

## CHERYL D. KNOTT

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### POSITIONS/APPOINTMENTS

*Present* Associate Professor, Department of Anthropology, Boston University

Secondary Appointment. Women's, Gender and Sexuality Studies Program, Boston University

Director, Gunung Palung Orangutan Project. Cabang Panti Research Station, Gunung Palung National Park, Indonesia.

Director, Gunung Palung Orangutan Conservation Project/Yayasan Palung, West Kalimantan, Indonesia

National Geographic Emerging Explorer

Research Associate, Harvard University, Department of Anthropology

Research Associate, San Diego Museum of Man

Scientific Advisory Board Member, Balikpapan Orangutan Society

Scientific Advisory Board Member, Orangutan Conservancy

Scientific Advisory Board Member, The Nacey Maggioncalda Foundation

Great Ape Advisory Panel of the IUCN-SSC Primate Specialist Group

Board Member, Papoose Foundation

*2004-2008* Associate Professor, Department of Anthropology, Harvard University

*1999-2004* Assistant Professor, Department of Anthropology, Harvard University

### EDUCATION

*1999* Ph.D., Department of Anthropology, Harvard University

*1994* A.M., Department of Anthropology, Harvard University

1986 B.S., Anthropology, University of California, Davis

## GRANTS & AWARDS

- Pending*
- National Science Foundation - *Orangutan Juvenile Development, Digestive Physiology and Selection for a Slow Life History* - Principal Investigator- \$423,214
  - National Science Foundation - *Acquisition of Near Infrared Spectrometer for Rapid Assessment of Primate Nutrition and Plant Chemistry at the Cabang Panti Research Station* - Principal Investigator - \$117,604
- 2016
- National Science Foundation - *Doctoral Dissertation Research: Affiliative Social Relationships and Immune Function in Wild Chimpanzees* - Principal Investigator (graduate student Jacob Negrey) \$25,145
  - Leakey Foundation – *Diet Quality and Fiber Digestion in Wild Bornean Orangutans* - Principal Investigator – Principal Investigator – \$25,000
  - Orang Utan Republik Foundation – *Orangutan Caring Scholarships* – Principal Investigator - \$3500
- 2015
- National Science Foundation - *Doctoral Dissertation Research: Nutrient Drivers and Movement Ecology of Bornean Orangutan Foraging Behavior* - Principal Investigator (graduate student Andrea DiGiorgio) \$25,000
  - US Fish and Wildlife Service – *Orangutan Population and Health Assessments in Gunung Palung National Park* – Principal Investigator - \$75,000
  - Disney Worldwide Conservation Fund – *Orangutan Research, Education and Conservation* – Principal Investigator – \$25,000
  - Conservation, Food and Health Foundation – *Building Community Conservation to Protect a Vital Bornean Orangutan Population* – Principal Investigator – \$30,000
  - AZA Conservation Grants Funds - Enhancing Legal Protections for Bornean Orangutans and their Habitat in the Gunung Palung National Park Landscape, West Kalimantan, Indonesia – Principal Investigator – \$18,750
  - ARCUS Foundation - *Protecting Bornean Orangutans: Customary Forest Initiative* – Principal Investigator – \$75,000
  - Sea World Busch Gardens – *Combating Orangutan-Focused Wildlife Crime in West Kalimantan* – Principal Investigator – \$15,000
  - Nacey Maggioncalda Foundation Orangutan Reseach – Principal Investigator – \$10,000
  - Orang Utan Republik Foundation – *Orangutan Caring Scholarships* – Principal Investigator - \$3750
  - Orangutan Outreach – *Gunung Palung Orangutan Conservation Program* – Principal Investigator – \$3500
  - Riverbanks Zoo and Gardens – *Saving Orangutans One Classroom at a Time: Conservation Education in Remote Communities near Gunung Palung National Park, Indonesian Borneo* – Principal Investigator – \$5086
  - Phoenix Zoo – *Habitat Suitability Modeling to Conserve Bornean Orangutans in and around Gunung Palung National Park*– Principal Investigator – \$2980
  - Woodland Park Zoo – *Gunung Palung Orangutan Conservation Program* – Principal Investigator – \$15,000

- 2014
- National Geographic Society Committee for Research and Exploration – *Supplemental Grant to: Sexual Coercion and Reproductive Strategies of Wild Bornean Orangutans* – Principal Investigator - \$20,000
  - Focused on Nature – *Gunung Palung Orangutan Project* – Principal Investigator – \$19,980
  - Wenner-Gren Foundation – *Gunung Palung Orangutan Conservation Program: 20 Years of Research and Conservation* – Principal Investigator – \$5,000
  - Awely Foundation – *Bentangor: A Community Based Environmental Education and Learning Center in GPNP* – Principal Investigator – \$19,696
  - Disney Worldwide Conservation Fund – *Orangutan Research, Education and Conservation* – Principal Investigator – \$25,000
  - Conservation, Food and Health Foundation – *Building Community Conservation to Protect a Vital Bornean Orangutan Population* – Principal Investigator – \$30,000
  - Sea World Busch Gardens – *Conserving Vital Bornean Orangutan Populations and Habitat through Forest Protection, Community-based Initiatives and Human-Orangutan Conflict Mitigation* – Principal Investigator – \$10,000
  - Nacey Maggioncalda Foundation – *Gunung Palung Orangutan Project* – Principal Investigator - \$5,000
  - Woodland Park Zoo – *Gunung Palung Orangutan Conservation Project* – Principal Investigator – \$14,530
  - National Geographic Society Committee for Research and Exploration – *Sexual Coercion and Reproductive Strategies of Wild Bornean Orangutans* – Principal Investigator - \$16,600
  - Orang Utan Republik Foundation – *Orangutan Caring Scholarships* – Principal Investigator - \$2,000
  - Cheyenne Mountain Zoo – *Gunung Palung Orangutan Conservation Project* – Principal Investigator - \$2,500
  - Orangutan Outreach – *Gunung Palung Orangutan Conservation Program* – Principal Investigator – \$2700
  - Arcus Foundation – *Strengthening Law Enforcement for Orangutan Conservation in Southwestern Borneo* – Principal Investigator \$45,000
- 2013
- AZA Conservation Endowment Fund (CEF) – *Conserving a Vital Bornean Orangutan Population Through Community Conservation and Environmental Education* – Principal Investigator - \$25,053
  - Ape Alliance & Great Ape Film Initiative – Equipment donation
  - Disney Wildlife Conservation Fund – *Orangutan Research, Conservation and Education* – Principal Investigator - \$25,000
  - US Fish and Wildlife Service – *Bornean Orangutan and Forest Habitat Conservation through Customary Forests, Alternative Livelihoods, Increased Environmental Awareness and Human-Orangutan Conflict Mitigation* – Principal Investigator - \$74,792
  - Jean-Marc Vichard Conservation and Development Award – *Enabling Community Conservation in and around Gunung Palung National Park*

- through Forest Protection and Sustainable Livelihoods* – Co-Principal Investigator - \$15,339
- Woodland Park Zoo - *Rapid Assessment Surveys to Determine the Effect of Land-Use Changes on Orangutan Populations* – Principal Investigator - \$5,000
- BOS Canada – *Orangutan Health Monitoring in Gunung Palung National Park* – Principal Investigator - \$1,848
- Columbus Zoo – *Rapid Assessment Surveys to Determine the Effect of Land-Use Changes on Orangutan Populations* – Principal Investigator - \$2,000
- Orang Utan Republik Foundation – *Orangutan Caring Scholarships* – Principal Investigator - \$3,000
- Conservation, Food and Health Foundation – *Conserving a Vital Bornean Orangutan Population through Community Conservation* – Principal Investigator - \$30,000
- Sea World Busch Gardens – *Conserving Vital Bornean Orangutan Populations and Habitat through Forest Protection, Community-based Initiatives and Human-Orangutan Conflict Mitigation* – Principal Investigator - \$15,000
- Disney Rapid Response Fund - *Rapid Assessment Surveys to Determine the Effect of Land-Use Changes on Orangutan Populations* – Principal Investigator - \$15,000
- Orangutan Conservancy – *Rapid Assessment Surveys to Determine the Effect of Land-Use Changes on Orangutan Populations* – Principal Investigator - \$5,000
- National Geographic Society Global – *Assessing the Health Status of Wild Orangutan Populations* – Co-Principal Investigator - \$18,879
- Nacey Maggioncalda Foundation – *Assessing the Health Status of Wild Orangutan Populations* – Principal Investigator - \$5,000
- Woodland Park Zoo – *Gunung Palung Orangutan Conservation Project* – Principal Investigator – \$7,500
- Primate Conservation International – *Assessing the Health Status of Wild Orangutan Populations* – Principal Investigator - \$1,800
- Arcus Foundation – *Strengthening Law Enforcement for Orangutan Conservation in Southwestern Borneo* – Principal Investigator \$60,000
- 2012
- National Science Foundation – *Understanding the Role of Ecology in Orangutan Reproduction* – Principal Investigator – Year 6 – \$381,220
- USAID – IFACS – *Democratization of the spatial planning (RTRW) process in Ketapang and Kayong Utara Regencies through strengthening village institutions and entrepreneurship for natural resource protection*– Principal Investigator – \$99,942
- US Fish and Wildlife Service – *Assessing the Health status of wild orangutan populations* – Principal Investigator – \$65,079
- Wenner-Gren Foundation – *Sexual Coercion and Reproductive Strategies of Wild Bornean Orangutans* – Principal Investigator – \$20,000
- Sea World/Busch Gardens – *Protecting the Orangutans of Southwest Borneo* – Principal Investigator – \$10,000
- Tides Foundation – *Gunung Palung Orangutan Project* – Principal Investigator – \$1,000

Woodland Park Zoo – *Gunung Palung Orangutan Conservation Project* – Principal Investigator – \$7,500  
 GLOBIO – *Gunung Palung Orangutan Project* – Principal Investigator – \$2,000  
 Orang Utan Republik Foundation – *Scholarships for Indonesian Students* – Principal Investigator – \$3,000  
 Conservation, Food and Health Foundation – *Cultivating Awareness and Developing Local Capacity to Protect the Bornean Orangutan and its Habitat* – Principal Investigator – \$25,000  
 Tides Foundation – *Gunung Palung Orangutan Project* – Principal Investigator – \$40,000  
 Disney Wildlife Conservation Fund – *Orangutan research, Education and Conservation* – Principal Investigator – \$25,000  
 Arcus Foundation – *Strengthening Law Enforcement for Orangutan Conservation in Southwestern Borneo* – Principal Investigator \$50,000

2011

Templeton Award for Excellence in Student Advising  
 Arcus Foundation – *Gunung Palung Orangutan Project* – Principal Investigator \$155,000  
 National Science Foundation – *Understanding the Role of Ecology in Orangutan Reproduction* – Principal Investigator – Year 5 – \$95,217  
 Woodland Park Zoo – *Gunung Palung Orangutan Conservation Project* – Principal Investigator – \$7,500  
 Tides Foundation – *Gunung Palung Orangutan Project* – Principal Investigator – \$40,000  
 Phoenix Zoo – *Saving the Orangutan of Indonesia Borneo* – Principal Investigator – \$2,290  
 Cleveland Metroparks Zoo – *Saving the Orangutan through Sustainable Livelihoods around Gunung Palung National Park* – Principal Investigator – \$2,625  
 Oregon Zoo – *Cultivating local awareness and developing local capacity to successfully protect the endangered Bornean orangutan and its habitat* – Principal Investigator – \$4,460  
 AZA Conservation Endowment Fund – *Building New Relationships between Local Populations and the Forest* – Principal Investigator – \$18,973  
 Conservation, Food and Health Foundation – *Cultivating Awareness and Developing Local Capacity to Protect the Bornean Orangutan and its Habitat* – Principal Investigator – \$25,000  
 Sea World/Busch Gardens – *Building new Relationships between local populations and the forest* – Principal Investigator – \$9,700  
 Mary Erskine WIN Grant through Boston University – *Inter-population study of reproductive physiology in orangutans* – Principal Investigator – \$800

2010

National Science Foundation – *Understanding the Role of Ecology in Orangutan Reproduction* – Principal Investigator – Year 4 – \$103,956  
 Leakey Foundation – *Sexual coercion and reproductive strategies in wild Bornean orangutans* – Principal Investigator – \$22,000  
 National Geographic Society – *Understanding the Role of Ecology in Orangutan*

*Reproduction* – Principal Investigator – \$25,000

US Fish and Wildlife Service – Great Ape Conservation Fund – *Conserving Orangutans in Gunung Palung National Park through environmental education and increased legal protection, Indonesia* – Principal Investigator – \$73,260

Mohamed Bin Zayed Foundation – *Nest Density Survey of Orangutans in Gunung Palung National Park* – Co-Principal Investigator – \$15,000

Arcus Foundation – *Orangutan Conservation in Gunung Palung National Park, Indonesia* – Principal Investigator – \$40,000

American Society of Primatologists – *Creating a Green School for Gunung Palung National Park* – Principal Investigator – \$1,000

Conservation, Food and Health Foundation – *Conserving Orangutans in Gunung Palung National Park, Indonesian Borneo through Environmental Education and Increased Legal Protection* – Principal Investigator – \$25,000

Woodland Park Zoo – *Gunung Palung Orangutan Conservation Project* – Principal Investigator – \$7,500

Orangutan Conservancy – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park and Surrounding Forests* – Principal Investigator – \$20,000

Orangutan Conservancy – *Environmental Education Center Development* – Principal Investigator – \$10,000

2009

National Science Foundation – *Understanding the Role of Ecology in Orangutan Reproduction* – Principal Investigator – Year 3 – \$66,077

Mary Erskine WIN Grant through Boston University – *Establishing networking relationships and family travel support to enable research on wild orangutans in Indonesia* – Principal Investigator – \$20,000

US Fish and Wildlife Service – Great Ape Conservation Fund – *Expanding the reach of orangutan conservation around Gunung Palung National Park in concert with local communities* – Principal Investigator – \$60,000

Tides Foundation – *Conserving Orangutans in Gunung Palung National Park, Indonesian Borneo through Environmental Education and Increased Legal Protection* – Principal Investigator – \$28,000

Arcus Foundation – *Orangutan Conservation in Gunung Palung National Park, Indonesia* – Principal Investigator – \$30,000

Conservation, Food and Health Foundation – *Conserving Orangutans in Gunung Palung National Park, Indonesian Borneo through Environmental Education and Increased Legal Protection* – Principal Investigator – \$25,000

International Primatological Society – *Environmental Education Center Displays in Gunung Palung National Park, Indonesia* – Principal Investigator – \$1,500

Keinderan Foundation – *Orangutan and Wildlife Protection in Gunung Palung National Park and Surrounding Areas* – Principal Investigator – \$11,150

The Orangutan Conservancy – *Gunung Palung Orangutan Conservation Program* – Principal Investigator – \$34,628

Woodland Park Zoo – *Gunung Palung Orangutan Conservation Program* – Principal Investigator – \$7,500

Sea World/Busch Gardens – *Increasing animal and habitat protection in the*

*region of Gunung Palung National Park* – Principal Investigator – \$9,717  
Ape Conservation Effort, Atlanta Zoo – *Gunung Palung Orangutan Project* –  
Principal Investigator – \$3,000

- 2008
- National Science Foundation – *Understanding the Role of Ecology in Orangutan Reproduction* – Principal Investigator – Year 2 – \$66,856
  - US Fish and Wildlife Service – Great Ape Conservation Fund – *Orangutan Range Use, Food Species and Nutritional Assessment in Gunung Palung National Park, Indonesia* – Principal Investigator – \$49,644
  - The Orangutan Conservancy – *Infrastructure Completion of the Cabang Panti Research Station and Re-Establishment of Research at Gunung Palung* – Principal Investigator – \$10,000
  - The Orangutan Conservancy – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park and Surrounding Forests* – Principal Investigator – \$30,000
  - Conservation, Food and Health Foundation – *Orangutan Conservation through Education, Community Outreach and Capacity Building Programs around Gunung Palung National Park, Indonesian Borneo* – Principal Investigator – \$32,500
  - Woodland Park Zoo – *Gunung Palung Orangutan Conservation Program* – Principal Investigator – \$7,500
  - Sea World/Busch Gardens – *Animal and Habitat Protection in Gunung Palung National Park and Surrounding Areas* – Principal Investigator – \$5,000
  - Zoo New England – *Building Conservation and Education Through Forest Field Trips for Students Living in Border Areas of Gunung Palung National Park, West Kalimantan, Borneo, Indonesia* – Principal Investigator – \$5,548
  - Disney Wildlife Conservation Fund – *Gunung Palung Orangutan Conservation Program* – Principal Investigator – \$12,500
  - Keinderan Foundation – *Orangutan and Wildlife Protection in Gunung Palung National Park and Surrounding Areas* – Principal Investigator – \$10,015
- 2007
- National Science Foundation – *Understanding the Role of Ecology in Orangutan Reproduction* – Principal Investigator – \$381,220 Awarded over 5 years – Year 1 – \$49,114
  - National Science Foundation – *Factors Affecting Geographic Variation in Orangutan Diet* – Co-Principal Investigator – \$207,621 Awarded over 3 years
  - Harvard University – *Research Enabling Grant* – Principal Investigator – \$75,000
  - National Geographic Society – *Orangutan Conservation, Environmental Education and Community Building in Gunung Palung National Park* – Principal Investigator – \$40,000
  - US Fish and Wildlife Service – Great Ape Conservation Fund – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$50,090
  - Conservation, Food and Health Foundation – *Building Conservation Capacity in Local People and Organizations Around Gunung Palung National Park* – Principal Investigator – \$30,000

Sea World/Busch Gardens – *Orangutan Conservation, Environmental Education and Community Building in Gunung Palung National Park, Indonesia* – Principal Investigator – \$10,000

Woodland Park Zoo – *Orangutan Conservation Program: Building local support and capacity for orangutan conservation in Gunung Palung National Park, Indonesia* – Principal Investigator – \$10,000

The Orangutan Conservancy – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park and Surrounding Forests* – Principal Investigator – \$33,000

Papoose Foundation – *Building Conservation and Education Through Forest Field Trips for Students Living in Border Areas of Gunung Palung National Park, West Kalimantan, Borneo, Indonesia* – Principal Investigator – \$1,000

Feyerabend Foundation – *Building Solidarity in Local Communities by Gazetting Village Forests as an Alternative to Selling Off Land to Oil Palm Plantation Companies* – Principal Investigator – \$10,000

Wildlife Conservation Network – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park and Surrounding Forests* – Principal Investigator – \$10,000

2006

Conservation, Food and Health Foundation – *Building Conservation Capacity in Local People and Organizations around Gunung Palung National Park* – Principal Investigator – \$25,500

The Orangutan Conservancy – *Building Institutions and Enabling Communities for Orangutan Conservation and Environmental Management around Gunung Palung National Park* – Principal Investigator – \$10,000

Wildlife Conservation Network – *Building Institutions and Enabling Communities for Orangutan Conservation and Environmental Management around Gunung Palung National Park* – Principal Investigator – \$10,000

Houston Zoo – *Orangutan Conservation Research, Environmental Education and Community Building in Gunung Palung National Park, Indonesia* – Principal Investigator – \$2,000

Woodland Park Zoo – *Development of Lubuk Baji Environmental Education Center* – Principal Investigator – \$3,500

2005

National Geographic Society – *Gunung Palung Orangutan Conservation Program* – Principal Investigator – \$40,000

Milton Fund of Harvard University – *Reproductive Endocrinology of Wild Bornean Orangutans* – Principal Investigator – \$35,000

US Fish and Wildlife Service – Great Ape Conservation Fund – *Program Development of Gunung Palung Conservation Program: Orangutan Conservation and Habitat Protection* – Principal Investigator – \$50,000

Conservation, Food and Health Foundation – *Building and Strengthening Local Institutions for Orangutan Conservation in Gunung Palung National Park and surrounding forests* – \$25,150



- Balikpapan Orangutan Society–USA – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$36,000
- Woodland Park Zoo – *Orangutan Habitat Protection and Patrolling in Gunung Palung National Park* – Principal Investigator – \$2,000
- Wildlife Conservation Network – *Gunung Palung Habitat Protection* – Principal Investigator – \$15,000
- Houston Zoo – *Environmental Education & Eco-tourism for Lubuk Baji, Gunung Palung National Park* – Principal Investigator – \$18,184
- 2004
- Leakey Foundation – *The Social System and Ranging Patterns of Wild Bornean Orangutans in Gunung Palung National Park, Indonesia* – Principal Investigator – \$8,100
- US Fish and Wildlife Service – Great Ape Conservation Fund – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$50,000
- Conservation, Food and Health Foundation – *Training and Capacity Building for Orangutan Conservation in Gunung Palung National Park* – Principal Investigator – \$25,075
- Wildlife Conservation Network – *Gunung Palung Habitat Protection* – Principal Investigator – \$5,000
- Woodland Park Zoo – *Gunung Palung Habitat Protection* – Principal Investigator – \$5,000
- Balikpapan Orangutan Society–USA – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$33,000
- Houston Zoo – *Orangutan Conservation in Gunung Palung National Park* – Principal Investigator – \$13,300
- 2003
- Margot Marsh Biodiversity Fund – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$5000
- Conservation, Food and Health Foundation – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$25,075
- Balikpapan Orangutan Society–USA – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$46,700
- Woodland Park Zoo – *Orangutan Habitat Protection & Patrolling in Gunung Palung National Park* – Principal Investigator – \$4,950
- 2002
- Leakey Foundation – *Reproductive and Nutritional Ecology of Orangutans in Gunung Palung National Park, Indonesia* – Interim Request – Principal Investigator – \$8,000
- Conservation International – *Orangutan Population Census and Habitat Protection in Gunung Palung National Park, West Kalimantan, Indonesia* – Principal Investigator – \$5,000
- Margot Marsh Biodiversity Fund – *Orangutan Population Census and Habitat*

- Protection in Gunung Palung National Park, West Kalimantan, Indonesia* – Principal Investigator – \$9,892
- Conservation, Food and Health Foundation – *Orangutan Conservation in Gunung Palung National Park–Renewal* – Principal Investigator – \$11,280
- Balikpapan Orangutan Society–USA – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$16,200
- Hooton Fund – *Research Support* – Principal Investigator – \$20,000
- Cooke Fund – *Computer Equipment Support* – Principal Investigator – \$4,000
- 2001 National Geographic Society – *Gunung Palung Orangutan Conservation Program* – Principal Investigator – \$29,825
- National Geographic Society – *Ecological Effects on Behavior and Development in Wild Bornean Orangutans* – Principal Investigator – \$25,000
- US Fish and Wildlife Service – Great Ape Conservation Fund – *Research and Training in Gunung Palung National Park, Indonesia* – Principal Investigator – \$38,071
- US Fish and Wildlife Service – Great Ape Conservation Fund – *Gunung Palung Orangutan Conservation Program* – Principal Investigator – \$35,893
- Balikpapan Orangutan Society–USA – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$36,355
- Cooke Fund – *Computer Equipment Support* – Principal Investigator – \$2,000
- 2000 Leakey Foundation – *Reproductive and Nutritional Ecology of Orangutans (Pongo pygmaeus pygmaeus) in Gunung Palung National Park, Indonesia* – Principal Investigator – \$20,000
- Conservation, Food and Health Foundation – *Orangutan Conservation in Gunung Palung National Park* – Principal Investigator – \$23,070
- Balikpapan Orangutan Society–USA – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$13,000
- 1999 Balikpapan Orangutan Society–USA – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$12,000
- Primate Conservation International – *Orangutan Conservation Education in Gunung Palung National Park* – Principal Investigator – \$2,000
- Atlanta Zoo – *Gunung Palung Orangutan Project* – Principal Investigator – \$1,500
- Cooke Fund – *Computer Equipment Support* – Principal Investigator – \$4,000
- 1998 Conservation, Food and Health Foundation – *Orangutan Conservation in the Rainforest of Borneo* – Principal Investigator – \$8,500
- Balikpapan Orangutan Society–USA – *Orangutan Conservation and Habitat Protection in Gunung Palung National Park* – Principal Investigator – \$2,500
- 1997 National Geographic Society – *Chairman's Award* – \$17,667

- American Society of Primatologists – *Interactions between Energy Balance, Hormonal Patterns and Mating Behavior in Wild Bornean Orangutans (Pongo pygmaeus)* – Graduate Student Prize for Best Conference Paper
- American Association of Physical Anthropologists – *The effects of changes in food availability on diet, activity and hormonal patterns in wild Bornean orangutans (Pongo pygmaeus)* – Sherwood Washburn Graduate Student Prize for Best Conference Paper
- National Geographic Society – *Reproductive and Behavioral Ecology of Orangutans in the Rainforest of Borneo* – Principal Investigator – \$33,897
- National Geographic Society – *Reproductive Ecology of Orangutans in the Bornean Rainforest* – Principal Investigator – \$5,000
- 1996 Leakey Foundation – *Continued Research on Reproductive Ecology of Orangutans in the Gunung Palung National Park, Indonesia* – Principal Investigator – \$5,000
- National Geographic Society – *Continued Research on Reproductive Ecology of Orangutans in the Bornean Rainforest* – Principal Investigator – \$5,000
- Cora DuBois Fellowship for Dissertation Completion – *Reproductive Ecology of Orangutans in Gunung Palung National Park, Indonesia* – Principal Investigator – \$8,000
- Mellon Foundation Fellowship for Dissertation Completion – *Reproductive Ecology of Orangutans in Gunung Palung National Park, Indonesia* – Principal Investigator – \$3,000
- 1995 National Science Foundation Dissertation Grant – *Reproductive Ecology of Female Orangutans in Gunung Palung National Park, Indonesia* – Co-Principal Investigator – \$11,979
- 1994 Leakey Foundation – *Reproductive Ecology of Orangutans in Gunung Palung National Park, Indonesia* – Principal Investigator – \$5,751
- Wenner-Gren Foundation Pre-doctoral Grant – *Reproductive Ecology of Orangutans in Gunung Palung National Park, Indonesia* – Principal Investigator – \$11,950
- Frederick R. Sheldon Traveling Fellowship – *The Reproductive Ecology of Free-Living Orangutans in Gunung Palung National Park, Borneo* – Principal Investigator – \$10,000
- National Geographic Society – *Reproductive Ecology of Orangutans in the Bornean Rainforest* – Principal Investigator – \$7,367
- Mellon Foundation Fellowship for Dissertation Research – *The Reproductive Ecology of Orangutans in the Bornean Rainforest* – Principal Investigator – \$6,000
- 1993 Department of Anthropology, Harvard University,  
Grant for Laboratory Research – *Development of Radioimmunoassay Techniques for the Study of Wild Apes* – \$4,000

- 1992 Mellon Foundation Grant for Summer Research – *The Reproductive Ecology of Free-Living Chimpanzees* and Orangutans – Principal Investigator – \$4,400  
 Explorer's Club Grant for Exploration and Research – *The Reproductive Ecology of Free-Living Chimpanzees* – Principal Investigator – \$1,200  
 Sigma Xi Research Grant – *The Reproductive Ecology of Free-Living Chimpanzees* – Principal Investigator – \$420  
 Graduate Student Council Summer Research Award – *The Reproductive Ecology of Free-Living Chimpanzees* – Principal Investigator – \$450  
 Department of Anthropology, Harvard University, Conference Travel Grant – \$400
- 1991 Department of Anthropology, Harvard University – *Research at the Center for the Reproduction of Endangered Species* – \$2,000  
 Department of Anthropology, Harvard University, Conference Travel Grant – \$400
- 1990, 1991 Ann and Gordon Getty Prize Fellowship for doctoral research – Harvard University Graduate Student tuition

## SCIENTIFIC PUBLICATIONS

### *Selected In Prep:*

Knott, C. D. (in prep). *Energetic Constraints on Male Reproduction in Orangutans*

Knott, C. D., M. Brown, R. Bennett and N. L. Conklin-Brittain. (in prep). *Ecological risk aversion in juvenile Bornean orangutans.*

### *In Review:*

Freund, C., Rahman, Ed. And Knott, C. D. (in review). Ten years of orangutan-related wildlife crime investigation West Kalimantan, Indonesia: Lessons Learned and the Outlook for Bornean Orangutans. *American Journal of Physical Anthropology*

### *In Revision:*

DiGiorgio, A., Knott, C. D. (in review). Understanding the Variability in Human Foraging Behavior – Sexual Division of Labor is More Flexible in Rainforest Hunter-Gatherer Groups. *Human Nature.*

### *In Press:*

Knott, C. D. (in press). *Sexual Coercion.* in *The International Encyclopedia of Primatology.* Wiley Blackwell.

*Published:*

Knott, C. D. (2015). *Orangutans*. in *International Encyclopedia of Human Sexuality*. Edited by: P. Whelehan and A. Bolin. Wiley Blackwell.

Knott, C. D. (2015). *Rape (Sexual Coercion) NonHuman*. in *International Encyclopedia of Human Sexuality*. Edited by: P. Whelehan and A. Bolin. Wiley Blackwell.

Lameira, A.R., Hardus, M.E., Nouwen, K.J.J.M., Topelberg, E., Delgado, R., Spruijt, B., Sterck, E.H.M., Knott, C.D., Wich, S.A. (2013). Population-Specific Use of the Same Tool-Assisted Alarm Call between Two Wild Orangutan Populations (*Pongo pygmaeus wurmbii*) Indicates Functional Arbitrariness. *PLoS ONE*. 8 (7): e69749.

Emery Thompson, M., Zhou, A., & Knott, C.D. (2012). Low testosterone correlates with delayed development in male orangutans. *PLoS ONE*. 7 (10): 1-7.

Laurance, William, ...Knott, C. D. et al., (2012). Averting biodiversity collapse in tropical protected areas. *Nature*. 489: 290-294.

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## CONFERENCE PRESENTATIONS/PUBLISHED ABSTRACTS

- October, 2015      Knott, C. D. *The Gunung Palung Orangutan Conservation Program: Alternative Livelihoods*. Zoos and Aquariums Committing to Conservation. Denver, CO.
- October, 2015      Freund, C, E. Rahman and C. D. Knott. *Ten Years on the Front Line of Orangutan Poaching and Wildlife Crime in West Kalimantan, Indonesia*. Zoos and Aquariums Committing to Conservation. Denver, CO.



- October, 2015 Knott, C. D. and C. E. Freund. *Palm Oil and Orangutans in Kalimantan, Indonesia*. Woodland Park Zoo Summit. Denver, CO.
- August, 2015 Knott, C. D. *Twenty-Three Years of the Gunung Palung Orangutan Project*. GP30+ Celebrating Thirty Years of Research and Conservation at Cabang Panti Research Station. Sukadana, West Kalimantan, Indonesia.
- June, 2015 Freund, C, E. Rahman and C. D. Knott. *Ten Years on the Front Line of Orangutan Poaching and Wildlife Crime in West Kalimantan, Indonesia*. Zoo, International Conference on Rainforest Ecology, Diversity and Conservation in Borneo, Sabah, Borneo, Malaysia.
- April 2015 O'Connell, C. and Knott, C. D. Behavioral Flexibility in Orangutans: How Sociality is Modulated at Different Levels by Fruit availability, Demographics and Life History in a Wild Population on Borneo. *American Journal of Physical Anthropology*. Volume 156, Supplement 60, p. 239. American Association of Physical Anthropologists Annual Meeting. St. Louis, Missouri.
- April 2015 Knott, C. D. Infant Carrying in Orangutans, Implications for Human Evolution. *American Journal of Physical Anthropology*. Volume 156, Supplement 60, p. 191. American Association of Physical Anthropologists Annual Meeting. St. Louis, Missouri.
- November, 2014 Durgavich, L., C. D. Knott and M. Emery Thompson. *Orangutans and Reproductive Aging: Reframing the Discussion about Menopause and a Post-reproductive Lifespan*. North Eastern Primate Ecology, Evolution and Behavior Group. Rutgers University.
- November, 2014 O'Connell, C. and C. D. Knott. *Life 'herstory' and sociality: Adolescence as a critical period for social development in female orangutans*. North Eastern Primate Ecology, Evolution and Behavior Group. Rutgers University.
- August, 2014 Knott, C. D., and M. Emery Thompson. *The Impact of Food and Energetic Stress on the Hormonal Functioning and Conservation Viability of Wild Bornean Orangutans*. International Primatological Society Congress. Hanoi, Vietnam.
- April 2013 Knott, C. D., M. Emery Thompson and A. Zhou. *Male Bi-maturism and the Cost of Reproduction in Wild Bornean Orangutans*. American Association of Physical Anthropologists annual meeting. Knoxville, Tennessee.
- August, 2012 Knott, C. D., M. Emery Thompson and A. Zhou. *Testosterone and*

*Cortisol in the Development of Sexual Bi-maturism in Orangutans.*  
International Primatological Society Congress. Cancun, Mexico.

- June, 2012* DiGiorgio, A. and C. Knott. Defining female Bornean Orangutan (*Pongo pygmaeus wurmbii*) ranging behavior using Geospatial Analysis: Home Range Characteristics, Overlap and Range During Low-Fruit Availability. American Society of Primatologists Annual Meeting. Sacramento, CA.
- April, 2012* Knott, C. D., Emery Thompson, Melissa. *C-Peptide and the Cost of Reproduction in Bornean Orangutans.* *American Journal of Physical Anthropology.* Volume 147, Supplement 55, p. 184. American Association of Physical Anthropologists Annual Meeting. Portland, Oregon.
- April, 2012* Durgavich L. S, Knott C. D., Thompson M. E. *Captive female orangutans do not exhibit hormonal signs of age-related reproductive decline.* *American Journal of Physical Anthropology,* Vol. 147, Suppl 54: 136. American Association of Physical Anthropologists Annual Meeting. Portland, Oregon.
- March, 2011* Knott, C. D. *The Gunung Palung Orangutan Conservation Program,* Woodland Park Zoo Partners for Wildlife Conference. Seattle, Washington.
- September 2011* Vogel, E. R., C. D. Knott, M. Blakely, M. Larsen, N. Dominy. *Orangutans (Pongo pygmaeus) are adapted to avoid protein limitation – just barely.* American Society of Primatologists Annual Meeting. Presented by E. Vogel. *American Journal of Primatology,* Volume 73, Supplement 1, p. 70.
- September, 2010* Knott, C. D. *The energetic cost of being a flanged prime male orangutan: Insights into the evolution of male bi-maturism.* International Primatological Society Congress. Kyoto, Japan.
- July, 2010* Knott, C. D. and M. Emery Thompson. *Assessing the health and energetic Status of wild orangutans in Gunung Palung National Park.* Annual Meeting of the Association of Tropical Biology and Conservation. Bali, Indonesia.
- Susanto, W. T., C. D. Knott, M. Bastian, J. Beck and M. Emery Thompson. *Sexual Selection for Large Male Body Size in Orangutans, the Largest Canopy Animal.* Annual Meeting of the Association of Tropical Biology and Conservation. Bali, Indonesia.
- de Sousa, A. T., C. D. Knott, T. P. Indrawan and M. Achmad. *Engaging local people in orangutan habitat conservation in Borneo.* Annual Meeting of the Association of Tropical Biology and Conservation. Bali, Indonesia.

- Teixeira de Sousa, A., C. D. Knott, T. P. Indrawan and M. Achmad. *Orangutan Habitat Conservation in Southwest Borneo*. Orangutan Conservation Workshop. Bali, Indonesia.
- April, 2010 Knott, C. D. *Ecological risk aversion in juvenile Bornean orangutans*. Annual meeting of the American Association of Physical Anthropologists. Albuquerque, NM. *American Journal of Physical Anthropologists*. Volume 141, Supplement 50, p. 145.
- March, 2009 Crowley, B. E., C. D. Knott, S. Haryati, A. Zulfa, M. E. Blakely and E. R. Vogel. *What urine can tell us about protein balance in wild orangutans*. American Association of Physical Anthropologists Annual Meeting. *American Journal of Physical Anthropology*, Volume 138, Supplement 48, p. 112.
- August, 2008 Knott, C. and M. Emery Thompson. *Urinary C-peptide of Insulin as a Non-Invasive Measure of Energy Balance in Wild Orangutans*. International Congress of Primatologists. Edinburgh, Scotland, UK.
- Vogel, E., B. C. Crowley, C. Knott and N. Dominey. *Protein conservation in wild primates: measuring variation in energy utilization in the field*. International Congress of Primatologists. Edinburgh, Scotland, UK.
- April, 2008 Knott, C. D. Female-female competition and ranging in Bornean orangutans. *American Journal of Physical Anthropologists*. Volume 135, Supplement 46, p. 132-133.
- October, 2007 Knott, C. D. *The Gunung Palung Orangutan Conservation Program: Integrating Research and Education for Orangutan Conservation*. Orangutan Husbandry Conference. Chicago, IL.
- March, 2007 Knott, C. D., M. Emery Thompson and R. M. Stumpf. *Sexual coercion and mating strategies of wild Bornean orangutans*. American Association of Physical Anthropologists Annual Meeting. Philadelphia, PA. *American Journal of Physical Anthropologists*, Volume 132, Supplement 44, p. 145
- Delgado, R. A. and C. D. Knott. *Site differences in orangutan (Pongo spp) behavioral ecology: Implications for sociality and community structure*. American Association of Physical Anthropologists Annual Meeting. Philadelphia, PA. *American Journal of Physical Anthropologists*, Volume 132, Supplement 44, p. 97-98.
- June, 2006 Knott, C. D., R. M. Stumpf, S. Kahlenberg and M. Emery Thompson. *Forced Copulations and Coercion in Bornean Orangutans*. 21st Congress of the International Primatological Society. Entebbe, Uganda.

White, S., C. D. Knott, S. Kahlenberg and T. Snaith. (Presented by C. Knott). *Female–Female Competition in Bornean Orangutans*. 21st Congress of the International Primatological Society. Entebbe, Uganda.

Stumpf R., C. D. Knott and M. Emery–Thompson. *Comparative Mating Strategies of Chimpanzees and Orangutans* (with). 21st Congress of the International Primatological Society. Entebbe, Uganda.

Knott, C. D., M. Emery Thompson and S. Wich *The Ecology of Reproduction in Wild Orangutans*. 21st Congress of the International Primatological Society. Entebbe, Uganda.

Snaith, T. C. D. Knott, S. Wich, and I. Singleton. (Presented by C. Knott). *Dietary and Ranging Responses of Orangutans to Fluctuating Food Availability* (with). 21st Congress of the International Primatological Society. Entebbe, Uganda.

Russon, A., C. D. Knott, S. Wich, M. Ancrenaz, R. Hatta, S. Husson, P. Pratje, P. Rodman & C. van Schaik *Geographic Variation in Orangutan Diet*. 21st Congress of the International Primatological Society. Entebbe, Uganda.

van Noordwijk, M. S. Wich, and S. Utami Atmoko, C. D. Knott. *Growing up slowly? Development in Sumatran and Bornean orangutans*. 21st Congress of the International Primatological Society. Entebbe, Uganda.

- September, 2005 Knott, C. D. *Menstrual Huts and Taboos The Relationship with Female Energy Balance*. Anthropology Day Symposium. Harvard University.
- April, 2005 Knott, C. D. 2005. *Over the Hill: Past Prime Males and the Evolution of Male Bi-Maturism in Orangutans*. Simian Seminar Reunion. Cambridge, MA.
- August, 2004 Conklin–Brittain, N. L., C. Knott and R. Wrangham. (2000). *Similarities and Differences in the Caloric Intake by Primates as Exposed by Seasonality: The importance of Water Content*. Feeding Ecology of the Apes Conference. Leipzig, Germany.
- April, 2004 Knott, C. *The Energetic Cost of Arboreal Motherhood in Orangutans: Effects on the Inter–birth Interval*. American Association of Physical Anthropologists Annual Meeting. Tampa, FL. *American Journal of Physical Anthropologists*, Volume 123, Supplement 38, p. 126-127.
- April, 2003 Knott, C., E. Hill, A. Johnson and J. Harting. *Integrating research and education for orangutan conservation in Gunung Palung National Park, Indonesia*. American Association of Physical Anthropologists Annual

- Meeting. Tempe, AZ. *American Journal of Physical Anthropology*. Volume 120, Supplement 36, p. 131.
- November, 2002 Knott, C. D. *Testosterone, behavioral differences and development in wild adult male orangutans (Pongo pygmaeus) in Borneo*. COE2/SAGA5: Evolution of the apes and the origins of the human beings, Inuyama, Japan.
- November, 2002 Knott, C. D. *Melding Orangutan Research and Conservation: Approaches from Gunung Palung*, Saving the Last Wild Orangutans Symposium, Harvard University, Cambridge, MA.
- June, 2002 Heller, J. A., C. D. Knott, N. L. Conklin-Brittain, L. L. Rudel, M. D. Wilson and J. W. Froehlich. *Fatty acid profiles of orangutan (Pongo pygmaeus) foods as determined by gas-liquid chromatography: cambium, seeds and fruit*. American Society of Primatologists Annual Meeting. Oklahoma City, OK. *American Journal of Primatology*. Volume 57, Supplement 1, p. 44.
- June, 2001 Knott, C. D. *The Gunung Palung Orangutan Project*. Orangutan Reintroduction and Protection: Perspectives at 10 years. Balikpapan, Indonesia.
- April, 2001 Knott, C. D. *A Natural History of Orangutans*. Great Apes at the Threshold: Implications for Law, Ethics, Conservation and Science. Boston, MA.
- March, 2000 Knott, C. D. *Testosterone and behavioral differences in fully developed and undeveloped wild Bornean orangutans (Pongo pygmaeus pygmaeus)*. American Association of Physical Anthropologists Annual Meeting. San Antonio, TX. *American Journal of Physical Anthropology*. Volume 111, Supplement 30, p. 198.
- November, 1998 Knott, C. D. *Orangutan Reproductive Ecology*, Keynote Speaker, Southern California Primate Forum, University of California, Los Angeles, CA.
- November, 1998 Knott, C. D. *Negotiating the Canopy by the Largest Canopy Animal – the Orangutan*, Second International Conference on the Rain forest Canopy, Selby Botanical Garden, Sarasota, FL.
- April, 1998 Knott, C. D. *Social dynamics, ranging patterns and male and female strategies in wild Bornean orangutans (Pongo pygmaeus)*. American Association of Physical Anthropologists Annual Meeting. Salt Lake City, UT. *American Journal of Physical Anthropology*. Volume 105, Supplement 26, p. 140.

- van Schaik and C. D. Knott. *Orangutan Cultures?* American Association of Physical Anthropologists Annual Meeting. Salt Lake City, UT. Volume 105, Supplement 26, p. 223.
- September, 1997* Knott, C. D. *Orangutan Reproduction and Socio–ecology*. Anthropology Day Symposium. Harvard University
- June, 1997* Knott, C. D. *Interactions between energy balance, hormonal patterns and mating behavior in wild Bornean orangutans* (*Pongo pygmaeus*). American Society of Primatologists Annual Meeting. San Diego, CA. *American Journal of Primatology*. Volume 42, (2) p. 124.
- April, 1997* Knott, C. D. *The effects of changes in food availability on diet, activity and hormonal patterns in wild Bornean orangutans* (*Pongo pygmaeus*). American Association of Physical Anthropologists Annual Meeting. St. Louis, MO. *American Journal of Physical Anthropology*. Volume 104, Supplement 24, p. 145.
- August, 1996* Knott, C. D. *Changes in orangutan foraging, ranging and grouping behavior in response to fluctuations in food availability at Gunung Palung National Park, Borneo*. Joint Congress of the American Society of Primatologists and the International Primatological Association. Madison, WI.
- April, 1996* Knott, C. D. *Monitoring health status of wild orangutans through field analysis of urine*. American Association of Physical Anthropologists Annual Meeting. Durham, North Carolina. *American Journal of Physical Anthropology*. Supplement 22: 139–140.
- March, 1995* Knott, C. D. *Preliminary report on feeding and activity patterns of orangutans* (*Pongo pygmaeus*) *at Gunung Palung National Park during periods of high and low food availability*. Gunung Palung Symposium. Bogor, Indonesia.
- July, 1993* Knott, C. D. *Monitoring of hormonal profiles of free–ranging chimpanzees* (*Pan troglodytes*) *and orangutans* (*Pongo pygmaeus*). Ecological Society of America Annual Meeting. Madison, WI. *Bulletin of the Ecology Society of America*. Supplement to Volume 74: (2) 314.
- April, 1993* Knott, C. D. *Hormonal profiles of the captive siamang* (*Hylobates syndactylus*). American Association of Physical Anthropologists Annual Meeting. Toronto, Canada. *American Journal of Physical Anthropology*. Volume 36, Supplement 16, p. 126–127.
- April, 1992* Knott, C. D. *Age– and cycle–phase related changes in salivary androgens*

*of women of reproductive age.* American Association of Physical Anthropologists Annual Meeting. Las Vegas, NV. Volume 35, Supplement 14, p. 101.

April, 1990 Knott, C. D. *Use of Pathological Specimens in the Stanford–Meyer Skeletal Collection at the San Diego Museum of Man.* Southwestern Anthropological Association Annual Meeting. Long Beach, CA.

## CONFERENCE ORGANIZING ACTIVITIES

2015 Conference Organizer. *Gunung Palung – 30 Years of Research and Conservation.* Ketapang, Indonesia. August, 2015.

2012 Symposium Organizer. *The Role of Phenotypic Plasticity in the Expression of Primate Life History Traits.* International Primatological Society Congress. Cancun, Mexico. August, 2012.

2010 Symposium Organizer. *Conserving Primates through Research and Habitat Protection.* Association for Tropical Biology and Conservation, Bali, Indonesia, July 2010

2002 Symposium Organizer. *Saving the Last Wild Orangutans Symposium,* Harvard University, Cambridge, MA. November, 2002.

## INVITED LECTURES

March 22, 2016 Knott, C. D. *Fieldwork on Wild Orangutans: BioSafety Considerations.* Institutional Biosafety Committee. Boston University Medical School. Boston, MA.

November 2015 Knott, C. D. and T. G. Laman. *A Closer Look: Research and Exploration to Save the Red Apes.* National Geographic Society.

August 19, 2015 Knott, C. D. *Saving the Forest for Orangutans.* World Orangutan Day Event. @ America. US Embassy, Jakarta, Indonesia.

May 19, 2015 Knott, C. D. *Adventures among Orangutans: Saving the Red Apes.* Harvard Traveler's Club, Boston, MA.

April 17, 2015 Knott, C. D. *Sexual Coercion, Inter-Birth Intervals, and the Evolution of Male Bimaturim in Orangutans.* Stony Brook University, Stony Brook, New York.

February 24, 2015 Knott, C. D. and T. G. Laman. *Adventures among Orangutans:*

- Saving the Red Apes of Borneo.* Woodland Park Zoo, Seattle, WA.
- July 28, 2013 Knott, C. D. *The Gunung Palung Orangutan Project.* Universitas Tanjungpura (UNTAN). Pontianak, West Kalimantan, Indonesia.
- March 26, 2013 Knott, C. D. *Ecosystems, Culture, and Governance: A Systems View of Development.* Pardee House Seminar, Boston University.
- February 20, 2013 *The Gunung Palung Orangutan Project.* Guest Lecture. National Geographic Endeavour. Galapagos Islands, Ecuador.
- November 29, 2012 *Orangutan Enigmas: What do long inter-birth Intervals and Male Bi-maturism have to do with each other?* Guest Lecture. Department of Anthropology, Rutgers University.
- October 22, 2012 *Inter-birth Intervals, Sexual Coercion, and the Evolution of Male Bi-maturism in Orangutans.* Guest Lecture. Department of Anthropology, Yale University.
- March 29, 2012 *Fertility and Single Motherhood in Wild Orangutans: Reflections on Human Evolution.* BU Women's Guild. Boston University, Boston, MA.
- July 11, 2011 Indonesian Biodiversity from Orangutans to Birds of Paradise. Guest Lecture with Dr. Tim Laman. Eijkman Institute for Molecular Biology. Jakarta, Indonesia.
- May 11, 2011 *Sexual Coercion and the Evolution of Male Bi-Maturism in Orangutans.* Guest Lecture. Department of Biology, Queen's College, New York.
- March 2, 2011 *Understanding Orangutan Adaptations using Behavioral Endocrinology.* Guest Lecture. Department of Organismic and Evolutionary Biology, Harvard University.
- July 29, 2010 *Orangutan Research at Gunung Palung National Park.* National University of Indonesia (UNAS). Jakarta, Indonesia.
- October 18, 2007 *The Gunung Palung Orangutan Conservation Program: Integrating Research and Education for Orangutan Conservation.* Orangutan Husbandry Conference. Chicago, IL.
- January 25, 2007 *Orangutans: Can we Save the Red Ape of Borneo?* Woodland Park Zoo, Seattle, WA.
- October 4, 2006 *How can we save the Red Ape of Borneo and Sumatra?* Portland Zoo, Portland, OR.
- October 16, 2004 *Orangutans: Barely Hanging on* (with James McCaul); Wildlife



- Conservation Network Symposium, San Francisco, CA.
- June 28, 2003* *Orangutans: Living on the Edge.* Zoo New England, Boston, MA.
- March 19, 2003* *Orangutan Feast, Famine and Fertility: Reflections into the Human Evolutionary Past.* Bowers Museum, Santa Ana, CA.
- March 18, 2003* *Orangutans to Flying Frogs: Treasures of the Asian Rain Forest* (with Tim Laman). Live From National Geographic Lecture Series. Field Museum, Chicago, IL.
- November 1, 2002* *Orangutan Fat, Famine and Fertility: Reflections into the Human Evolutionary Past.* Harvard Museum of Natural History, Cambridge, MA.
- May 23, 2002* *Feast, Famine and Fertility: How Orangutans Cope with an Uncertain World.* California Academy of Sciences, San Francisco
- March, 2002* *The Evolution of Human Parenting.* Harvard University, Cambridge, MA.
- April, 2001* *Reproductive, Physiological and Behavioral Responses of Orangutans in Borneo to Fluctuations in Food Availability.* Forestry Faculty, University of Tanjungpura, Pontianak, Indonesia. June 20, 2001.
- April, 2001* *Fat, Famine and Fertility: Orangutan Reproductive Ecology.* Department of Anthropology, Yale University. April 19, 2001.
- March 26, 2000* *Studying Borneo's Wild Orangutans.* Istanbul, Turkey.
- October 28, 1998* *Orangutans in Borneo* (with Tim Laman). Keynote Speakers at the annual meeting of Kansas City Friends of the Zoo, Kansas City, Missouri.
- October 7, 1998* *Adventures in the Rain Forest of Borneo* (with Tim Laman). Live from the National Geographic Lecture Series, Washington D.C.
- May 21, 1997* *Enchantment in Indonesia: Exquisite Creatures in the Rain Forest of Borneo* (with Tim Laman). Alexander Graham Bell Society Annual Benefit. Keynote Speakers. National Geographic Society, Washington, D.C.
- June 9, 1990* *A Day in the Life of an Anthropologist.* Symposium: Tracks to the Future. Reuben H. Fleet Space Theatre and Science Center. San Diego, CA.

February 27, 1990                      *How Do We Know about Human Evolution?* Symposium:  
Women in Science. Olive Peirce Middle School. Ramona, CA.

January 23, 1990                      *Windows into the Past: Recognizing Changes in Human  
Evolution. Symposium: Expanding your Horizons in Science and  
Mathematics.* Southwestern College. Chula Vista, CA.

## POPULAR ARTICLES WRITTEN

Knott, C. D. (August, 2015). Cabang Panti Discovered (and Rediscovered). *Code Red:  
Newsletter of the Gunung Palung Orangutan Project.*

Knott, C. D. (March, 2015). Walimah's Journey from Newborn to New Mom. *Code Red:  
Newsletter of the Gunung Palung Orangutan Project.*

Knott, C. D. (2014). *Postcards from Borneo: My Rainforest Family.* National Geographic Proof  
Blog. [http://proof.nationalgeographic.com/2014/08/26/postcards-from-borneo-my-rainforest-  
family/](http://proof.nationalgeographic.com/2014/08/26/postcards-from-borneo-my-rainforest-family/)

Knott, C. D. (2003). Orangutans hang tough. *National Geographic Magazine.* October: 76-81.

Knott, C. D. (2003). A letter from the Bornean rain forest. in *Footsteps Through Time: Four  
Million Years of Human Evolution.* Edited by: R. A. Tyson. San Diego Museum of Man: San  
Diego, 26-27.

Knott, C. D. (2001). People of the forest — Borneo's wild orangutans. *Odyssey.* October: 22-24.

Knott, C. D. (2000). Orangutans in the wild. *Russian Geo.* August: 88-96.

Knott, C., G. Rieben and T. G. Laman. (1999). Sur les traces du gang des orangs. *Terre  
Sauvage.* 137 (March): 70-81.

Knott, C. D. (1998). Orangutans in the wild. *National Geographic Magazine.* August: 30-57.

Knott, C. D. (1998). Orangutans Tagebuch de Waldmenschen. *Geo.* November, pp. 76-94.

## TELEVISION AND VIDEO PRODUCTIONS

C. Knott and T. Laman. *Orangutans.* National Geographic Television. Explorer Journal  
Program. Aired on Aug 30, 1998.

Knott, C. D. (2002). Video on Orangutan Field Research in exhibit *Footsteps Through Time:  
Four Million Years of Human Evolution.* San Diego Museum of Man: San Diego, CA.

## COVERAGE IN UNIVERSITY AND POPULAR PRESSES, VIDEO AND RADIO

Steinbrenner, Corinne. (2011). Hormone Hunter. *College of Arts & Science Magazine*. Boston University. p. 10-17.

Video. (2011). National Science Foundation. Featured Project.  
[http://nsf.gov/discoveries/disc\\_summ.jsp?cntn\\_id=118528&org=NSF&preview=](http://nsf.gov/discoveries/disc_summ.jsp?cntn_id=118528&org=NSF&preview=)

Video. (2011). Featured on US News and World Report.  
<http://www.usnews.com/video/science/orangutans-in-the-mist>

Radio Interview. (2010). Canadian Broadcasting System program *Quirks and Quarks* regarding paper *Female reproductive strategies in orangutans, evidence for female choice and counterstrategies to infanticide in a species with frequent sexual coercion* published in *Proceedings of the Royal Society B*.

Lumry, A. and L. Hurwitx. (2007). *Adventures of Riley: Operation Orangutan*. Eaglemont Press: Bellevue, WA, 36 Pages.

Powell, A. (2007). Orangutan Research Yields Conservation Dividends. *Harvard University Gazette*. Harvard University. February 8-14, 2007.

Petrillo, L. (2003). *Orangutans find a friend*. San Diego Union, San Diego, CA. October 6, 2003.

Xu, R. (2003). *Professor Predicts Orangutan Extinction*. Harvard Crimson, Cambridge, MA. October 1, 2003.

Lumenello, S. (2003). Saving Gunung Palung: A Rainforest Marriage. *Colloquy, Alumni Quarterly*. Graduate School of Arts and Sciences, Harvard University. 2-10.

*Geo*. October, 1999. Gute Zeiten – Schlechte Zeiten.

Field Notes. (1997). *National Geographic Magazine*. January: 108-109.

LaFee, S. (1996). The Red Ape. *San Diego Union Tribune*. February 7, 1996.

## PROJECTS DIRECTED

2007 – Present      Comparative Orangutan Hormonal Project – *Inter-site comparison of female hormonal functioning and inter-birth intervals*. Participating sites include: Gunung Palung National Park in West Kalimantan, Sabangau Nature Reserve in Central Kalimantan, Tuanan Research Station in Central Kalimantan and Ketambe Research Station in Sumatra.

1992 – Present      *Gunung Palung Orangutan Project*. Cabang Panti Research Station, Gunung Palung National Park, Indonesia (Borneo). Research on orangutan reproductive ecology, behavioral ecology and socio-ecology with a focus on orangutan, great ape and human evolution. Project

personnel consists of 1 Field Director, 2 Research Assistants, 6 field assistants, 5 camp staff, 2 data entry people, 1 Indonesian Master's student and 2-3 Indonesian counterpart students.

*Topics/Data include:*

Orangutan interbirth intervals, female hormonal functioning and mating  
Hormonal, behavioral and energetic differences between males:

- bi-maturism and intra-sexual dimorphism in males
- Juvenile development, dependency and learning
- Sex differences in feeding behavior, nutritional intake and foraging
- Inter-population comparison of cultural behaviors and tool use
- GIS mapping, ranging patterns, and habitat use
- Socio-sexual behavior and hormonal correlates
- Orangutan social organization
- Genetic studies of paternity and relatedness
- Skeletal evidence of male-male competition
- Digestion and fecal analysis of juveniles vs. adults
- Infection, parasite load and medicinal plant use
- Habitat quality and orangutan densities
- Canopy locomotion and positional behavior
- Maternal behavior and energetics
- Orangutan nest and habitat surveys

2000 – Present

*Gunung Palung Orangutan Conservation Project/Yayasan Palung*, West Kalimantan, Indonesia. Project is responsible for enabling research to continue by helping to protect Gunung Palung National Park and the orangutans within it in through working closely with local communities and governments. Project employs 1 Administrator, 1 Field director and 16 Indonesian staff.

*Topics:*

- Environmental Education
- Conservation Awareness
- Alternative Livelihoods
- Community Forest Initiatives
- Habitat and Animal Protection
- Capacity Building

## **DATASETS CREATED**

*Orangutan Daily Focal Follows:* Dataset of over 1 million records, representing instantaneous samples of orangutan behavior, with 1770 fields associated with each record and 3050 fields of summary data. Data come from over 6579 focal follows on over 100 individual orangutans collected from 23 years.

*Nutrition Data:* Dataset on over 150 individual orangutan foods analyzed for calories and macro

and micronutrient content; 142 fields of information association with each sample.

*Phenology records:* Data set on 10 years of monthly fruit and flowering patterns from 1367 trees representing orangutan foods with 6427 fields of information associated with each tree.

*Fruit Data Master:* Dataset of 3764 records of individual fruit dissections. Each record has 488 fields containing information on weight, dimensions, etc.

*Orangutan Feeding Trees:* Data set of 55,312 records of trees fed on by orangutans. Each record contains 143 fields of information associated with each tree.

*OH Botanical Master:* Dataset of 956 species or morphotypes of foods fed on by orangutans with 968 fields of information pertaining to each species.

*Hormonal Records:* Dataset on urinary parameters and hormonal measures from over 3159 samples of orangutan urine. Each record has 283 associated fields.

## PHYSICAL COLLECTIONS

*Genetic Records:* Fecal, hair and tissue samples from over 100 individual orangutans.

*Dung and Urine Samples:* Over 5000 individual samples collected

*Skeletons:* 2 complete adult male skeletons, 2 complete female skeletons, and 1 female skull

*Fruit Samples:* Over 4000 samples collected

## TEACHING

2008–Present  
Boston University  
Courses Taught

### *Undergraduate*

Anthropology 102: *Human Biology, Behavior & Evolution*

Anthropology 263: *Behavioral Biology of Women*

Anthropology 335: *The Ape Within: Apes and the Evolution of Human Behavior*

Anthropology 554: *Human Reproductive Ecology*

Anthropology 558: *Human Sex Differences*

Anthropology 595: *Field and Laboratory Methods in Biological Anthropology*

Anthropology 597a: *Evolution of the Human Diet*

Anthropology 597b: *Evolution of the Human Family*

Anthropology 598: *Primate and Human Sexuality*

Women's, Gender and Sexuality Studies 102: *Introduction to Women's Studies*

### *Graduate*

Anthropology 735: *Ape Within Graduate Seminar*

Anthropology 902: *Behavioral Biology of Women Graduate Seminar*

1998–2008  
Harvard University  
Courses Taught

*Undergraduate:*

Anthropology 1380: *The Behavioral Biology of Women*

Anthropology 1415: *Primate Evolutionary Ecology: Research Seminar*

Anthropology 170: *The Behavioral Biology of Women Research Seminar*

Anthropology 239ar and 239br: *Advanced Laboratory Methods in Primate Endocrinology*

Anthropology 125: *Primate and Human Nutrition: Research Seminar*

Anthropology 235ar & 235br: *Laboratory Methods in Primate and Human Nutrition*

Anthropology 149: *Primate Nutrition and the Evolution of the Human Diet*

*Graduate*

Anthropology 267: *Current Issues in Reproductive Ecology: Graduate Seminar*

Anthropology 275: *Gender Issues in Biological Anthropology: Graduate Seminar*

Anthropology 2440: *Geographical Variation in Primate Ecology: Graduate Seminar*

Anthropology 284: *The Evolution of Human Parenting and Mating Strategies: Graduate Seminar*

Anthropology 204: *Ape and Human Sexuality: Graduate Seminar*

1998

Assistant Wing Tutor, Department of Anthropology, Harvard University.

1997

Teaching Fellow. Department of Anthropology, Harvard University.  
*Junior Tutorial: Urinary Assay Methods*

Teaching Fellow. Department of Anthropology, Harvard University.  
*Mini–Course on Urinary Assay Methods*

1995, 1996, 1997

Field Research Advisor to Indonesian Students. Gunung Palung National Park, Indonesia

1996

Teaching Fellow. Department of Anthropology, Harvard University.  
*Endocrinology & Behavior: Research Seminar*

1996

Teaching Fellow. Department of Anthropology, Harvard University.  
*Junior Tutorial: Conceptions of Sex and Gender in Science and Culture*

1993, 1994

Head Teaching Fellow. Department of Anthropology, Harvard

University. *Behavioral Biology of Women*

- 1992 Teaching Fellow. Department of Anthropology, Harvard University.  
*Junior Tutorial: Reconstructing Human Behavioral Evolution*
- 1992, 1991 Teaching Fellow. Department of Anthropology, Harvard University.  
*Human Behavioral Biology*
- 1991 Teaching Fellow. Department of Anthropology, Harvard University.  
*Physiology of Human Adaptability*
- 1989 Instructor. University of California, San Diego. Extension School.  
Instructor. Educational Growth Opportunities.  
Course: *Mummies, Mayhem and Miseries*
- 1988 – 1990 Assistant Education Coordinator. San Diego Museum of Man.
- 1985, 1986 Undergraduate Teaching Assistant. University of California, Davis.  
*Primate and Human Anatomy and Human Osteology.*

## PROFESSIONAL SERVICE

*Department of Anthropology, Boston University*

- 2015 Chair, Search Committee, Boston University, Biological Anthropology  
Faculty Position
- Undergraduate Curriculum Committee Member, Department of  
Anthropology
- 2014 Chair, Search Committee, Boston University, Biological Anthropology  
Faculty Position
- Undergraduate Curriculum Committee Member, Department of  
Anthropology
- 2013 Chair, Search Committee, Boston University, Biological Anthropology  
Faculty Position
- Undergraduate Curriculum Committee Member, Department of  
Anthropology
- 2011–2012 Search Committee Member, Boston University, Biological Anthropology  
Faculty Position
- Undergraduate Curriculum Committee Member, Department of

## Anthropology

Committee for granting a BA/MA in Medical/Forensic Anthropology

Committee for granting an undergraduate minor in Medical Anthropology

Panelist, Dialogues in Biological Anthropology

- 2010–2011 Undergraduate Committee Member, Department of Anthropology  
 Graduate Requirements Committee Member, Department of Anthropology  
 Moderator, Dialogues in Biological Anthropology, Fall 2011
- 2009–2010 Search Committee Member, Boston University, Biological Anthropology position  
 Undergraduate Committee Member, Department of Anthropology  
 Graduate Requirement Committee Member, Department of Anthropology
- 2008–2009 Search Committee Member, Boston University: Biological Anthropology position  
 Undergraduate Committee, Department of Anthropology, Boston University
- Boston University*
- 2013-2015 Committee Member, IACUC (Institutional Animal Care and Use Committee), Boston University
- 2011–2012 Search Committee Member, Boston University, Department of Archaeology
- 2014–2015 Academic Conduct Committee member  
 2008–2012
- 2008–2012 Participated in designing inter-disciplinary course for *Women's, Gender and Sexuality Studies Program*  
 Participating Instructor in Biology Department specialization in Behavioral Biology.  
 Member of WISE – Women in Science and Engineering



WIN (Women Networking) grantee and participant

Member of BUCSA – BU Center for the Study of Asia.

Guest Lecturer in Biology

*Outside Boston University*

- 1994–2015 Site Director. Cabang Panti Research Station. Gunung Palung National Park. Since 1994 I have been the primary investigator at this research site, including providing the primary funding. The site is used by researchers and scientists from Indonesia and around the world.
- 2007 Search Committee Member, Harvard University: Human Biology position in Biological Anthropology
- 2006 Search Committee Member, Harvard University: Evo–Devo position in Biological Anthropology and Organismic and Evolutionary Biology
- 2004 – 2006 Student–Faculty Judicial Board of Harvard College
- 2003 – 2005 Screening Committee of the Faculty of Arts and Sciences, Harvard University
- 2000–2002 Academic Consultant. *Footsteps through Time: 4 Million Years of Human Evolution Exhibit*. San Diego Museum of Man. Funded by the National Science Foundation for \$2,000,000
- 1994–2003 Co–Manager, Asst. Director, Director. Cabang Panti Research Station, Gunung Palung National Park, Indonesia.
- 1993–1994 Steering Committee Member. Graduate School of Arts and Sciences Women's Group. Harvard University.
- 1992 Graduate Student Member. Assistant Professor Search Committee, Department of Anthropology, Harvard University.
- 1991–1993 Coordinator. Biological Anthropology weekly lecture series, Harvard University.
- 1989 Registration Coordinator, Annual Meeting of the American Association of Physical Anthropologists, San Diego, CA.
- 1988–1990 Assistant Education Coordinator, San Diego Museum of Man, CA.

*Journal/Grant Referee*

American Journal of Human Biology  
American Journal of Primatology  
American Journal of Physical Anthropology  
Animal Conservation  
Balikpapan Orangutan Society  
Behavioral Ecology  
Behavioral Ecology and Sociobiology  
Biological Conservation  
Biological Journal of the Linnean Society  
Biologist  
Biology and Physiology  
Biotropica  
Conservation Physiology  
Current Biology  
Frontiers in Zoology  
Harvard University Press  
International Journal of Primatology  
Journal of Applied Ecology  
Journal of Human Evolution  
Journal of Tropical Ecology  
L.S.B. Leakey Foundation  
Lincoln Park Zoo Conservation Fund  
Nacey Maggioncalda Foundation  
National Geographic Society  
National Science Foundation  
New York Annals  
PLoS ONE  
Primate Conservation International  
Primates  
Proceedings of the Royal Society  
Scientific Reports  
Springer Publishing/Developments in Primatology  
Stress  
Tropical Conservation Science

**PROFESSIONAL SOCIETY MEMBERSHIPS**

American Anthropological Association  
American Association of Physical Anthropologists  
Human Biology Council  
American Society of Primatologists  
International Primatological Association  
Human Behavior and Evolution Society

## **LANGUAGES & SPECIAL SKILLS**

Conversational fluency in Indonesian and Spanish.

Twenty years of laboratory experience and protocol development using radioimmunoassay.

Twenty years laboratory training and expertise in nutritional biochemistry.