

## **Jill D. Pruetz, Ph.D. - Curriculum vitae**

Professor, Department of Anthropology

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### **DEGREES HELD**

- **1999** – Ph.D. – Anthropology, University of Illinois at Urbana-Champaign, Urbana, IL
- **1989** - B.A. Anthropology, B.A. Sociology, Texas State University, San Marcos, TX

### **PROFESSIONAL EXPERIENCE**

- Texas State University, Department of Anthropology, Professor, **2017-**
- Iowa State University, Department of Anthropology
  - Professor, Department of Anthropology, Iowa State University, **2011-2017**
    - Walvoord Professor of Liberal Arts & Sciences, **2011-2015**
  - Associate Professor, Department of Anthropology, Iowa State University, **2007-2011**
  - Assistant Professor, Department of Anthropology, Iowa State University, **2001-2006**
- Postdoctoral Research Scholar, Department of Zoology, Miami University, **1999-2000**
- Visiting Lecturer, University of Illinois at Urbana-Champaign, **1997**

### **PROFESSIONAL AFFILIATIONS**

- Affiliate Professor of Anthropology, Iowa State University, Ames, IA (**2017-2020**)
- Board Member, Ape Cognition & Conservation Initiative, Des Moines, IA (**2015-present**)
- Center for Global & Regional Environmental Research, University of Iowa (**2015-2017**)
- Scientific Advisory Board, Ape Cognition & Conservation Initiative, Des Moines, Iowa (**2014-2015**)
- Board Member, Chimp Haven National Chimpanzee Sanctuary (**2011-2014**)
- Board Member, Great Ape Trust of Iowa (**2011**)
- Faculty: Ecology & Evolutionary Biology Graduate Program, ISU (**2002-2017**)
- Adjunct Research Associate: Department of Zoology, Miami University (**2001-2008**)

### **HONORS AND AWARDS - SCHOLARSHIP**

- **2012**: Distinguished Alumni Award, Texas State University, San Marcos, TX
- **2011-2015**: Walvoord Professor of Liberal Arts & Sciences (LAS), Iowa State University
- **2009**: Iowa State University Presidential Lecture
- **2009**: Texas State University, College of Liberal Arts Distinguished Alumni Award
- **2008**: Iowa State University Alumni Association Impact Award
- **2008**: National Geographic Society Emerging Explorer
- **2007**: ISU College of LAS Dean's Distinguished Lecture

### **HONORS AND AWARDS - TEACHING**

- **2006**: Iowa State University, Margaret Ellen White Graduate Faculty Award
- **2004**: Iowa State University, College of Liberal Arts & Sciences Master Teacher Award
- **2006**: Iowa State University, Recognition by Greek Community as outstanding faculty member
- **2002, 2003(2)**: Students & Scholars Award, Recognized as 'Influential Person' by ISU student in top 2% of LAS College

### **HONOR SOCIETIES**

- Honorary Phi Beta Kappa member at ISU (awardees attended institutions without a chapter)
- Phi Kappa Phi Honor Society
- Sigma Xi Scientific Research Society
- Kappa Delta Pi Honor Society (Education)

- Alpha Kappa Delta Honor Society (Sociology)

## PUBLICATIONS

### Books

1. **J.D. Pruettz** (2009). Special Series: Primate Field Studies. Pearson-Prentice Hall publishers: *Socioecology of Vervet (Cercopithecus aethiops) and Patas Monkeys (Erythrocebus patas) in Kenya*.

### Peer-reviewed articles

#### In preparation for upcoming submission:

1. **JD Pruettz**, TC LaDuke, H Greene. Chimpanzees interact with deadly snakes at Fongoli, Senegal: Implications for the evolution of vision in primates. In prep for submission to *PLoS One*.
2. P.I. Ndiaye, K. Boyer-Ontl, J. Dupain, S. Lindshield, E. Wessling & **J.D. Pruettz**. Survey of chimpanzees outside of nationally protected areas in Senegal.

#### Under review or revision:

1. **JD Pruettz**. Is nocturnal behavior in chimpanzees at Fongoli, Senegal a form of behavioral thermoregulation? **Under review as part of a special issue to the *Amer J Phys Anthropol***
2. KM Boyer-Ontl, **JD Pruettz**. Mothers use caves more: Sex differences in chimpanzee (*Pan troglodytes verus*) cave use behavior. **Revised submission under review** for the *Journal of Human Evolution*.
3. Habituating open-habitat chimpanzees (*Pan troglodytes*) in the Issa valley, Tanzania and Fongoli, Senegal. A.K. Piel, C. Clement, S. Fulton, M. Gaspersic, F. Stewart, M. Waller, E. Wessling, & **J.D. Pruettz**. **In revision for resubmission to *Amer J Primatol***
4. EG Wessling, T Deschner, HS Kuhl, C Boesch, **JD Pruettz**. The costs of living at the edge: Seasonal stress in wild savanna-dwelling chimpanzees. **Under revision for resubmission to *Proceedings of the Royal Society B***.
5. PI Ndiaye, L Badji, S Lindshield, JD Pruettz. Nest-building behavior by Chimpanzees (*Pan troglodytes verus*) in the non-protected area of Diaguir (Kedougou, Senegal): Implication for their conservation. **Under revision for resubmission to *African Journal of Ecology***
6. L Badji, PI Ndiaye, C Toure, JD Pruettz. Savanna chimpanzee (*Pan troglodytes verus*) nesting ecology at Bagnomba (Kedougou, Senegal). **Under revision for *Primates***

#### Published or in press:

1. **(In press)** Primate archaeology evolves. Michael Haslam<sup>1\*</sup>, Adriana Hernandez-Aguilar<sup>2</sup>, Adrian Arroyo<sup>3</sup>, Tiago Falótico<sup>4</sup>, Dorothy Fragaszy<sup>5</sup>, Michael Gumer<sup>6</sup>, Michael Huffman<sup>7</sup>, William McGrew<sup>8</sup>, Eduardo Ottoni<sup>4</sup>, Alejandra Pascual-Garrido<sup>9</sup>, Alex Piel<sup>10</sup>, Tomos Proffitt<sup>1</sup>, Jill Pruettz<sup>13</sup>, Fiona Stewart<sup>11</sup>, Amanda Tan<sup>6</sup>, Elisabetta Visalberghi<sup>12</sup>, Lydia Luncz<sup>1</sup>. ***Nature Ecology and Evolution***.
2. **2017. JD Pruettz**, N Herzog. Chimpanzees at Fongoli, Senegal navigate a burned landscape. *Current Anthropology* invited symposium issue, 'Fire and the Genus *Homo*'. *Curr Anthr Suppl* 58
3. **2017. SM Lindshield, B Daniels, J Rothman, JD Pruettz**. Feeding in fear: Fongoli chimpanzees navigate a savanna landscape. *American Journal Physical Anthropology*.
4. **2017. JD Pruettz**, K Boyer, E Cleaveland, S Lindshield, J Marshack, E Wessling. First case of an inferred intracommunity lethal coalitionary attack in West African chimpanzees: Attack of a former alpha male at Fongoli, Senegal. *International Journal of Primatology*.
5. **2016. Hjalmar S. Kühl<sup>1,2</sup>, Ammie K. Kalan<sup>1</sup>, Mimi Arandjelovic<sup>1</sup>, Floris Aubert<sup>4</sup>, Annemarie Goedmakers<sup>3</sup>, Sorrel Jones<sup>1</sup>, Sebastien Regnaut<sup>4</sup>, Alexander Tickle<sup>1</sup>, Joost van Schijndel<sup>1,3</sup>, Samuel Angedakin<sup>1</sup>, Anthony Agbor<sup>1</sup>, Emmanuel Ayuk Ayimisin<sup>1</sup>, Emma Bailey<sup>1</sup>, Mattia Bessone<sup>1</sup>, Matthieu Bonnet<sup>5</sup>, Gregory Brazolla<sup>1</sup>, Valentine Ebua Buh<sup>1</sup>, Rebecca Chancellor<sup>6</sup>, Chloe Cipoletta<sup>7</sup>, Heather Cohen<sup>1</sup>, Katherine Corogenes<sup>1</sup>, Charlotte Coupland<sup>1</sup>, Theophile Desarmeaux<sup>1</sup>, Tobias Deschner<sup>1</sup>, Karsten Dierks<sup>1</sup>, Paula Dieguez<sup>1</sup>, Emmanuel Dilambaka<sup>7</sup>, Orume Diotoh<sup>8</sup>, Dervla Dowd<sup>1</sup>, Andrew Dunn<sup>7</sup>, Henk Eshius<sup>1</sup>, Rumen Fernandez<sup>1</sup>, Yisa Ginath<sup>1</sup>, John Hart<sup>9</sup>, Martijn Ter Heegde<sup>10</sup>, Thurston Cleveland Hicks<sup>1</sup>, Inaoyom Imong<sup>1,7</sup>, Kathryn Jeffery<sup>11</sup>, Jessica Junker<sup>1</sup>, Mohamed Kambi<sup>1</sup>, Laura Kehoe<sup>1</sup>, Ivonne Kienast<sup>1</sup>, Deo Kujirakwinja<sup>7</sup>, Kevin Langergraber<sup>12</sup>, Vincent Lapeyre<sup>4</sup>, Juan Lapuente<sup>1</sup>, Kevin Lee<sup>1</sup>, Vera Leinert<sup>1</sup>, Amelia Meier<sup>1</sup>, Giovanna Maretta<sup>1</sup>, Sergio Marrocoli<sup>1</sup>, Tanyi Julius Mbe<sup>1</sup>, David Morgan<sup>7</sup>, Bethan Morgan<sup>13</sup>, Felix Mulindahabi<sup>7</sup>, Mizuki Murai<sup>1</sup>, Emma Normand<sup>4</sup>, Lucy Jane Ormsby<sup>1</sup>, Alex Piel<sup>14</sup>, **Jill Pruettz<sup>15</sup>**, Crickette Sanz<sup>16</sup>, Volker Sommer<sup>17</sup>, Fiona Stewart<sup>14</sup>,**

- Nikki Tagg<sup>18</sup>, Hilde VanLeeuwe<sup>7</sup>, Virginie Vergnes<sup>4</sup>, Jacob Willie<sup>18</sup>, Roman Wittig<sup>1</sup>, Klaus Zuberbuehler<sup>19</sup>, Christophe Boesch<sup>1,4</sup> Chimpanzee stone throwing and accumulation: evidence for a phylogenetic origin of ritual sites. *Scientific Reports* doi:10.1038/srep22219.
6. **2015.** JD Pruetz. Uniquely Human? A Reply to Gintis et al., Zoon Politikon: The Evolutionary Origins of Human Political Systems. *Curr Anthr* 56: 17-18.
  7. **2015.** JD Pruetz, P Bertolani, K Boyer Ontl, S Lindshield, M Shelley, EG Wessling. New evidence on the tool-assisted hunting behavior of chimpanzees in a savanna habitat at Fongoli, Senegal. *Royal Society Open Science* 2:140507.
  8. **2014.** ML Wilson, C Boesch, IC Gilby, G Hohmann, N Itoh, E Lonsdorf, T Matsuzawa, JC Mitani, DC Mjungu, D Morgan, M Nakamura, L Pintea, **J Pruetz**, AE Pusey, V Reynolds, C Sanz, F White, DP Watts, K Zuberbuehler & RW Wrangham. Rates of lethal aggression in chimpanzees depend on the number of adult males rather than measures of human disturbance. *Nature* 513: 414-417.
  9. **2014.** WC McGrew, PJ Baldwin, LF Marchant, **JD Pruetz** & CEG Tutin. (2014) Chimpanzees (*Pan troglodytes verus*) and their Mammalian Sympatriates: Mt. Assirik, Niokolo-Koba National Park, Senegal. *Primates* 55: 525-532.
  10. **2014.** KM Boyer, **JD Pruetz**. Giving the Forest Eyes: Using camera traps to study unhabituated chimpanzees (*Pan troglodytes verus*) in southeastern Senegal. *Int J Primatology* 35: 881-894.
  11. **2013.** L. Gruen, A Fultz, **J. Pruetz**. Ethical Issues in African Great Ape Field Studies. *Intl J Lab Animal Research* 54: 24-32.
  12. **2013.** F. A. Stewart & **J.D. Pruetz**. Do chimpanzee nests serve an anti-predatory function? *Amer J Primatology*: 75: 593-604.
  13. **2012.** Bogart, S.B., **Pruetz, J.D.**, et al. & Hopkins, W. Laterality in termite fishing in savanna chimpanzees. *Amer J Phys Anthr*: 149: 591-598.
  14. **2012.** M.F Skinner & **J.D. Pruetz**. Circannual periodicity of repetitive linear enamel hypoplasia (rLEH) in dry-adapted chimpanzees (*Pan troglodytes verus*) from Fongoli, Senegal. *Amer J Phys Anthr* 149:468–482.
  15. **2012.** **J.D. Pruetz** & S. Lindshield. Food and tool sharing among savanna chimpanzees. *Primates* 53:133–145.
  16. **2011.** P Bertolani & **JD Pruetz**. Seed-reingestion in savanna chimpanzees at Fongoli, Senegal. *Int J Primatol* 32:1123–1132.
  17. **2011.** S. Bogart & **J.D. Pruetz**. Insectivory of savanna chimpanzees at Fongoli, Senegal. *American J Physical Anthropology*. 70: 605-612. DOI: 10.1002/ajpa.21452.
  18. **2011.** **J.D. Pruetz**. Targeted helping by a wild adolescent male chimpanzee: Evidence for empathy? *Journal of Ethology*. DOI: 10.1007/s10164-010-0244-yOnline First™.
  19. **2011.** M. Howells, **J.D. Pruetz**, & T. Gillespie. Patterns of gastrointestinal parasitism in sympatric chimpanzees and baboons at Fongoli, Senegal. *American J Primatology* 71: 173-179.
  20. **2010.** **J.D. Pruetz**, A. Socha, & D. Kante. New range record for the lesser spot-nosed guenon (*Cercopithecus petaurista*) in southeastern Senegal. *African Primates* 7: 64-66.
  21. **2010.** **J.D. Pruetz** & D. Kante. Successful return of an infant chimpanzee to its natal group after a poaching incident. *African Primates* 7: 35-41.
  22. **2010.** K Walkup, R Shumaker & **JD Pruetz**. Orangutans (*Pongo* spp.) may prefer tools with rigid properties to flimsy ones. *J Comparative Psych* 124: 351.
  23. **2010.** **J.D. Pruetz** & T.C. LaDuke. Reaction to fire by savanna chimpanzees: Conceptualization of fire behavior and the case for a chimpanzee model. *Amer J Phys Anthr* 141: 646-650.
  24. **2009.** **J.D. Pruetz** & P. Bertolani. Chimpanzee (*Pan troglodytes verus*) behavioral responses to stresses associated with living in a savanna-mosaic environment: Implications for hominin adaptations to open habitats. *Paleoanthropology* 2009: 252-262.
  25. **2008.** S. Bogart, **J.D. Pruetz**. Ecological context of termite fishing by savanna chimpanzees at Fongoli, Senegal. *Amer J Primatol* 70: 605-612.
  26. **2007.** **J.D. Pruetz**, S.J. Fulton, L.F. Marchant, W.C. McGrew, M. Schiel, & M. Waller. Arboreal nesting as predator adaptation in savanna chimpanzees. *Amer J Primatol* 70: 393-401.
  27. **2007.** F. Stewart, **J.D. Pruetz** & M.H. Hansell. Do chimpanzees build comfortable nests? *Amer J Primatol* 69: 1-10.
  28. **2007.** **J.D. Pruetz** & P. Bertolani. Savanna chimpanzees (*Pan troglodytes verus*) hunt with tools. *Current Biology* 17: 1-6.
  29. **2007.** **J.D. Pruetz**. Evidence of cave use by savanna chimpanzees (*Pan troglodytes verus*) at Fongoli, Senegal. *Primates* 48: 316-319.

30. **2006.** M. Sponheimer, J.E. Loudon, M.E. Howells, **J.D. Pruettz**, D. Codron, J. Codron, D. de Ruiter, & J.A. Lee-Thorp. Do Savanna Chimpanzees Consume C<sub>4</sub> resources? *J Hum Evol* 51: 128-133.
31. **2005.** W.C. McGrew, **J.D. Pruettz**, & B.J. Fulton. Chimpanzees use tools to harvest social insects at Fongoli, Senegal. *Folia Primatol* 76: 222-226.
32. **2004.** A.E. Ensminger, L.F. Marchant, W.C. McGrew, **J.D. Pruettz**, & L. Vigilant. Genotyping aids field study of unhabituated wild chimpanzees. *Amer J Primatol*: 63: 87-93.
33. **2003.** W.C. McGrew, P.J. Baldwin, L.F. Marchant, **J.D. Pruettz**, S.E. Scott, & C.E.G. Tutin Ethoarchaeology and elementary technology of unhabituated wild chimpanzees at Assirik, Senegal, West Africa. *Paleoanthropology* 1: 1-20.
34. **2002.** **J.D. Pruettz**, L.F. Marchant, J. Arno, & W.C. McGrew. Survey of savanna chimpanzees (*Pan troglodytes verus*) in southeastern Senegal. *Amer J Primatol* 58: 35-43.
35. **2000.** **J.D. Pruettz** & L.A. Isbell. Ecological correlates of competitive interactions in female vervets (*Cercopithecus aethiops*) and patas monkeys (*Erythrocebus patas*) in simple habitats. *Beh Ecol Sociobiol* 49: 38-47.
36. **1999:** L.A. Isbell, **J.D. Pruettz**, B.M. Nzuma, & T.P. Young. Comparing measures of travel distances in primates: methodological and socioecological implications. *Amer J Primatol* 48:87-98.
37. **1999:** L.A. Isbell, **J.D. Pruettz**, M. Lewis, & T.P. Young. Rank differences in ecological behavior: a comparative study of patas monkeys and vervets. *Internatl J Primatol* 20: 257-272.
38. **1998:** L.A. Isbell & **J.D. Pruettz**. Differences between patas monkeys (*Erythrocebus patas*) and vervet monkeys (*Cercopithecus aethiops*) in agonistic interactions between adult females. *Internatl J Primatol* 19: 837-855.
39. **1998:** L.A. Isbell, **J.D. Pruettz** & T.P. Young. Movements of vervets (*Cercopithecus aethiops*) and patas monkeys (*Erythrocebus patas*) as estimators of food resource size, density, and distribution. *Behav Ecol Sociobiol* 42:123-133.
40. **1998:** L.A. Isbell, **J.D. Pruettz**, T.P. Young & M. Lewis. Locomotory activity differences between sympatric patas monkeys (*Erythrocebus patas*) and vervet monkeys (*Cercopithecus aethiops*): Implications for evolution of long hindlimb length in *Homo*. *Amer J Phys Anthropol* 105:199-207.
41. **1996:** P.A. Garber, L. Moya, **J.D. Pruettz**, & C.Ique. Social and Seasonal Influences on Reproductive Biology in Male Moustached Tamarins (*Saguinus mystax*). *Amer J Primatol* 38:29-46.
42. **1995:** **J.D. Pruettz** & M.A. Bloomsmith. The Effect of Paternity on Interactions between Adult Male and Immature Chimpanzees in Captivity. *Folia Primatol* 65:174-180.
43. **1995:** P.A. Garber & **J.D. Pruettz**. Effect of Forest Structure on Positional Behavior in Moustached Tamarin Monkeys. *J Hum Evol* 28:411-426.
44. **1993:** P.A. Garber, F. Encarnacion, L. Moya, & **J.D. Pruettz**. Demographic and Reproductive Patterns in Moustached Tamarin Monkeys (*Saguinus mystax*): Implications for Reconstructing Platyrrhine Mating Systems. *Amer J Primatol* 29:235-254.
45. **1993:** P.A. Garber, **J.D. Pruettz**, & J. Isaacson. Patterns of Range Use, Range Defense, and Intergroup Spacing in Moustached Tamarin Monkeys (*Saguinus mystax*). *Primates* 34:11-25.
46. **1992:** **J.D. Pruettz** & M.A. Bloomsmith. Comparing Two Manipulable Objects as Enrichment for Captive Chimpanzees. *Animal Welfare* 1:127-137.

#### **Book chapters**

- **(in prep.) JD Pruettz**, S Bogart, S Lindshield. Chimpanzees at Fongoli, Senegal use tools and proto-tools to combat a harsh savanna habitat. In: Chimpanzees in Context: Proceedings from the Invited Symposium. Chicago University Press.
  - **(under editorial review following revision) JD Pruettz**, S Bogart, S Lindshield, K Walkup. Tool-assisted foraging in primates: a review. Invited submission to *Primate Foraging Strategies*, editors, JE Lambert and J Rothman. Chicago University Press. **Planned 2017 publication.**
  - **(submitted for review) J.D. Pruettz**, J. Danzy & R.W. Sussman. Terrestrial Cercopithecines: Patas monkeys (*Erythrocebus patas*) and vervets (*Chlorocebus aethiops*). In: *Primate Ecology and Social Structure*. Edited by R.W. Sussman (now deceased). Westview Press.
1. **2016:** Waller, M, **Pruettz, JD**. Competition Between Chimpanzees and Humans: The Effects of Harvesting Non-timber Forest Products. In: Waller M., editor, *Ethnoprimatology*, Springer Press.
  2. **2013:** **J.D. Pruettz**. Studying apes in a human landscape. In *Primate Ethnographies*, Ed., K. Strier, Pearson Publishers, pp. 228-237.

3. **2006: J.D. Pruettz.** Feeding ecology of savanna chimpanzees at Fongoli, Senegal. In *The Feeding Ecology of Great Apes and other Primates* (Cambridge Studies in Biological & Evolutionary Anthropology). C. Boesch, G. Hohmann, M. Robbins, eds., Cambridge Univ. Press.
4. **2003:** J. Carter, S. Ndiaye, **J.D. Pruettz**, and W.C. McGrew. Senegal. In: *Conservation International Report on the Conservation Status of the West African Chimpanzee, Pan troglodytes verus*. Eds., R. Kormos & C. Boesch.
5. **2001: J.D. Pruettz & W. C. McGrew.** What does a chimpanzee need? Using behavior to guide the care of captive populations. In: *The Care and Management of Captive Chimpanzees*, L. Brent, Ed., The American Society of Primatologists' Book Series Special Topics in Primatology.

#### **Juried articles (editorially reviewed)**

1. **2012: J.D. Pruettz**, R. Ballahira, W. Camara, S. Linshield, J.L. Marshack, A. Olson, M. Sadiakhou, U. Villalobos-Flores. Update on the Assirik Chimpanzee (*Pan troglodytes verus*) Population in Niokolo Koba National Park, Senegal. *PAN Africa News* 19: 8-11.
2. **2012:** M. Gaspersic & **J.D. Pruettz**. Chimpanzees in Bandafassi Arrondissement, southeastern Senegal: Field survey as basis for sustainable community-based conservation. *PAN Africa News* **18**.
3. **2009: J.D. Pruettz & J.L. Marshack.** Predation on patas monkeys by savanna chimpanzees at Fongoli, Senegal. *PAN Africa News* 16: 15-17.
4. **2008:** Bogart SL, **Pruettz JD**, Kante D. Fongoli Chimpanzee (*Pan troglodytes verus*) Eats Banded Mongoose (*Mungos mungo*). *PAN Africa News* 15: 15-17.
5. **2007:** P. Bertolani, C. Scholes, **J.D. Pruettz**, W.C. McGrew. Laterality in Termite-Fishing by Fongoli Chimpanzees: Preliminary Report. *PAN Africa News* 14: 1-3.
6. **2004:** J. Luckett, E. Danforth, K. Linsenhardt, and **J.D. Pruettz**. Planted trees as corridors for primates at El Zota Biological Field Station, Costa Rica. *Neotropical Primates* 12:143-146.
7. **2004:** M. Gaspersic & **J.D. Pruettz**. Predation on a monkey by savanna chimpanzees at Fongoli, Senegal. *PAN Africa News* 11: 8-10.
8. **2003: J.D. Pruettz & S. Johnson-Fulton.** Evidence for leaf-swallowing behavior by savanna chimpanzees in Senegal – a new site record. *PAN Africa News* 10: 14-16.
9. **2002: J.D. Pruettz & H.C. Leator.** Densities of primate species in forest fragments at La Suerte Biological Field Station, Costa Rica. *Neotropical Primates* 10(1): 4-9.
10. **2002: J.D. Pruettz.** Use of caves by savanna chimpanzees (*Pan troglodytes verus*) in the Tomboronkoto Region of southeastern Senegal. *PAN Africa News* 8: 26-28.
11. **2001:** L.F. Marchant, A. Ensminger, **J. Pruettz**, and William C. McGrew. Highly successful non-invasive collection of DNA from wild chimpanzees. *PAN Africa News* 7: 20-21.
12. **1999:** P.A. Garber, **J.D. Pruettz**, A. Lavallee, and S. Lavallee. A preliminary study of mantled howling monkey (*Alouatta palliata*) ecology and conservation on Isla de Ometepe, Nicaragua. *Neotropical Primates* 7:113-117.

#### **Published reviews**

1. **2013:** *Chimpanzees of the Lakeshore: Natural History and Culture at Mahale*. T. Nishida. Cambridge University Press. *Anthropological Science* 121: 85.
2. **2012:** *Among African Apes: Stories and Photos from the Field*. Robbins & Boesch, Eds., *American Journal of Physical Anthropology*: 150: 504.
3. **2012:** *Centralizing Fieldwork*. McClancy & Fuentes, Eds., *Amer J Physical Anthropology* 147: 679.
4. **2011:** *Why I am not a Scientist. Anthropology and Modern Knowledge* by Jonathon Marks. *American Anthropologist* 113: 523-524.
5. **2003:** *Eat or Be Eaten*, L. Miller, Ed. *Amer J Phys Anth.* 122: 188-189.
6. **2002:** *Chimpanzee and Red Colobus*. C. Stanford. *J. Anthropol Res* 58: 545-546.
7. **2001:** *Primate Communities*. J.G. Fleagle, C. Janson, K. Reed (Eds). *J Anthropol Res* 57:83-84.

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## **RESEARCH SUPPORT**

### **Grants & Awards**

1. **2017-2018:** Wenner-Gren Foundation for Anthropological Research. Why do chimpanzees at Fongoli, Senegal hunt with tools? Assessing prey availability with a focus on *Galago* prey. (\$17,196)

2. **2016-2017:** Leakey Foundation grant - Co-PI with Drs. Nicole Herzog & Kristen Hawkes, U of Utah: Fongoli chimpanzees' use of a burned landscape (\$16,500)
3. **2014-2015:** U.S. Fish & Wildlife Service 'Great Ape Conservation' grant - Complete survey of Senegal chimpanzees outside of protected areas: Anticipation of corporate mining development (\$42,298)
4. **2013:** National Geographic Society's Research Council grant - Chimpanzees: Nighttime activities, Cave behavior and hunting with tools (\$60,862)
5. **2012:** Wenner-Gren Foundation for Anthropological Research's 'Engaged Anthropology' grant (\$5,000)
6. **2010-2015:** Walvoord Professorship of Liberal Arts & Sciences, College of LAS, ISU – (\$250,000)
7. **2010-2011:** National Geographic Society's Committee for Research & Exploration grant: Social cohesion, social relationships & sharing behavior among savanna chimpanzees (\$20,000)
8. **2010:** Faculty Professional Development Assignment, College of Liberal Arts & Sciences, Iowa State University (Competitive within LAS College): 1 semester paid leave for conducting research on chimpanzee social behavior at Fongoli, Senegal
9. **2010:** Iowa State University, College of Liberal Arts and Sciences, Computer Advisory Committee grant: Distance education from Senegal (\$24,767)
10. **2010:** LAS Center for Distance Online Learning: Launching Primate Behavior from the field (\$6000)
11. **2010-2011:** USAID-Senegal - Chimpanzee conservation in Senegal: The human element (\$45,000).
12. **2009:** Wenner-Gren Foundation for Anthropological Research: Food and tool sharing among savanna chimpanzees at Fongoli, Senegal: Male mating strategy? (\$24,500).
13. **2008:** National Geographic Society: Chimpanzees in a Savanna Mosaic, Fongoli, Senegal (\$19,400).
14. **2007:** ISU College of LAS Computer Advisory Committee grant: "Meta" testing a model for distance learning from international venues: Bringing anthropological fieldwork to the student (\$21,000).
15. **2007-2008:** Great Ape Trust of Iowa: Fongoli Savanna Chimpanzee Project, Senegal (\$71,000).
16. **2006-2007:** Leakey Foundation: Ranging ecology of chimpanzees at Fongoli, Senegal (\$20,000).
17. **2006:** Faculty Professional Development Assignment, College of LAS, ISU (Competitive within LAS College): To complete habituation of Fongoli chimpanzee community & initiate systematic study of chimpanzee individual, daily and seasonal ranging behavior (1 semester paid leave).
18. **2004-2005:** National Geographic Society: Feeding and ranging ecology of savanna chimpanzees at Fongoli, Senegal (\$19,895).
19. **2003-2004:** U.S. Fish and Wildlife Society Great Ape Conservation Grant: 'Competition for Natural Resources between Chimpanzees and Humans in Senegal' (\$13,900).
20. **2002:** Iowa State University Institute for Science and Society grant: 'Scrambling for a Common Resource: Humans, Chimpanzees and *Saba senegalensis* in southeastern Senegal. (\$6,000).
21. **2002:** Iowa State University, Liberal Arts & Sciences Faculty Development Grant: 'Competition between humans and chimpanzees in Senegal, West Africa' (\$16,995).
22. **2002-2003:** Iowa State University Liberal Arts & Sciences Faculty Development Grant: Savanna Chimpanzee Ecology in a Humanized Landscape (\$16,000).
23. **2001:** National Geographic Society's Committee for Research and Exploration Grant: 'Savanna chimpanzees: Coexistence with Humans in Southeastern Senegal' (\$13,055).
24. **2001:** National Science Foundation 'High Risk' grant: 'Exploring Savanna Chimpanzee Ecology and Prospects for Long-term Research in Senegal' (\$16,846).
25. **1999:** National Geographic Society's Committee for Research and Exploration Grant: 'Savanna chimpanzee behavior and ecology at Mt. Assirik, Senegal' (\$7,000).

**Small grants (<\$5,000) or for travel to professional meetings (14)**

1. **2016:** Iowa State University, College of Liberal Arts & Sciences Small Grant Award (\$713) for equipment for *Galago* prey study at Fongoli, Senegal
2. **2014:** Iowa State University, College of Liberal Arts & Sciences Small Grant Award (\$700) for symposium on resource extraction at ISU
3. **2013:** Iowa State University, College of Liberal Arts & Sciences Small Grant Award (\$700)
4. **2007:** Council for International Programs grant, ISU - "Meta" testing a model for distance learning infusion from international venues: Bringing anthropological fieldwork to the student (\$4780)
5. **2007:** CELT TEACH grant for assistance in introducing Distance Education opportunities to the Department of Anthropology (\$1,000)

6. **2006:** American Society of Primatologists Conservation Grant: Local regulation of wild fruit harvest by humans and changes in political stability in Senegal: Reduced competition with chimpanzees (*Pan troglodytes verus*) over a keystone fruit (*Saba senegalensis*)? (\$1500).
  7. **2006:** Iowa State University Foreign Travel Grant
  8. **2006:** Study of Aggression and Violence Small Grant, Iowa State University: Demonic Males? How valid is a Sociobiological Model of Human Aggression? (\$4,375).
  9. **2005:** Iowa State University, College of Liberal Arts & Sciences Small Grant Award (\$636)
  10. **2005:** Iowa State University, College of Liberal Arts & Sciences Small Grant Award (\$750)
  11. **2004:** Primate Conservation Inc: 'Chimpanzee and Human Conflict at Baniomba, Senegal' (\$1,500).
  12. **2002:** Iowa State University Foreign Travel Grant
  13. **1999:** Primate Conservation Inc: 'Savanna chimpanzee density and distribution at Mont Assirik, Senegal' (\$2,500).
  14. **1998:** American Society of Primatologists Conservation Grant: 'Forest Characteristics and Spider Monkey Densities in Forest Fragments at La Suerte Biological Field Station, Costa Rica' (\$500).
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## TEACHING

### Courses taught at Iowa State University:

- Primate Behavior (online) (Anthr 350/550)
- Skeletal Biology (Anthr 319/519)
- Forensic Anthropology (Anthr 424/524)
- Biological Anthropology (Anthr 307)
- Introduction to Biological Anthropology and Archaeology (Anthr 202)
- Biological Anthropology Graduate Seminar (Anthr 503)
- Primate Evolutionary Ecology & Behavior (Anthr 438/538)
- Topics in Biological Anthropology (Anthr 482/582)
  - Paleoanthropology
  - Primate Conservation
- Primate Behavioral Ecology in Costa Rica, Study Abroad Course (Anthr 445/545)
- Ecology & Evolutionary Biology field course for graduate students (Costa Rica) (EEB 585)

### Other teaching experience:

- **2001:** Instructor. Course: Primate Conservation and Behavioral Ecology. Estacion Biologica Del Zota, Costa Rica, Central America.
  - **2001:** Instructor. Course: Primate Behavior and Ecology. Estacion Biologica Bocas del Toros, Panama, Central America.
  - **2000:** Instructor. Course: Intermediate Level Primate Behavior and Ecology. Ometepe Biological Field School, Isla de Ometepe, Nicaragua, Central America.
  - **1997:** Visiting Lecturer. Course: The Natural History and Social Behavior of the Great Apes. Department of Anthropology, University of Illinois at Urbana-Champaign.
  - **1997:** Instructor (Third and Fourth Sessions), Primate Behavior and Ecology, La Suerte Biological Field Station, Costa Rica, Central America.
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## MENTORING

### Texas State University –

Major professor – Master's degree in Anthropology

#### Degree in progress:

Caroline Melia  
Kayleigh Reighes

## **Iowa State University -**

Major professor - Master's degree in Anthropology

### **Degree completed:**

1. **2004:** Alexander Piel: Scarce resources & savanna chimpanzee party size in Senegal.
2. **2004:** Kristina Walkup: Comparative primate behavior under different zoological conditions: Species-specific behavior in Japanese macaques.
3. **2005:** Michel Waller: Competition between humans & chimpanzees over *Saba* in Senegal.
4. **2005:** Stephanie Bogart: Insectivory, termite diversity, and tool use of the Fongoli chimpanzees, Senegal, West Africa. *Received Research Excellence Award from ISU.*
5. **2006:** Andrea Socha: Nesting ecology & habitat use by chimpanzees at Fongoli, Senegal.
6. **2006:** Michaela Howells: Disease transmission between humans & chimpanzees at Fongoli, Senegal.
7. **2006:** Stacy Lindshield: Neotropical primate densities in an anthropogenic landscape at El Zota Biological Field Station, Costa Rica.
8. **2007:** Michelle Rodrigues: Development and ontogeny in free-ranging black-handed spider monkeys at El Zota Biological Field Station, Costa Rica.
9. **2007:** Margie Robinson: Social relationships in adult male savanna chimpanzees at Fongoli, Senegal.
10. **2007:** Caisie Pitman: Ontogeny of mothering in captive great apes in different rearing conditions.
11. **2008:** Jackie Davenport: Post-conflict reconciliation in captive Western Lowland Gorillas.
12. **2008:** Itai Roffman. Symbolic representation in art by captive bonobos at Great Ape Trust.
13. **2009:** Katie Klag: Functional referents in the vocalizations of captive bonobos at Great Ape Trust.
14. **2009:** Christine Tourkakis: Bipedalism in savanna chimpanzees at Fongoli, Senegal.
15. **2009:** Melissa Senf: Interspecies interactions in primates at El Zota Field Station, Costa Rica.
16. **2009:** Lindsay Ingram: Golden-headed lion tamarin acclimation to the Blank Park Zoo, Des Moines.
17. **2009:** Elizabeth White: Differential decomposition of child-sized pig remains during Iowan winter.
18. **2011:** Kelly Boyer: Density and distribution of chimpanzees in anticipation of a mining project.
19. **2011:** Erin Wessling: Dominance, grouping and male ranging behavior in Fongoli chimpanzees.
20. **2012:** Taylor Shire: Captivity's effects on the behavior of ring-tailed lemurs.
21. **2012:** Daniel Musgrave: Bonobo gestural communication at the Great Ape Trust of Iowa.
22. **2013:** Maggie Brandenburg: Laterality in chimpanzees at Chimfunshi Sanctuary, Zambia.
23. **2013:** Jenny Campbell. Capuchin monkey responses to tourism in Cahuita, Costa Rica.
24. **2016:** Allison Lovett. Captive gorilla wellbeing in light of visitor effects at the St. Louis Zoo.
25. **2016:** Nicole Wackerly, Posture in locomotion in *Ateles geoffroyi* including observations of a one-armed individual at the El Zota Biological Field Station, Costa Rica.
26. **2016:** Andrea Rabinowitz, Communication in captive bonobos at the Ape Cognition & Conservation Institute, Des Moines, Iowa.
27. **2017.** Giselle Narvaez, Human-monkey conflicts in Costa Rica: Differences in crop-raiding behavior by three Neotropical primate species at Gandoka National Park.

### **Service on Master's Committees or Co-advising in Anthropology at ISU:**

1. **2010:** Hillary Powell, Archaeology and Ethnoarchaeology of the Oneota. MA.
2. **2017:** Kurt Wilson, Archaeology of Peccary Cave, Arkansas fauna. M.A.
3. William Aguado, Savanna chimpanzee seed dispersal of an economically important fruit at Fongoli, Senegal.
4. Kaelyn Dobson, Emperor Tamarin responses to predators: playback experiments in Peru.
5. Kristine Micheletti, Conflict between great apes and humans in southeastern Senegal: Artisanal mining.
6. Moriah Morgan, Traditional and modern healthcare in Djendji, Senegal (co-advisor with Christina Gish-Hill)
7. Samantha Salter, Development and healthcare in rural, southeastern Senegal (Co-advisor with Nell Gabiam)

## **Major Professor - Ph.D. Program in Ecology and Evolutionary Biology at ISU -**

### **Degree completed:**

1. **2009:** Kristina Walkup: Cause and effect comprehension during tool tasks in orangutans.
2. **2009:** Stephanie Bogart: The ecology of insectivory in savanna chimpanzees at Fongoli, Senegal.
3. **2012:** Janni Pedersen: Captive bonobo cognition at the Great Ape Trust of Iowa.
4. **2014:** Stacy Lindshield: Savanna chimpanzees' predator sensitive foraging at Fongoli, Senegal.
5. **2017:** Kelly Boyer, Fongoli, Senegal chimpanzee ranging behavior in light of increased mining pressures.

### **Degree in progress:**

6. (anticipated 2017 graduation) Karri Folks (co-advisor), Primate sleep patterns.



7. Andrea Rabinowitz (co-advisor). Fongoli, Senegal savanna chimpanzee gestural communication (2016-).
8. Nicole Wackerly (co-advisor). Fongoli, Senegal savanna chimpanzee locomotory behavior (2017-).

#### **Service on Master's & Doctoral Committees outside of Anthropology at ISU:**

1. **2003:** Paige Knutsen, Dept. Sustainable Agriculture, MA, ISU: Threatened existence: *Saba senegalensis* in southeastern Senegal.
2. **2004:** Kim Linsenhardt, Dept. Anthropology, Purdue University, MA: Neotropical primate ranging behavior: Mantled Howling monkeys at El Zota Biological Field Station, Costa Rica.
3. **2007:** Nicole Tinfo, Animal Science, Ph.D., ISU: Reproductive physiology: ovarian function in rats & cow.
4. **2007:** Adam Richard, Dept. Anthropology, Texas State University, Forensic analyses of burned and crushed bones, M.S.
5. **2008:** Maja Gaspersic, Institutum Studiorum Humanitatis, Ljubljana Graduate School of the Humanities, Ph.D. Slovenia: Evolution of Percussive Technology: Baobab cracking in chimpanzees at Fongoli, Senegal.
6. **2015:** Larson Boundeng, Ph.D., *Plasmodium* prevalence in Gabonese primates. Universite Cheikh Anta Diop, Dakar, Senegal.
7. **2014-present:** Landing Badji, Chimpanzees at the Mako, Senegal site: Population assessment in anticipation of a large-scale gold mining project. Universite Cheikh Anta Diop, Dakar, Senegal.

#### **Graduate Field Research supervised/hosted at Fongoli study site, Senegal**

1. **2003:** Paige Knutsen, M.A., Iowa State University, USA
2. **2008:** Maja Gaspersic, Ph.D., University of Lubjiliana, Slovenia
3. **2012:** Fiona Stewart, Ph.D., Cambridge University, England
4. **2012:** Julie Lesnik, Ph.D., University of Michigan, USA
5. **2012:** Trisha Dewitt M.S., University of Indianapolis, USA
6. **2014:** Landing Badji M.S., Universite Cheikh Anta Diop, Dakar, Senegal
7. **2016:** Joshua Marshack Ph.D., Washington University at St. Louis, USA
8. Erin Wessling, PhD candidate, Max Planck Institute, Germany (2013-14 on site)

#### **Postdoctoral Mentoring**

1. Dr. Maja Gaspersic, University of Ljubljana, Slovenia. Wula Nafaa (USAID) sponsored project to resolve conflicts between humans & chimpanzees at Bandafassi, Senegal, **March 2010 – Sept. 2011**.
2. Dr. Nicole Herzog, University of Utah, USA. Chimpanzees in a burned landscape. Grant support by the Leakey Foundation. Research scheduled to begin **November 2016**.

#### **Graduate student research supervised at Fongoli study site, Senegal (or Kedougou region)**

1. **2002:** Kerri Clavette, Department of Anthropology, University Northern Arizona, Primates' Role in Folklore.
2. **2016:** Kathleen LaDuke, Cornell University Veterinary School, Potential Transmission of Parasites between Chimpanzees and other Animals at Fongoli, Senegal.
3. **2016:** Moriah Morgan, Department of Anthropology, Iowa State University.
4. **2017:** Samantha Salter, Department of World Languages and Cultures, Iowa State University

#### **Undergraduate Field research supervised**

1. **1999:** Matthew Peachey, Howard Hughes Scholar, Miami Univ.: Primate Census in Costa Rica.
2. **1999:** Heather Leasor, Rebecca Andrews Award, Miami Univ.: Primate Census, Costa Rica.
3. **2000:** Janae Arno, Rebecca Andrews Award, Miami Univ.: Chimpanzee census in Senegal.
4. **2006:** Kari Orstom, University of California: Chimpanzee laterality in Fongoli, Senegal.
5. **2015:** Rebecca Chamberlain, ISU College of Agriculture: Sustainable agricultural in Senegal

#### **Undergraduate Honors Projects (ISU)**

1. Melissa Gold, Anthropology: Discriminant function: assessing sex from metacarpals and metatarsals.
2. Elizabeth Danforth, Anthropology: Western medicinal practices in Tanzanian Maasai culture.
3. Nicole Edmond, Biology: Assessment of the validity of current anthropological models in determining the ancestral background, age, and sex of unknown skeletons.
4. Katie Klag, Natural Resource Ecology Management (NREM): Study of predator-prey influences on behavior: Adjacent housed tigers and gibbons at the Blank Park Zoo, Des Moines.

5. Shivgami Aurora, Biology: Validation of sex determination using proximal femur for Pakistani and European-American populations.
6. Erin Wessling, NREM: Seed dispersal by howling monkeys at El Zota Field Station, Costa Rica.

**Undergraduate or Graduate Student Independent Research Projects (ISU)**

1. Stephanie Wellen: Age, sex, & pathology of skeleton donated to ISU (F '02).
2. Elizabeth Danforth: manuscript prep: Primates' use of corridors in Costa Rica (F '02).
3. Renee Rapp: Inventory of Human Osteological Collection ISU Anthropology (F '02).
4. Shanna Zilisch: Simulated Forensic Case Study (SP '03).
5. Doug Porter: Examination of decomposition rates of adult male chimpanzee (SP SS '03).
6. JoAnn Harbaugh: Social behavior in Japanese macaques at Blank Park Zoo (SP SS '03).
7. Bethanne McBurney: Examination of decomposition in a chimpanzee (SS '03).
8. Kelley Walley: Simulated Forensic Case Study (SS '03).
9. Michelle Crawford: Castration effects on male macaques at Blank Park Zoo (SS F '03).
10. Justin Clark: Human skeletal anatomy (F '03).
11. Nicole Garrett: Determining ape subspecies using gorilla & chimpanzee skeletons (F '03).
12. Natalie Uhl Fleming: Forensic case study of an aged male chimpanzee (F '03).
13. Natalie Uhl Fleming: Pathologies in ISU Anthropology skeletal collection (S'04).
14. Emily Zentner: Taphonomic study of decomposition during winter in Iowa (S'04).
15. Lee Ann Smith: Data analyses of primate census data (F'04).
16. Elizabeth Carlson: Taphonomic study of decomposition rates in Iowa (F'04, S'05, F'05).
17. Elizabeth White: Taphonomic study of decomposition rates in Iowa (F'04, S'05, F'05).
18. Antonia Gallo: Taphonomic study of decomposition rates in pigs (S'05, F'05).
19. Anna Olson: Howling monkey auditory communication in Costa Rica (S'10).
20. Cody Duncan: Primate social behavior (S'11); New World monkey communication (SS'11)
21. Amanda Shrank: Male macaque behavior: castrated males at BPZ (SS'11)
22. Claudette Sandoval-Green: Landscape changes at Fongoli with increased mining activity (GIS certification project) (F'13).
23. Elizabeth Cleaveland: Data summary & analysis of lethal aggression in Fongoli chimpanzees (F'14)
24. Sara Pier: Sex differences in nesting behavior of chimpanzees at Fongoli, Senegal (S'15)
25. Hannah Thomas: Evaluating different enrichment devices for captive gibbons (*Hylobates lar*) at the Blank Park Zoo, Des Moines. (S'16)

**Undergraduate Research Assistant Mentor (Fongoli Savanna Chimpanzee Project data)**

Molly Schiel (2002-2004)	Michelle Peterson (2004)
Scott Miller (2004-05)	Miranda Cox (2006-2007)
Erin Wessling (2007-2008)	Allison Coutts (2008-2009)
Aubrie James (2009-2010)	Laura Minschk (2009-2011)
Nick Youds (2010-2011)	Anna Olson (2010-2011)
Zulsiramar Hyuk (2011)	Sarah Moore (2011-2012)
Nicole Laurito (2014)	Nautalia Black (2014-2015)
Lace Logan (2014-2015)	Angela Langston (2014)
Chelsey Ungar (2014)	Frances Taylor-Ramos (2015)
Taylor Gutierrez (2015)	Ethan Schreiber (2015-2017)
Daniel Dalbas (2016-2017)	Miranda Robertson (2016-2017)
Hayley Carr (2016-2017)	Brittany Roy (2017)

**Graduate Research Assistant Mentor (Fongoli Savanna Chimpanzee Project data)**

Katie Klag (2008-09)	Kristina Walkup (2009)
Janni Pedersen (2010-11)	Erin Wessling (2011)
Stacy Lindshield (2011)	Taylor Shire (2011)
Jenny Campbell (2012)	Kelly Boyer (2012)
Stacy Lindshield (2012 [2])	Stacy Lindshield (2013)
Karri Folks (2014, 2016)	Andrea Rabinowitz (2016)
Giselle Narvaez (2017)	

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## SCHOLARSHIP - LECTURES

### Invited Workshops/Symposia

1. **2016:** Chimpanzees in Context (meets once per decade), Chicago, IL
2. **2016:** Great Ape Nocturnal Behavior symposium at the International Society of Primatologists & American Society of Primatologists biannual meeting, Chicago, IL
3. **2016:** Primate Archaeology Symposium, Oxford University, England
4. **2015:** Wenner-Gren Foundation symposium on 'Fire and Genus *Homo*', Portugal
5. **2015:** Education and Community Engagement in Biological Anthropology symposium at the American Association of Physical Anthropologists, St. Louis, MO
6. **2013:** The Future of Biological Anthropology symposium at the annual meeting of the American Association of Physical Anthropologists, Knoxville, TN
7. **2012:** The Female in Human Evolution, Leakey Foundation & California Academy of Sciences Symposium, San Francisco, CA. (Session chair & Discussant).
8. **2012:** Camera traps as a Methodological Tool in Primatology, International Society of Primatology biannual meeting, Cancun, Mexico
9. **2010:** Landscapes for Tool Use Symposium, International Society of Primatology biannual meeting, Japan, September 2010 (two presentations). D. Fragaszy, organizer, Yerkes Regional Primate Center.
10. **2009:** American Anthropological Association Annual Meeting, Symposium on the influence of the University of Illinois' 50-year history on Anthropology. Philadelphia, PA.
11. **2008:** National Geographic Society's Explorers Symposium, Washington, D.C.
12. **2007:** Chimpanzee Cultures 2 Project working group meeting, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany
13. **2007:** Primate Interest Group Meeting, Discussant: Ethnoprimateology Roundtable, American Association of Physical Anthropologists Conference
14. **2007:** Energetic Studies in Hominin Evolution symposium, Paleoanthropology Society meeting, Penn Museum, University of Pennsylvania, Philadelphia, P.A.
15. **2004:** Great Ape Feeding Ecology Symposium, Sponsored by Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany. Organizers, C. Boesch, M. Robbins, & G. Hohmann.
16. **2003:** Chimpanzee Culture 2 Workshop, Sponsored by Max Planck Institute, Leipzig, Germany.
17. **2002:** Regional Workshop for the Conservation of the West African Chimpanzee, sponsored by Center for Applied Biodiversity Science & West Africa Program at Conservation International, Primate Specialist Group (SSC/IUCN), Conservation Breeding Specialist Groups, Chimpanzee Rehabilitation Project, & UNEP's Great Apes Survival Project, Abidjan, Ivory Coast, West Africa.

### Invited Lectures/Symposia (outside of Iowa State University)

1. **2017:** March for Science 'Teach-In', Des Moines, IA – April 2017
2. **2017:** Green Hills Retirement Community, Ames, IA – February 2017
3. **2016:** Southern California Primate Symposium – Keynote speaker, Fulerton College, CA
4. **2016:** Des Moines Area Community College – Science Series symposium, Keynote Speaker
5. **2016:** Stephens College, MO – National Geographic/Cengage Learning STEM event
6. **2016:** Blank Park Zoo, Conservation Series
7. **2015:** Interviews for online anthropology classes
  - a. Dr. Kathryn Clancy, University of Illinois, Champaign-Urbana, IL
  - b. Dr. Brandi Wren, Purdue University, Indiana
8. **2015:** Science Center of Iowa, Keynote speaker
9. **2015:** Indiana University, Keynote Speaker, Paleoanthropological Institute
10. **2015:** Eastern Illinois University, Darwin Day Keynote Speaker
11. **2015:** Field Museum of Chicago, Armour Research Seminar Series speaker
12. **2014:** Notre Dame University, Institute for Advanced Study, "Invisible Aspects of Human Evolution" panel symposium, hosted by Templeton Fellow, Dr. Jon Marks
13. **2014:** Imagine Solutions conference: National Geographic Society panel on 'The Future of Exploration', Naples, FL
14. **2014:** Science Center of Iowa's 'Café Scientifique', Des Moines, IA

15. **2012:** National Geographic Society's 'Explorers & Nobel Laureates Conversations' series
16. **2012:** University of Illinois at Urbana-Champaign, Department of Anthropology
17. **2011:** National Center for Science Education's Teacher's Convention, Symposium on Human Evolution. Anaheim, CA
18. **2011:** Michael E. Keeling Center, Bastrop, Texas (primate center)
19. **2011:** University of Wisconsin, Madison, Departments of Anthropology, Genetics; Keynote Speaker - Darwin Day Celebration
20. **2011:** University of Iowa, Department of Anthropology Spring Colloquium.
21. **2011:** Houston Zoological Society, Houston, TX
22. **2011:** Wesleyan College, Women's Studies, Philosophy departments, Symposium 'Primate Encounters', hosted by Dr. Lori Gruen
23. **2009:** American Association of Lab Animal Science, Ames, IA. 48<sup>th</sup> Annual Fall Meeting (Iowa branch), Keynote speaker
24. **2009:** Leakey Foundation, Rice University, Houston Museum of Natural Sciences, Human Origins Speaker Series & Rice University Glasscock School of Humanities Continuing Studies Program
25. **2009:** Iowa Academy of Sciences, Keynote speaker
26. **2008:** Linnaean Society, American Museum of Natural History, New York
27. **2008:** National Geographic Live! Emerging Explorers Salon, Washington, D.C.
28. **2008:** ISU Alumni Association, Washington Area Alumni Chapter, Washington, D.C.
29. **2008:** University Indianapolis, Anthropology & Indiana Prehistory Laboratory, Blanche E. Penrod Speaker Series in Anthropology
30. **2008:** Lawrence University (Wisconsin), Department of Anthropology's Public Lecture Series
31. **2007:** Texas State University College of Liberal Arts Alumni Series Lecture
32. **2007:** Blank Park Zoo, Des Moines, IA, Invited Speaker
33. **2005, 2003:** University of Northern Iowa, Dr. Tyler O'Brien's Primatology course
34. **2004:** Science Center of Iowa, Des Moines, Iowa
35. **2003:** University of Texas at Austin, Department of Anthropology
36. **2001:** Evolutionary Neighbors, Support for African & Asian Great Apes, 4<sup>th</sup> Annual International Symposium, Hayashibara Group, Okayama, Japan
37. **1997:** Southern Illinois University at Edwardsville, IL. Department of Anthropology
38. **1995:** University of Texas M.D. Anderson Cancer Center, Dept. Veterinary Resources, Bastrop, TX

#### **Invited Lectures/Symposia – Iowa State University**

1. **2017:** Sigma Xi President's Lecture, Annual Banquet (April)
2. **2017:** Celebrating Science lightning talks hour, hosted by Sigma Xi & Vice Provost for Research
3. **2017:** Biology Club, Iowa State University (February)
4. **2017:** Natural Resources & Ecology Management student club (January)
5. **2016:** Grad-Fac Symposium, Department of World Languages & Cultures
6. **2015:** Honors class lecture, HON 150 (1<sup>st</sup> year Honors class, 'Explore the Exotic')
7. **2015:** ISU Retiree's lecture series speaker, ISU Alumni Center
8. **2014:** Ecology, Evolution, & Organismal Biology (EEOB) Fall seminar series speaker
9. **2013:** Osher Lifetime Learning Institute, ISU Alumni Association, Extreme Travels Series
10. **2013:** Ecology & Evolutionary Biology Spring Symposium
11. **2013:** ISU Vet Club & ISU Wildlife Club invited lecturer
12. **2011:** Phi Kappa Psi fraternity dinner guest & speaker
13. **2011:** Pre-Veterinarian Club
14. **2009, 2011:** Beta Beta Beta, Biology Honor Society
15. **2009:** Atheists & Agnostic Society's Darwin Celebration, Lecture & panel discussion
16. **2009:** OLLI/College for Seniors, ISU Alumni Center, 'Animal and Human Interaction' Series
17. **2008:** GREBE (Graduate students in Ecology and Evolutionary Biology) brown bag series
18. **2008:** Symposium 'Recent Advances in Human & Nonhuman Aggression Study', Center for Study of Violence
19. **2007:** Natural Resource Ecology and Management (NREM) orientation course, November 2007
20. **2007:** Alpha Kappa Delta, Sociology Honor Society Initiation Ceremony, Keynote Speaker, 2007
21. **2005:** Graduate Seminar in Forensic Sciences course, Chemistry 699: Forensic Anthropology
22. **2004, 2005:** Microbiology Club High School Open House, Forensic Anthropology workshop
23. **2004:** Lecture - History of Human Evolution, Dr. Wilson's "History of Science" course

24. **2003:** ISU College for Seniors Lecture: Human & Wildlife Competition & Conflict in Africa
25. **2002:** Grad-Fac Seminar Series, Department of Anthropology, Iowa State University

**Abstracts of presentations given at professional conferences (last 5 years, n=65 total)**

1. **2017:** Etude préliminaire sur la distribution du Chimpanzé de l'Afrique de l'ouest, *Pan troglodytes verus* (Schwarz, 1934), dans la zone non protégée de Diaguiri (Kédougou, Sénégal) : Implication pour sa conservation. Ndiaye Papa Ibnou, Badji Landing, Lindshield Stacy Marie, Bâ Cheikh Tidiane, **Pruetz Jill**
2. **2016:** S. Lindshield, J. Rothman, B. Daniels, J.D. Pruetz. Micronutrients in savanna chimpanzee foods at Fongoli, Senegal. Joint congress of the International Primatological Society and the American Society of Primatologists, Chicago, IL.
3. **2016:** Wessling, E.G. & Pruetz, J.D. Comparative cortisol levels between chimpanzees in the Tai Forest, Ivory Coast and Fongoli, Senegal. Chimpanzees in Context conference, Chicago, IL.
4. **2016:** Boyer-Ontl, K & Pruetz, JD. Fongoli chimpanzees interactions with humans. American Association of Physical Anthropologists annual conference, Atlanta, Georgia.
5. **2015:** Folks, K & Pruetz JD. Evening and Nighttime Behavior of Infant Japanese Macaques at The Blank Park Zoo. Midwest Primate Interest Group Meetings in St. Louis, Missouri.
6. **2015:** Wessling, EW & Pruetz, JD. Cortisol levels in wild chimpanzees in a savanna habitat at Fongoli, Senegal. Presented at the European Federation of Primatologists meeting.
7. **2015:** Lindshield, Daniels, and Pruetz. Feeding in fear: chimpanzees & baobab at Fongoli, Senegal. Presented at American Association of Physical Anthropologists meeting St. Louis, MO.
8. **2015:** Wilson M, Mitani J, & Pruetz. Wounding patterns in East & West African chimpanzees. Presented at American Association of Physical Anthropologists meeting St. Louis, MO.
9. **2015:** Pruetz, J.D. Engaging Anthropology. Presentation in an invited symposium at the annual American Association of Physical Anthropologists meeting in St. Louis, Missouri.
10. **2014:** Lindshield, S., Rothman, J., & Pruetz, J.D. Macronutrient trade-offs in baobab (*Adansonia digitata*) fruit for western chimpanzees at Fongoli, Senegal. Presented at the annual meeting of the American Society of Primatologists conference, Atlanta, GA.
11. **2014:** M. Gaspersic, J. Harris, S. Lindshield, J.D. Pruetz & S. Strum. Chimpanzee and baboon adaptations to arid environments: implications for hominin evolution. Presented at the International Primatological Society meetings, Vietnam.
12. **2014:** K.M. Boyer & J.D. Pruetz. Sex differences in cave use by chimpanzees at Faleme, Senegal. Presented at the International Primatological Society meetings, Vietnam.
13. **2014:** A. Meguerditchian, M. Pouvier, J.D. Pruetz & W. Hopkins. From hand to mouth: Fine precision grip during mutual grooming elicited wide lip movements in wild Fongoli chimpanzees. Presented at the Evolution of Language conference, France.
14. **2013:** K.M. Boyer, J.D. Pruetz. Chimpanzees at Faleme, Senegal exhibit sex differences in cave use. Presented at the Midwest Primate Interest Group meetings in Ames, IA.
15. **2013:** J.D. Pruetz, S. Lindshield. Active females and tolerant males: Fongoli chimpanzee hunting and meat sharing challenge the paradigm of man-the-provider. Iowa State University Anthropology symposium.
16. **2013:** J.D. Pruetz. Anthropological primatology: What field primatologists can contribute to the field. Presented in an invited symposium on 'The Future of Biological Anthropology' at the annual meeting of the American Association of Physical Anthropologists, Knoxville, TN.
17. **2013:** J.D. Pruetz & S. Lindshield. Meat-sharing by savanna chimpanzees at Fongoli, Senegal. Presented at the American Association of Physical Anthropologists meeting, Knoxville, TN.
18. **2012:** J.D. Pruetz. Camera trap night vision provides behavioral data on savanna chimpanzees. Presented at the bi-annual meeting of the International Primatological Society in an invited symposium. Cancun, Mexico.
19. **2012:** ML Wilson, C Boesch, IC Gilby, G Hohmann, N Itoh, E Lonsdorf, T Matsuzawa, JC Mitani, DC Mjungu, D Morgan, M Nakamura, L Pintea, **J Pruetz**, AE Pusey, V Reynolds, C Sanz, F White, DP Watts, K Zuberbuhler & RW Wrangham. Rates of lethal aggression in chimpanzees depend on the number of adult males rather than measures of human disturbance. Presented at the American Society of Physical Anthropologists meeting, Portland, Oregon.

## RESEARCH EXPERIENCE

### Principal Investigator

1. **2001 – present.** Principal Investigator: Fongoli Savanna Chimpanzee Project. Project funded by National Science Foundation, National Geographic Society (6), Leakey Foundation (2), Wenner-Gren Foundation for Anthropological Research, Great Ape Trust of Iowa, Iowa State University Faculty Development Grant (2), ISU Institute for Science and Society, US Fish & Wildlife Great Ape Conservation Fund, Primate Conservation Inc., Walvoord Professorship in LAS at ISU
  - On site: Apr-June 2001, Dec 2001-Jan 2002, May-Jul 2002, Dec 2002-Jan 2003, May-Aug 2003, Dec 2003-Jan 2004, May-July 2004, Dec 2004-Jan 2005, May-Aug 2005; Jan-Apr 2006, May-Aug 2006, Dec 2006-Jan 2007, June-Aug 2007; Jan-Mar 2008, May-Aug 2008, Dec 2008-Jan 2009, May-Aug 2009, Jan-Apr, May-Aug, Sept-Dec 2010, May-Aug 2011; Jan-March 2012, June-Oct 2012; Feb-March 2013, May-Aug 2013, Dec 2013-Jan 2014, May-July 2014; February, May-Aug, Oct-Nov 2015; May-July, November 2016, May-July 2017.
2. **2000** (Feb-April) Principal Investigator, National Geographic Society's 'Savanna Chimpanzee Behavior and Ecology at Mt. Assirik, Senegal. Co-P.I. (with William C. McGrew), Primate Conservation Inc., 'Savanna Chimpanzee Density and Distribution at Mt. Assirik, Senegal'.
3. **1999** (May-August): Principal Investigator, American Society of Primatologists Conservation Grant: 'Forest characteristics and primate densities in forest fragments at La Suerte Biological Field Station', Costa Rica.

### Other field experience

4. **1995:** Research Assistant, Institute of Zoology, Zoological Society of London, Grevy's Zebra Survey in Northern Kenya, Principal Investigator, Dr. Joshua Ginsberg.
5. **1995:** Research Assistant, Institute of Zoology, Zoological Society of London, Grevy's Zebra Research Project, Principal Investigator, Stuart Williams. Kenya, East Africa.
6. **1993-1995:** Graduate Research Assistant and Project Manager, National Science Foundation's Laikipia Cercopithecoid Research Project - Rutgers University, Principal Investigator, Dr. Lynne Isbell. Mpala Research Centre, Laikipia, Kenya, East Africa.
7. **1990:** Graduate Research Assistant and Project Manager, National Geographic Society's "Kinship, Social Cooperation, and Reproductive Strategies in Moustached Tamarin Monkeys" Expedition - University of Illinois, Principal Investigator, Dr. Paul Garber. Peru, South America.
8. **1988:** Belize Archeological Project, Late Classic Period Mayan Site, Southwest Texas State University. Principal Investigator, Dr. Jim Garber. Belize, Central America.

### Laboratory and Other Research Experience

- Michael E. Keeling Center, University of Texas M.D. Anderson Science Park, Department of Veterinary Resources, Chimpanzee Behavioral Division, Bastrop, Texas. Dr. Mollie Bloomsith, Advisor
  - Pre-Doctoral Fellow, August 1996-August 1997
  - Pre-Master's Fellow, 1991-1992
  - Research Assistant, June 1989-June 1990
- January-July 1996. Research Assistant, Analysis of Human Osteological Remains, North American Graves Protection and Repatriation Act, Department of Anthropology, University Illinois, Urbana, IL.

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## EXTENSION/PROFESSIONAL PRACTICE

### Professional Societies

American Anthropological Association  
American Association of Physical Anthropologists  
American Society of Primatologists  
International Society of Primatologists  
Paleoanthropological Society

### Service to the Profession

- Hosted the 2013 Midwest Primate Interest Group annual conference, co-sponsor Department of Anthropology, Iowa State University, October 18-19, 2013, Ames, IA.

### Reviews

- **2015:** *Learning from Animals: From Research to Animal Welfare*, J. Gluck. For Chicago Univ. Press.
- **2011:** *Animal Tool Behavior* (chapter review of chimpanzee tool use). Beck, Shumaker & Walkup, editors. Johns Hopkins Press.
- **2009:** *Orangutan Behavioral Ecology* (chapter review), S. Wich, Editor.
- **2005:** Proposal for publication of monograph for Primate Field Studies series (for Prentice Hall Publishers), C. Sanz – Behavioral Ecology of the Chimpanzees in the Goulougou Triangle.
- **2004:** *Biological Anthropology* (2 chapters on primates) by C. Stanford (for Prentice Hall publishers).
- **2003:** *Reproductive Strategies in Baboons: Behavioral, Ecological, & Life History Perspectives*: (chapter review).
- **2002:** *Anthropology* 10<sup>th</sup> Edition by Ember, Ember & Peregrine (for Prentice Hall publishers) (2002).

### Journal Referee

- *African Primates* – 2013, 2014, 2016
- *American Anthropologist* – 2012, 2013
- *Animals* - 2012
- *Animal Behaviour* – 2003, 2014
- *Animal Cognition* - 2013
- *American Journal of Physical Anthropology* – 2002, 2005, 2007 (2), 2008 (2), 2014
- *American Journal of Primatology* - 2002, 2004, 2005, 2007, 2008 (3), 2009, 2010, 2011, 2012 (2), 2015, 2017
- *Anatomy Research International* – 2013
- *Behavioral Ecology and Sociobiology* – 2001, 2010, 2012, 2017
- *Behaviour* - 2012
- *Current Anthropology* – 2008, 2013, 2015
- *Current Biology* – 2007, 2008
- *Early Scientist Research* - 2016
- *Evolutionary Anthropology* – 2015, 2016
- *Folia Primatologica* – 2012 (2)
- *International Journal of Primatology* – 2005, 2008, 2009, 2010, 2011
- *International Journal of Comparative Psychology* - 2016
- *Journal of Integrative Zoology* – 2010
- *Journal of Human Evolution* – 2008, 2009, 2012, 2013, 2015, 2016, 2017
- *Journal of Threatened Taxa* – 2012, 2013
- *Oikos* – 2007
- *PLoS (Public Library of Science) One (biology)* – 2010, 2011, 2016
- *Primates* – 2010, 2013, 2016
- *Proceedings of the Royal Society B (biology)* – 2010, 2011, 2015
- *Science Reports* – 2016, 2017
- *South African Journal of Archaeology* - 2013

### Grant Proposal Referee

- Wenner-Gren Foundation for Anthropological Research – 2017
- Center for Research on Environment, University of Iowa - 2017
- Leakey Foundation – 2014, 2015
- National Science Foundation (Biological Anthropology) – 2000, 2001, 2002, 2003, 2005,
  - CAREER Award - 2012
- National Geographic Society – 2004, 2010, 2015
- National Institutes of Health – 2004
- Primate Conservation Inc. – 2012

### **Other Review**

- Reviewer for abstracts of symposia submissions & subsequent individual presentations to the Annual Meetings of the American Society of Physical Anthropologists
  - 2012, 2013, 2014, 2015, 2016
- Search committee for Editor, *American Journal of Physical Anthropology* (2013)
- Phi Kappa Phi membership committee, Iowa State University (2017)

### **Professional development**

- Karen Piconi's grant writing workshop, Fall 2004, with aid from Vice Provost's Office.

### **International Committees**

- Section on Great Apes of the IUCN/SSC Primate Specialist Group
  - 2008-present

### **Promotion & Tenure outside reference**

- The Ohio University, Department of Anthropology, (2014)
- George Washington University (2016)

### **Community outreach/service (presentations)**

- **2014:** Science Bound (Iowa State) program for minority middle & high school students: Forensic anthropology.
- **2011:** Meeker Elementary School, Ames, IA.
- **2011:** Ames Rotary Clubs (2), Ames, IA.
- **2011:** Phi Kappa Psi guest, Ames, IA.
- **2011:** Ames Kiwanis Club Spring Lecture, Ames, IA.
- **2010:** Northminster Church, Ames, Science & Faith group, The Evolution of Empathy.
- **2007:** Westminster Presbyterian Church, Des Moines, Lecture on my research.
- **2006:** Interview with KASI (radio) regarding ISU and Great Ape Trust collaboration.
- **2005:** Forensic consultant to Rick Rahn of State of Iowa, Dept. of Criminal Investigation: osteological remains associated with homicide case in eastern Iowa.
- **2003:** Forensic consultant to Dr. Dennis F. Klein, Deputy Chief State Medical Examiner: human osteological material and associated items found in Clay County, IA.
- **2003:** "Studying Wild Chimpanzees", Lecture to freshman class, Marshalltown High School.
- **2002, 2003:** Job shadowing (Ames area high school students).
- **2002:** ISU future scholars lecture series – (for talented junior high students): Primatology.
- **2002:** Channel 5 TV interview: "What is a forensic anthropologist?"

### **Consultant**

- **2009:** National Geographic Magazine article on Goulougo, Congo chimpanzees
  - **2008-2009:** National Geographic Television documentary on Fongoli chimpanzees (paid)
  - National Geographic Expeditions Expert (paid), lecturer & guide on East African tours
    - **2009, 2010:** Tanzania Safaris (2 trips)
    - **2009:** Rwanda & Tanzania Safaris
    - **2015:** 'Great Apes of Uganda & Rwanda'
    - **2016:** 'Great Apes of Uganda & Rwanda' (3 trips)
    - **2017:** 'Great Apes of Uganda & Rwanda' (2 trips)
  - **2013-2015:** Earth Systems Environmental Consultants, Australia, Expert on environmental impact of proposed Toro Gold (U.K.) mining project in Mako, Senegal
  - **2016-present:** Board member, Biodiversity Panel, Toro Gold (U.K.) mining project in Mako, Senegal
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## INSTITUTIONAL SERVICE

### Iowa State University committees

- **2010-2013:** Director of Graduate Education, Anthropology
  - **2015-2016:** Mentor of Junior Faculty member
  - Promotion & Tenure Committee, Anthropology
    - Committee Chair
      - **2008:** M.G. Hill, P & T
      - **2010:** M. Viatori, 3<sup>rd</sup> year review
      - **2010:** C. Moutsatsos, Anthropology & Women's Studies, 3<sup>rd</sup> year review
      - **2011:** J. Dusselier, Anthropology & Asian-American Studies, 3<sup>rd</sup> year review
      - **2011:** G. Arndt, Anthropology & American Indian Studies, 3<sup>rd</sup> year review
      - **2011:** M. Viatori, P & T
      - **2013:** J. Dusselier, Anthropology & Asian-American Studies
      - **2016:** M. Hill, Anthropology, Post-tenure review
      - **2016:** N. Gabiam, Anthropology & Political Science, P & T
    - Committee Member
      - **2014:** C. Gish-Hill, Anthropology & American Indian Studies, 3<sup>rd</sup> year review
      - **2014:** N. Gabiam, Anthropology & Political Science, 3<sup>rd</sup> year review
      - **2014:** G. Arndt, Anthropology & American Indian Studies, P & T
      - **2015:** C. Gish-Hill, Anthropology & American Indian Studies, 3<sup>rd</sup> year review
      - **2017:** C. Gish-Hill, 5<sup>th</sup> year review (WLC)
      - **2017:** program committee annual review of Lecturers (WLC)
      - **2017:** Haywood-Ferriera, post-tenure review (WLC)
      - **2017:** C. Gish-Hill, P & T (WLC)
  - Iowa State University Faculty Senate **2005-2009**
  - ISU College of Liberal Arts & Sciences (LAS) Faculty Development Committee **2003-2006, 2011**
  - ISU LAS Study Abroad committee **2001, 2002-2008**
  - ISU Anthropology Department Curriculum committee chair **2002-2007**
  - Sigma Xi Scientific Research Society, ISU chapter
    - Nominating Committee, **2003-2004**
    - Membership Committee, **2004-2006**
    - Executive Committee, **2014-2016**
    - President, **2016-2017**
  - ISU Ecology and Evolutionary Biology (EEB) Interdepartmental Graduate Program
    - Supervisory Committee: **2003-04; 2008-09**
  - Anthropology Department Liaison – Student Disabilities Services **2003-2006**
  - Faculty sponsor of student groups:
    - Tir Asleen Society, **2002-2009**; ISU Archery club, **2006-2012**; Lorax (Save the Rainforest) Group, **2011-14**
- Other tenure committees (outside ISU)**
- **2012:** The Ohio University, Department of Anthropology & Sociology
  - **2016:** The George Washington University, Department of Anthropology, Center for the Advanced Study of Human Paleobiology
  - **2017:** Arizona State University
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## MEDIA/POPULAR RECOGNITION

### Documentaries

1. *Ape Genius* documentary, co-produced by Nova and the National Geographic Channel. **Aired on PBS 2008.** Features my work at Fongoli as well as studies of captive chimpanzee cognition.

2. *Chimps: Next of Kin*, National Geographic Television documentary focused on my research with the Fongoli chimpanzees, **aired April 2010**, National Geographic Channel. (Included as “extra” on National Geographic DVD of special “Kingdom of the Apes” **2014**: 2-part documentary in honor of Jane Goodall’s 80<sup>th</sup> birthday).
3. BBC’s *How to Grow a Planet* series, *Grasslands* episode features my research on the Fongoli savanna chimpanzees as well as other subjects. **Aired in the U.K. March 2012**.
4. BBC’s *Life Story* series, **aired in U.K. in October 2014, in Canada in January 2015 & in U.S.A. in 2015**; features Fongoli chimpanzees in one (“Power”) of the 1-hour documentaries in this 6-part series and introduces them in another (“Home”). David Attenborough, narrator.
5. Arte Television, France/Germany documentary featuring Fongoli chimpanzees in ‘*Savanna Chimpanzees*’ documentary, filmed 2013. **Aired in France, Germany in 2014**.
6. Nova/PBS/BBC Natural History Unit documentary 5-part series ‘*Spy in the Wild*’ (filmed 2014) in collaboration with John Downer Productions. **Aired in February 2017 in U.S. (January 2017 in U.K.)**.
7. BBC Natural History Unit documentary, *Dynasty* series filming 2015-2016, started filming in June 2015, with **air date scheduled for 2018**.

#### Television Appearances

1. The Today Show (2008), interview about the *Ape Genius* documentary
2. Inside Edition (2008), interview about the *Ape Genius* documentary
3. National Geographic’s *Star Talk* guest scientist, with Dr. Neil deGrasse Tyson (2017)

#### General recognition or coverage profiling my research:

1. **2008**: Recognized by the U.S. House of Representatives by the Honorable Tom Latham, Member of Congress, 4<sup>th</sup> District of Iowa
2. **2008**: Recognized by the American Anthropologist Association in Member Spotlight
3. **2008**: State of Florida’s web-based educational program for public schools
4. **2008, 2010, 2013**: National Geographic Society Weekend Radio Program
5. **2009**: National Geographic Society’s geographers’ educational website
6. **2010**: National Geographic Society’s program for international education – textbooks for children in English that feature scientists and their work
7. **2010**: Smithsonian Institution’s Human Origins display (opened in March) showcases a tool used by Fongoli chimpanzee for hunting. Accompanying book published by National Geographic Society & Smithsonian Institution. <http://www.news.iastate.edu/news/2009/dec/Smithsonian>
8. **2010**: *Des Moines Register* Earth Day blog Biographical Sketch (April), Biographical feature (May)
9. **2011**: National Public Radio (NPR) “Talk of the Nation” program, live at National Geographic Society Headquarters, Washington, D.C.. Discussed “Exploration in the 21<sup>st</sup> Century”, along with undersea explorer Bob Ballard and National Geographic photographer Mike “Nick” Nichols
10. **2013**: Featured in *American Scientist* magazine (publication of Sigma Xi Scientific Honor Society). November issue, ‘Getting to know your fellow members’ section
11. **2013**: National Geographic Society sponsored textbook (Cengage Learning) on statistics using examples from my research
12. **2014**: *Facets* magazine, monthly publication of the *Ames Tribune*, Biographical feature.
13. **2014**: Iowa Public Radio interview, Talk of Iowa.
14. **2015**: Iowa Public Radio interview, Talk of Iowa.
15. **2016**: Great Morning TV program interview on KCWI 23, Des Moines.
16. **2016**: Iowa Public Radio Interview, Talk of Iowa.
17. **2016**: Hill Views magazine, Texas State University, article.
18. **2016**: *Science News* presentation by Rowan Hooper (Editor) in London & accompanying video clip featuring Fongoli chimpanzee hunting behavior on *Science News* YouTube Channel
19. **2017**: Iowa Public Radio, Talk of Iowa. Interview on *Spy in the Wild* Nova series and published manuscript in *International Journal of Primatology* on lethal intragroup aggression.
20. **2017**: My research on chimpanzees and fire included in an online news article on the origins of fire use in the human lineage, on the Wenner-Gren Foundation’s SAPIENS blog site. (article by Sandgathe & Dibble)
  - a. Story run in *The Atlantic*
21. **2017**: My research on empathy in chimpanzees mentioned in online news article at Sputnik News entitled, ‘I can be your hero, Baby’: Six-month-olds prefer good guys to villains ([sputniknews.com/art\\_living](http://sputniknews.com/art_living)).

### Research Articles covered:

- 2007: Pruettz, JD & Bertolani, P.** *Savanna chimpanzees hunt with tools.* *Curr Biol* 17: 1-6.  
Journal, science magazine or popular magazine or book articles (selected):
  - Smith, L. (2007). *Why the Lion Grew its Mane: A Miscellany of Recent Scientific Discoveries from Astronomy to Zoology.* Papadakis Publishers (U.K.).
  - Gibbons, A. 2007. Spear-wielding chimps seen hunting bush babies. *Science* 315.
  - Hooper, R. 2007. Savannah chimps get armed and dangerous. *New Scientist* 3.
  - *The Week*, 3/16/2007 (p. 22). Chimps who hunt with spears.
  - Powell, E.A. May/June 2007. Planet of the Stone Age Apes. *Archaeology*.
  - *Wired* magazine's top 100 discoveries of 2007  
Newspaper articles (selected):
    - *The New York Times*, 4/17/2007. Science Times: "Almost Human & Sometimes Smarter."
    - *The Washington Post*, 2/22/2007 – "Chimps observed making their own Weapons".
    - *USA Today*, 2/22/2007 – "Spears are latest discovery in chimps' toolbox".
    - *Parade* magazine, 6/2007 – "How intelligent are animals?"
  - International print news (selected) – France, Czech Republic, South Africa, Switzerland, Germany, *The Japan Times*, *The Times* (London), *The Scotsman* (Scotland), *The Guardian* (U.K.)
  - News websites (selected) – *Nature* (news@nature.com), Des Moines Register, National Geographic Society, National Public Radio's Science Friday (2/23/07) and Weekend Edition (2/24/07), The Signal, Burlington Free Press, ESPN.com, Great Ape Trust of Iowa, BBC News, NewScientist.com, FOXNews.com, abcNEWS, Discovery Channel, MSNBC.com, Austin American-Statesman.com;
  - Radio interviews: Talk of Iowa, U Iowa NPR, BBC, NPR New York, CBC, National Geographic Weekend
- 2007: JD Pruettz.** Evidence of cave use by savanna chimpanzees at Fongoli, Senegal: Implications for thermoregulatory behavior. *Primates* 48: 316-319.
  - National Geographic Society website
  - *New Scientist* magazine
- 2010: JD Pruettz & TC LaDuke.** Reaction to fire by savanna chimpanzees at Fongoli, Senegal: Conceptualization of 'fire behavior' and the case for a chimpanzee model. *American Journal of Physical Anthropology* 141: 646-650.
  - National Geographic Weekend Radio, December 12, 2009
  - Print & Online news (selected): ISU media services, Des Moines Register, Daily Mail (U.K.), Independent (U.K.), New Zealand Herald, Globe and Mail, Science magazine online news, Discover magazine online, Science News, MSNBC.com, PhysOrg.com, Softpedia, DuniyaLive.com, News.Cyol.net (China), Milenio.com (Mexico), Terra.com (Brazil), n-tv.de (Germany), OSEL (Czech Republic), Futurra-Environnement (France), Tele13.Canal13 (Chile), Futurity.org, Europa press (Spain), Zimbabwe Star, Gaea Times, Thaindian.com, India Business Blog, io9, Newpost online, Newstrack (India), Daily News & Analysis, Wissenschaft Online, Rianovosti (Russian), <http://www.news.iastate.edu/news/2009/dec/wildfires>; <http://www.physorg.com/news180285365.html>, <http://futurity.org/earth-environment/like-humans-wild-chimps-get-fire/>
- 2010: J.D. Pruettz & D. Kante.** Return of an infant chimpanzee to her natal community following capture by poachers. *African Primates*
  - National Geographic News Blog, National Geographic Weekend radio, National Geographic *Kids* magazine (April 2010), Des Moines Register, KCCI news interview, Des Moines
- 2011: Bogart, S & Pruettz, J.D.** Insectivory of savanna chimpanzees at Fongoli, Senegal. *American Journal of Physical Anthropology* - National Geographic Weekend radio
- 2012: Pruettz, JD, Lindshield, S.** Plant food & tool transfer in savanna chimpanzees at Fongoli, Senegal. *Primates*
  - *New Scientist* magazine, 10 December 2011: Evolution of friendship – What chimps tell us about the social whirl. By Rowan Hooper.
  - Selected websites: Science News, U.S. News & World Report, Daily Mail
  - National Geographic Weekend Radio, December 16, 2011
- 2014: ML Wilson, C Boesch, IC Gilby, G Hohmann, N Itoh, E Lonsdorf, T Matsuzawa, JC Mitani, DC Mjungu, D Morgan, M Nakamura, L Pintea, J Pruettz, AE Pusey, V Reynolds, C Sanz, F White, DP Watts, K**

Zuberbuhler and RW Wrangham. Rates of lethal aggression in chimpanzees depend on the number of adult males rather than measures of human disturbance. *Nature*

- Iowa Public Radio interview, River to River, September 2014.
  - Multiple news services covered this paper, including BBC news, Science Daily, *Science*, Voice of America, Yahoo news, Live Science, Fox News, New York Times
  - BBC radio interview, participant on the program, *The Origins of Warfare* (June 2015)
8. **2015: Pruetz, JD** et al., New evidence on the tool-assisted hunting by savanna chimpanzees at Fongoli, Senegal. *Royal Society Open Science*
- Over 40 news outlets, including *The New York Times*, *New Scientist*
  - Iowa Public Radio interview, April 2015
  - Featured in *New Scientist* article (9/9/2015) on how ape behavior can inform studies of human evolution. Also included discussion of our Pruetz & LaDuke (2010) article on Fongoli chimpanzees' understanding of fire behavior.
9. **2016:** Hjalmar S. Kühl, Ammie K. Kalan...**J.D. Pruetz**...& Christophe Boesch. Chimpanzee stone throwing and accumulation: evidence for a phylogenetic origin of ritual sites. *Scientific Reports* doi:10.1038/srep22219
- Interviewed in *New Scientist* article, interviewed for NPR blog by Barbara King
10. **2017:** Pruetz JD et al., 'Lethal Intragroup Aggression in West African Chimpanzees'. *Int J Primatology*
- Interviewed for National Geographic Society online news article, ISU media news story, *New Scientist* online news story, *Washington Post* news story
  - Story picked up by over 40 online news outlets, including USA Today, IFLS, Wired, ScienceAlert, Yahoo News, Futurity, Daily Star, NY Post, Mirror, The Independent, Newser, Seeker, Mashable, Net India, RT, The Sun, International Business
  - Included on blogs such as anthropologyworks.com, Science blog

#### **Respondent:**

1. *New Scientist* articles
  - **2007:** On *Current Biology* report of chimpanzees scoring higher than university students on memory and numerical tests
  - **2010:** On Jane Goodall & 50-year anniversary of research at Gombe
  - **2010:** On *Current Biology* article on lethal aggression in East African chimpanzees
  - **2011:** On *Journal of Human Evolution* article on chimpanzee nest architecture
2. National Geographic Society website
  - **2008:** On *PNAS* article on savanna chimpanzees in Tanzania using tools to dig roots
  - **2008:** On *Current Biology* article on chimpanzee decline in Ivory Coast
  - **2010:** On *Current Biology* article on chimpanzees expanding their territory following lethal intergroup aggression
3. **2010:** *Science* journal news article, 'In the Shadow of Jane Goodall'.
4. **2012:** *Australian Times* newspaper article on study published in *PLoS* regarding individual differences in intelligence among chimpanzees
5. **2012:** *Science News* article on report on terrestrial nesting in Guinea chimpanzees and implications for human evolution
6. **2013:** BBC news story on empathy in primates and other animals
7. **2016:** *Science* journal news story on sex discrimination in anthropology by Michael Balter