lectures on human evolution follows. Students read, discuss and debate the merits of scientific articles that grapple with critical issues in human evolution.

*ADVANCED READINGS IN HUMAN PALEONTOLOGY* (B400/600): Advanced undergraduates and graduate students read and discuss the merits and meaning of up-to-the-week human evolution research. Focus is on groundbreaking works from the months and weeks – and sometimes hours – before each meeting. Students have a strong voice in the choice of weekly topics.

*PRIMATE FIELD OBSERVATION TECHNIQUES* (A495): Behavioral sampling, behavioral statistics, hypothesis testing, experimental design, practical botany, primate ecology, and ecological sampling are among the topics in this methods course. Students are required to critique a sample of laudable primate behavior papers and apply what they have learned in their own project.

*THE PRIMATES* (B466): This combination seminar and lecture class covers the evolution of primate feeding strategies, primate functional anatomy, the evolutionary and ecological bases of sociality, evolution of territoriality and primate phylogeny by working our way through J.G. Fleagle's *Primate Adaptation and Evolution*. Familiarity with primate taxonomy, socioecology and evolutionary theory are helpful.

*PRIMATE BEHAVIOR: THE JANE GOODALL LEGACY* (B400/600): Primate Behavior consists of two weeks of lectures on chimpanzee behavioral research, followed by seminar discussion. Students consider the structure of chimpanzee ecology and society, the quality of relationships between chimpanzees, feeding behavior, sexual behavior, communication, language studies, association patterns, grooming relationships, mother-infant interactions, reproduction, locomotion and posture, hunting, tool use, dominance relationships, aggression, and the importance of kin relationships. Seminar discussion begins with consideration of two classic descriptions of chimpanzee behavior by Jane Goodall, *In The Shadow of Man* and *Through a Window*, followed by discussion of the Goodall's more formal research and that of her colleagues.

*THE ADAPTED PRIMATE MIND* (A501/B400/B600 [2004]): The Adapted Primate Mind is a seminar concerned with the unusual selective pressures that have acted on the nonhuman primate mind to yield a host of unusual and complex behaviors. Some particular issues that will be discussed in the seminar are: complexity of foraging regimes, categorization and discrimination, optimal-diet decision making, tool use, quantitative abilities, communication, long-term relationship maintenance, reciprocity and exchange, theory of mind, deception, coalition formation, political maneuvering, and culture. We explore these issues through readings drawn from both a text and the primary literature, in talks given by guest speakers, and in discussions with visitors and among ourselves. Principal readings come from Tomasello and Call's *Primate Cognition*, supplemented by primary literature where appropriate.

*HOW WE GOT HERE: A LOOK AT CHIMPANZEES, DARWIN AND OTHER CLUES TO UNDERSTANDING THE EVOLVED HUMAN* (College S105 [2005]): The human body is a marvelous machine: it is capable of remarkable feats of endurance; it houses a brain capable of supercomputer-like intellectual calculations; and it is remarkably sturdy, resilient and durable. In many ways, the body maintains itself almost without our noticing. It fights off disease, turns food into energy, repairs itself, and accommodates to an extraordinary range of temperatures. Some of these capabilities are unusual—if not unique—in the animal world, but most are unremarkable and performed every bit as competently by other animals. Still other human capacities, such as night vision, muscular power, bone strength, acuity of smell, and reproductive output seem positively stunted compared to other animals. In this class we consider how humans came to exist by looking at what humans are, how and why they came to be, how they are similar to and different from other animals, and how our evolutionary past influences our lives today.

### 3. Teaching History, Instructor

17-18	Fall	C105	Sister Species: Lessons from the Chimpanzee (Fr)	(120 students)
	Fall	B368/568	Evolution of Primate Social Behavior (Jr-Sr/Gr)	(40 students)



16-17	Spr	B464/524	Human Paleontology	(Jr-Sr/Gr)	(~20 students)
	Spr	B466	The Primates	(Jr-Sr/Gr)	(~10 students)
	Fall	C105	Sister Species: Lessons from the Chimpanzee	(Fr)	(70 students)
	Fall	B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(35 students)
15-16	Sum	C105	Sister Species: Lessons from the Chimpanzee	(Fr)	(30 students)
	Spr	B200	Introduction to Biological Anthropology	(Soph)	(110 students)
	Spr	B464/524	Human Paleontology	(Jr-Sr/Gr)	(14 students)
	Fall	B466	The Primates	(Jr-Sr/Gr)	(10 students)
	Fall	B400/600	Chimpanzee Behavior: The Goodall Legacy	(Jr-Sr/Gr)	(6 students)
14-15	Sum	C105	Sister Species: Lessons from the Chimpanzee	(Fr)	(30 students)
	Spr	B464/524	Human Paleontology	(Jr-Sr/Gr)	(21 students)
	Spr	B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(32 students)
	Fall	B400/600	Miocene Apes and Early Hominins	(Jr-Sr/Gr)	(6 students)
	Fall	C105	Sister Species: Lessons from the Chimpanzee	(Fr)	(118 students)
13-14	Sum	C105	Sister Species: Lessons from the Chimpanzee	(Fr)	(29 students)
	Spr	B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(37 students)
	Spr	H241	Honors: The Anthropocene	Underclass	(21 students)
	Fall	C105	Sister Species: Lessons from the Chimpanzee	(Fr)	(120 students)
	Fall	B464/524	Human Paleontology	(Jr-Sr/Gr)	(25 students)
12-13	Sum.	C105	Sister Species: Lessons from the Chimpanzee	(Fr)	(27 students)
	Spr. 2013		<b>Sabbatical</b>		
	Fall	A501/600	Primate Socioecology and Behavioural Evol.	(Jr-Sr/Gr)	(11 students)
11-12	Spr.	B466	The Primates	(Jr-Sr/Gr)	(13 students)
	Spr.	B368	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(25 students)
	Fall	B524	Theory and Method in Human Paleontology	(Grad)	(11 students)
10-11	Spr.	B400/600	Miocene Apes	(Jr-Sr/Gr)	(10 students)
	Spr.	E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(120 students)
	Fall	B466	The Primates	(Jr-Sr/Gr)	(10 students)
09-10	Spr.	B524	Theory and Method in Human Paleontology	(Grad)	(10 students)
	Fall	B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(36 students)
	Fall	B464	Human Paleontology	(Jr-Sr/Gr)	(19 students)
08-09	Spr.	B466	The Primates	(Jr-Sr/Gr)	(23 students)
	Fall	E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(87 students)
07-08	Sum	E105	The Evolved Human (IFS)	(Fr)	(13 students)
	Spr.	B464	Human Paleontology	(Jr-Sr/Gr)	(19 students)
		B524	Theory and Method in Human Paleontology	(Grad)	(7 students)
	Fall	B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(25 students)
06-07	Sum	E105	The Evolved Human (IFS)	(Fr)	(9 students)
			Guest Lecturer (six lectures) in "Primate Behavior and Conservation Field School in Costa Rica"	(Jr-Sr)	(21 students)

	Spr.	E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(125 students)
		B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(65 students)
	Fall	B400/600	Chimpanzee Behavior: The Goodall Legacy	(Jr-Sr/Gr)	(24 students)
		B200	Introduction to Biological Anthropology	(Soph)	(115 students)
05-06	Sum	E105	The Evolved Human (IFS)	(Fr)	(11 students)
	Spr.	B464	Human Paleontology	(Jr-Sr/Gr)	(19 students)
		B524	Theory and Method in Human Paleontology	(Grad)	(7 students)
	Fall	B400/600	Current Readings in Human Paleontology	(Jr-Sr/Gr)	(9 students)
		B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(37 students)
04-05	Spr.		<b>Sabbatical</b>		
	Fall	B400/600	The Adapted Primate Mind	(Jr-Sr/Gr)	(16 students)
		B200	Introduction to Biological Anthropology	(Soph)	(93 students)
03-04	Sum.	E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(21 students)
	Spr.	B464	Human Paleontology	(Jr-Sr/Gr)	(28 students)
		B524	Theory and Method in Human Paleontology	(Soph)	(11 students)
	Fall	B400/600	Chimpanzee Behavior: The Goodall Legacy	(Jr-Sr/Gr)	(27 students)
		B200	Introduction to Biological Anthropology	(Soph)	(92 students)
02-03	Sum.	E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(30 students)
	Spr.	B400/600	Chimpanzee Behavior: The Goodall Legacy	(Jr-Sr/Gr)	(26 students)
		B200	Introduction to Biological Anthropology	(Soph)	(107 students)
	Fall	B400/600	Current Readings in Human Paleontology	(Jr-Sr/Gr)	(7 students)
		B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(54 student)
01-02	Spr.	A105	Human Origins and Prehistory	(Fr)	(217 students)
		B466	The Primates	(Jr-Sr/Gr)	(20 students)
	Fall	E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(120 students)
		B400/600	Advanced Readings in Human Paleontology	(Jr-Sr/Gr)	(9 students)
00-01	Sum.	E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(30 students)
	Spr.	B524	Theory and Method in Human Paleontology	(Gr)	(5 students)
		B464	Human Paleontology	(Jr-Sr/Gr)	(35 students)
	Fall	B400/600	Advanced Readings in Primatology	(Jr-Sr/Gr)	(7 students)
		B200	Introduction to Biological Anthropology	(Soph)	(149 students)
99-00	Spr.	E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(108 students)
		B400/600	Advanced Readings in Human Paleontology	(Jr-Sr/Gr)	(11 students)
	Fall		Undergraduate Advising Teaching Release		
98-99	Spr.	B524	Theory and Method in Human Paleontology	(Gr)	(4 students)
		S511	Current Issues in Paleoanthropology	(Gr)	(7 students)
		B464	Human Paleontology	(Jr-Sr/Gr)	(33 students)
		A105	Human Origins and Prehistory	(Fr)	(208 students)
	Fall	B200	Introduction to Biological Anthropology	(Soph)	(90 students)
		B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(65 students)
97-98	Spr.		<b>Sabbatical</b>		
	Fall	E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(120 students)
		B400/600	Advanced Readings in Human Paleontology	(Jr-Sr/Gr)	(11 students)

96-97	Spr.	B524	Theory and Method in Human Paleontology	(Gr)	(5 students)
		B464	Human Paleontology	(Jr-Sr/Gr)	(18 students)
Fall	E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(104 students)	
	B400/600	Advanced Readings in Human Paleontology	(Jr-Sr/Gr)	(9 students)	
	A495	Readings in Primatology (6 hrs credit)	(Jr-Sr)	(1 student)	
	A495	Readings in Paleoanthropology (1 hr credit)	(Gr)	(5 students)	
95-96	Sum.	B368	Evolution of Primate Social Behavior	(Jr-Sr)	(13 students)
	Spr.	A105	Human Origins and Prehistory	(Fr)	(130 students)
Fall		B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(74 students)
	A495	Readings in Paleoanthropology	(Gr)	(3 students)	
	A495	Independent Study	(Jr-Sr)	(2 students)	
	B400/600	Up from the Ape: Why Are There Humans?	(Jr-Sr/Gr)	(25 students)	
94-95	Sum.	B200	Introduction to Biological Anthropology	(Soph)	(28 students)
		E105	Sister Species: Lessons from the Chimpanzee	(Fr)	(113 students)
Fall	B524	Theory and Method in Human Paleontology	(Gr)	(8 students)	
	A105	Human Origins and Prehistory	(Fr)	(309 students)	
	B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(49 students)	
93-94	Spr.	B464	Human Paleontology	(Jr-Sr/Gr)	(20 students)
		B400/600	Trees to Tools: Evolution of Human Foraging	(Jr-Sr/Gr)	(9 students)
		A495	Independent study	(Jr-Sr/Gr)	(3 students)
Fall	B200	Introduction to Biological Anthropology	(Soph)	(86 students)	
	B524	Theory and Method in Human Paleontology	(Gr)	(3 students)	
92-93	Sum.	B200	Introduction to Biological Anthropology	(Soph)	(19 students)
	Spr.	B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(38 students)
B400/600		Seminar: Origin of the Australopithecinae	(Jr-Sr/Gr)	(10 students)	
A495		Independent study	(Jr-Sr/Gr)	(3 students)	
Fall		Research Leave			
91-92	Spr.	B464	Human Paleontology	(Jr-Sr/Gr)	(24 students)
		B200	Introduction to Biological Anthropology	(Soph)	(72 students)
		A495	Independent study	(Jr-Sr/Gr)	(2 students)
	Fall	B368/568	Evolution of Primate Social Behavior	(Jr-Sr/Gr)	(16 students)
A105		<i>Human Origins and Prehistory</i>	(Fr)	(108 students)	
Total					~4,400 students

## **Graduate Student Supervision**

### **1. Doctoral Dissertations Supervised**

- 1991 – 1998 Eric A. Worch, *Play in Four Species of East African Monkeys: Implications for Early Childhood and Elementary Education*, Indiana University.
- 1994 – 2002 Kristian J. Carlson, *Shape and material properties of African pongid femora and humeri: their relationship to observed positional behaviors*. Indiana University.

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- 2000 – 2006 Jason Heaton, *Taxonomy of the Sterkfontein Fossil Cercopithecinae: The Papionini of Members 2 and 4 (Gauteng, South Africa)*; (co-supervised with Travis Pickering)
- 1996 – 2007 Julienne N. Rutherford. *Litter size effects on placental structure and function in common marmoset monkeys (Callithrix jacchus): Implications for intrauterine resource allocation strategies*. Indiana University.
- 2006 – 2013 David R. Samson. *Orangutan (Pongo pygmaeus) sleep architecture: Testing the cognitive function of sleep and sleeping platforms in the Hominoidea*. Indiana University.
- 2003 – 2014 Gilbert L. Ramos, III. *Positional Behavior in Pan paniscus at Lui Kotale, Democratic Republic of Congo*. Indiana University.
- 1996 – 2016 Shawn D. Hurst. *Emotional Evolution in the Frontal Lobes: Social Affect and Lateral Orbitofrontal Cortex Morphology in the Hominoids*. Indiana University.
- 2007 – 2017 Blaire Hensley-Marschand. *Homo erectus in China: Paleoenvironment, Subsistence, and Technological Adaptation Reflected in a Nihewan Basin Faunal Collection* (co-supervised with David Polly)

## 2. Current Doctoral Supervision

- 2008 – Matthew Nowak (Susan Ford, doctoral supervisor)
- 2012 – Kurt White (Andrea K. Chomistek, doctoral supervisor)
- 2013 – Colleen Friedly
- 2015 – Sylvia Ascari (David Polly, doctoral supervisor)
- 2015 – Kelley Ostrofsky (Sergio Almecija, doctoral supervisor)
- 2016 – David Pettifer (S.K.S. Thorpe, doctoral supervisor)
- 2016 – Naomi E. Frankston (Alison Gruber, doctoral supervisor)

## 3. Dissertation Committee Member

- 1992 – 1996 Scott L. Kight, *Maternal Behavior in the Burrower Bug, *Sehirus cinctus* (Heteroptera: Cydnidae): Integrating Physiology, Ecology and Organism*. Indiana University
- 1994 – 1996 Mohamed Sahnouni, *Archaeological Investigations at the Lower Palaeolithic Site of Ain Hanech, Algeria, and Their Behavioral Implication*. Indiana University
- 1997 – 2001 Lorena M. Havill, *Osteon Remodeling: The Impact of Maternal Lineage and Interactions among Various Influential Factors*. Indiana University

- 1997 – 2003 Dietrich W. Stout, *Stone Tools and the Evolution of Human Thinking: Cultural, Biological and Archaeological Elements in an Anthropology of Human Origins*. Indiana University
- 2001 – 2007 Charles Egeland, *Zoarcheology and Taphonomic Perspectives on Hominid and Carnivore Interactions at Olduvai Gorge, Tanzania*. Indiana University
- 2006 – 2008 Alison French Doubleday, *LRP5 Polymorphisms and Bone Mineral Density in the Baboon (*Papio hamadryas anubis/cynocephalus*)*. Indiana University
- 1998 – 2010 Leslie Harlacker. *The Biomechanics of Stone Toolmaking: Kinematic and Kinetic Perspectives on Oldowan Lithic Technology*. Indiana University.
- 2007 – 2012 Lisa Becker. *Impact of Monthly Hormone Fluctuations on Female Mood, Self-esteem and Intrasexual Competition*. (Michael Muehlenbein, Chair) Indiana University
- 2007 – 2012 Laurah B. Turner. *Diet, Physical Activity and Breast Cancer Risk: An Integrative Science Cross-Populational Approach*. (Michael Muehlenbein, Chair) Indiana University
- 2007 – 2012 August Costa. *Uncovering the First South Asians: The Prehistoric Colonization of Coastal Western India*. (Jeanne Sept, Chair) Indiana University
- 2008 – 2014 Kelly J. Baute. *Coordinative Structures and Functional Synergies Underlying the Performance of a Functional Task While Sitting on an Unstable Base of Support*. (John Shea, Chair) Indiana University
- 2008 – 2017 Michael Smith. *Faunal Dynamics in Response to Quaternary Climate Cycling: A Physiographic Regional Approach* (David Polly, Chair) Indiana University

#### 4. Current Doctoral Dissertation Committee Member

Committee Member, Frankston, Naomi, In progress. (January 1, 2016 - Present). Diversity Indicator: No, Civic Engagement: No

Committee Member, Pettifer, David. (January 1, 2016 - Present). Diversity Indicator: No, Civic Engagement: No

Committee Member, Ascari, Sylvia, In progress. (January 1, 2015 - Present). Diversity Indicator: No, Civic Engagement: No

Committee Member, Ostrovsky, Kelly, In progress. (January 1, 2015 - Present). Diversity Indicator: No, Civic Engagement: No

Committee Member, White, Kurt, In progress. (January 1, 2012 - Present). Diversity Indicator: No, Civic Engagement: No

Committee Member, Nowak, Matthew, In progress. (January 2008 - Present). Diversity Indicator: No, Civic Engagement: No

#### 5. Masters Degrees Supervised

- 2000 – 2003 Cynthia Cordero

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2001 – 2008 Heather L. Hansen

### **Undergraduate Student Supervision**

#### **1. B.A. Honors Thesis Chair**

1991 – 1992 Evan A. Ronneau, *The Evolution of Human Bipedality*. Indiana University  
1999 – 2002 Jessica Ash, *An Exploratory Study of the Relationship Between Paleoclimatic Variation and Cranial Capacity Increases in the Genus Homo*. Indiana University  
2002 – 2003 Matthew Nowak, *Proximal and Subtalar Ankle Joint Complexes in the Hominoidea*. Indiana University

#### **2. B.A. Honors Thesis Committee Member**

1991 Richard S. Kassissieh, *The Homoplastic Human Face*. Harvard University  
1991 David S. Strait, *Comprehensive Dental Sexing of Australopithecus afarensis Fossils*. Harvard University  
1994 – 1995 Robin A. Moser, *Trauma in the Middle Woodland Period: Sex and status at*

#### **3. B.A. Individualized Major Program**

2008 – 2010 Individualized Major Program Adviser, Margaret Hirschauer, "Mammalian Social Behavior"

### **Student Awards**

2012 Sigma Xi Grant-in-Aid of Research, David R. Samson (\$699)  
2012 Indiana University College of Arts and Sciences Dissertation-Year Fellowship, David R. Samson (\$20,000)  
2011 Leakey Foundation Grant, "Positional Behavior in Pan paniscus at Lui Kotale, Democratic Republic of Congo," Gilbert Ramos (\$13,500)

### **Symposium Organized**

1995 "Evolution, History, and Biological Anthropology. A symposium in honor of C. Loring Brace" (with Lucia Allen Yaroch). Sixty-fourth annual meeting of the American Association of Physical Anthropologists.

### **Professional Societies**

1979 – Sigma Xi  
1981 – American Association of Physical Anthropologists  
1991 – International Primatological Society  
1992 – American Society of Primatologists  
1993 – American Association for the Advancement of Science  
1998 – American Association of University Professors

### **Service**

**1. Department**

1991 – 1993	Salary Committee (P. Girshick, Chair)
1991 – 1993	Equipment and Funding Committee (E. Moran, Chair)
1993 – 1995	Salary Committee (C. Greenhouse, Chair)
1994 – 1995	Long Range Planning Committee (K.D. Vitelli, Chair)
1994 – 1995	Executive Committee (G. Conrad, Chair)
1994 – 1999	Equipment and Funding Committee (Chair)
1995 – 1996	Undergraduate Affairs Committee (R. Meier, Chair)
1995 – 1999	Biological Anthropology Undergraduate Advisor
1996 – 1997	Graduate Awards Committee (R. DeMallie, Chair)
1996 – 1998	Undergraduate Affairs Committee
1998	Acting Graduate Advisor (Fall Semester only)
1999 – 2001	Undergraduate Affairs Committee (Chair)
1999 – 2001	Undergraduate Advisor
2000 – 2001	Curriculum Review Committee
2001 – 2003	Graduate Admissions & Awards Committee
1993 – 2003	Department Webmaster
2000 – 2004	Executive Committee
2002 – 2006	Steering Committee, Center for Integrative Study of Animal Behavior
1995 – present	Director, Human Origins and Primate Evolution Laboratory
2005 (Fall)	Acting Director of Graduate Studies
2005-2006	Chair, Graduate Affairs Committee
2006 (Fall)	Acting Chair, Department of Anthropology
2006	Chair, Search Committee, Global Health position (Michael Muehlenbein hired)
2006-2007	Chair, Graduate Admissions and Fellowships Committee
2006-2008	Chair, Human Biology Human Origins Concentration Curriculum Committee
2007-2008	Chair, Graduate Affairs Committee
2007-2008	Graduate Admissions & Awards Committee
2007-2008	Director of Graduate Studies
2007	Chair, Search Committee, Stone Age Institute Paleoneurology position (P. Thomas Schoenemann hired)
2008-2009	Chair, P.T. Schoenemann Tenure Committee
2008-2009	Interim Chair, Department of Anthropology

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2009-2010	Chair, Frederika Kaestle Tenure Committee
2009	Chair, Search Committee, Anthropology faculty member and Director of First Nations Education and Culture Center, (Brian Gilley hired)
2010	Chair, Brian Gilley Tenure Committee
2010	Committee Member, Shane Greene Tenure Committee
2011-2012	Chair, Michael P. Muehlenbein Tenure Committee
2009-2012	Director of Graduate Studies
2009-2012	Chair, Graduate Affairs Committee
2012	Chair, Luce Foundation Chinese Archaeology position (Ling Yu Hung hired)
2015 – 2016	Undergraduate Affairs
2016 – 2017	A.I. Review Committee, Graduate Affairs

## 2. College

2001 – 2006	College Policy Committee
2003 – 2004	College Policy Committee (Chair)
2009 – 2010	Chair, First Nations Educational and Cultural Center Director (Brian Gilley hired)

## 3. University

1994	Summer Faculty Fellowship Committee (A. Carmichael, Chair)
1996	Media Production's Instructional Media Development Grants Award Committee (R. Zuzolo, Chair)
1999	Exploring Majors Undergraduate Expo
2000	Judge, IU STARS Undergraduate Research Program
2000 – 2002	BFC External Relations Committee (Joe Miller, Chair)
2000 – 2002	BFC Foundation Relations Committee (Rex Stockton, Chair)
2000 – 2002	Bloomington Faculty Council ( <b>BFC</b> )
2002	Chancellor's Fellowship Award Selection Committee (Michael McGerr, Chair)
2002	Outstanding Junior Faculty Award Selection Committee (Matthew Christ, Chair)
2002 – 2003	BFC Faculty Affairs Committee (Ahijit Basu, Chair)
2002 – 2004	Sabbatical Leaves Committee (Susan Eklund, Geoff Conrad, Chairs)
2003	Chair of Dean of Faculties Office Campus Review Board, April 28
2003 – 2004	American Association of University Professor, Executive Committee
2003 – 2005	Bloomington Faculty Council
2003 – 2005	BFC Faculty Affairs Committee (Ted Miller, Chair)
2003 – 2005	UFC Faculty Affairs Committee (Ted Miller, Chair)
2003 – 2005	American Association of University Professors, Executive Committee



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2005 – 2007	BFC Agenda Committee
2007 – 2008	Co-Chair, BFC Faculty Affairs Committee (with Ted Miller, fellow co-chair)
2007 – 2008	BFC Faculty Affairs Committee (Lloyd Kolbe, Chair)
2007 – 2008	UFC Faculty Affairs Committee (Lloyd Kolbe, Chair)
2007 – 2008	BFC Agenda Committee
2007 – 2008	UFC Agenda Committee
2007 – 2008	BFC Budgetary Affairs Committee
2007 – 2008	General Education Committee
2005 – 2008	President, American Association of University Professors, Bloomington Chapter
2008	Glenn Black Laboratory of Archaeology, OVPR Review Committee
2008 – 2009	Search Committee, Vice President for Faculty and Academic Affairs
2009 – 2011	Graduate Faculty Council
2017 – 2011	Faculty Misconduct Review Committee

#### 4. National

2006	Adam Clark Arcadi Tenure Review (Cornell)
2009	Ulrich Reichard Tenure Review (Southern Illinois State)
2010	Daniel Schmitt Promotion Review (Duke)
2011	D. Jeffrey Meldrum Promotion Review (Idaho State)
2011	Shara Bailey Tenure Review (NYU)
2011	Susannah K Thorpe Promotion Review (Birmingham, UK)
2014	Frank L'Engle Williams Promotion Review (Georgia State)

#### 5. Other Service

1994	Organizing committee (K.D. Schick, N. Toth, co-chairs), Biannual Society of African Archaeologists Biannual National Meeting
1998	McNair Scholar Faculty Mentor (supervised Jessica F. Cantlon)
2004	McNair Scholar Faculty Mentor (supervised David Samson)
1999 – 2004	Treasurer, Sigma Xi, The Scientific Research Society, Bloomington Chapter
1992 – present	Sigma Xi membership committee
2007 – 2008	President, Sigma Xi, The Scientific Honor Society, Bloomington Chapter
2008 – 2009	Cox Scholar Mentor, Aaron Ryan
2011 –	Cox Scholar Mentor, Tyler Halliwell

#### 5. Professional Refereeing

Journal reviews	<i>American Anthropologist, American Journal of Primatology, American Journal of Physical Anthropology, American Museum of Natural History Novitates, Animal Behaviour, Current Anthropology, Evolutionary Anthropology, Folia</i>
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*Primatologica, Int. J. Primatol., Journal of Human Evolution, Paleoanthropology, Proceedings of the National Academy of Sciences, PLoS ONE, Science, and Yearbook of Physical Anthropology.*

Book manuscripts *Cambridge University Press, Harvard University Press, Norton, Prentice-Hall, Princeton University Press.*

Grant reviewing *LSB Leakey Foundation, MacArthur Foundation, National Science Foundation, Natural Environment Research Council, National Geographic Society, Wenner-Gren Foundation for Anthropological Research, Primate Conservation Incorporated.*

## 6. Editorship

2009 – Editorial Advisory Board, *Politics and Life Sciences*

## Media appearances

1993 BBC Horizons. "Some Liked It Hot." Discussed the evolutionary origin of human bipedalism.

2000 "Human ancestors" Discussion of chimpanzees and fossil hominids on children's public television show, "Friday Zone", WTIU Public Television Station, Bloomington, IN, April 21.

2010 "Dry Habitat Chimpanzees" *National Geographic*

## References

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