

CHERYL D. KNOTT

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EDUCATION & CURRENT POSITIONS

Present Associate Professor, Department of Anthropology, Harvard 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, San Diego Museum of Man

Scientific Advisory Board Member, Balikpapan Orangutan Society

Scientific Advisory Board Member, Orangutan Conservancy

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

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

2007 National Science Foundation "Understanding the Role of Ecology in Orangutan Reproduction"
National Science Foundation (co-PI with Dominey and Vogel) - "Factors Affecting Geographic Variation in Orangutan Diet"
Busch Gardens
National Geographic Society
US Fish and Wildlife Great Ape Conservation Fund
Conservation, Food and Health Foundation
Harvard Research Enabling Grant

Woodland Park Zoo
Feyerabend Foundation
The Orangutan Conservancy
Wildlife Conservation Network

2006 Houston Zoo
The Orangutan Conservancy
Conservation, Food and Health Foundation
Woodland Park Zoo
Wildlife Conservation Network

2005 National Geographic Society
Milton Fund
Balikpapan Orangutan Society-USA
Woodland Park Zoo
Wildlife Conservation Network
Houston Zoo
US Fish and Wildlife Service
Conservation, Food and Health Foundation

2004 L.S.B. Leakey Foundation
Woodland Park Zoo
Balikpapan Orangutan Society-USA
Woodland Park Zoo
Wildlife Conservation Network
US Fish and Wildlife Service
Conservation, Food and Health Foundation

2003 Conservation, Food and Health Foundation
Margot Marsh Biodiversity Fund
Balikpapan Orangutan Society-USA

2002 L.S.B. Leakey Foundation
Conservation, Food and Health Foundation
Conservation International
Margot Marsh Biodiversity Fund
Balikpapan Orangutan Society-USA
Hooten Fund
Cooke Fund

2001 National Geographic Society
National Geographic Society
US Fish and Wildlife Service
US Fish and Wildlife Service
Balikpapan Orangutan Society-USA
Cooke Fund

2000 LSB Leakey Foundation
Conservation, Food, and Health Foundation

- Balikpapan Orangutan Society-USA
- 1999* Balikpapan Orangutan Society-USA
Primate Conservation International
Atlanta Zoo
Cooke fund
- 1998* Conservation Food and Health Foundation Grant
Balikpapan Orangutan Society-USA
- 1997* Chairman's Award, National Geographic Society
American Society of Primatologists - Graduate Student Prize
American Association of Physical Anthropologists - Sherwood Washburn
Graduate Student Prize
National Geographic Society
National Geographic Society
- 1996* Cora DuBois Fellowship for Dissertation Completion
Mellon Foundation Fellowship for Dissertation Completion
L.S.B. Leakey Foundation General Grant
National Geographic Society Grant in Aid of Research
- 1995* National Science Foundation Dissertation Grant
- 1994* Wenner-Gren Foundation Pre-doctoral Grant
Frederick R. Sheldon Traveling Fellowship
National Geographic Society Grant in Aid of Research
Mellon Foundation Dissertation Research Grant
L.S.B. Leakey Foundation General Grant
- 1993* Department of Anthropology, Harvard University,
Grant for Laboratory Research
- 1992* Mellon Foundation Grant for Summer Research
Explorer's Club Grant for Exploration and Research
Sigma Xi Research Grant
Graduate Student Council Summer Research Award
Department of Anthropology, Harvard University,
Conference Travel Grant
- 1991* Department of Anthropology, Harvard University, Grant for research at
the Center for the Reproduction of Endangered Species
Department of Anthropology, Harvard University,
Conference Travel Grant
- 1990, 1991* Ann and Gordon Getty Prize Fellowship for doctoral research - tuition
- PROFESSIONAL APPOINTMENTS/ACTIVITIES**
- 2007* Search Committee Member: Human Biology positions in Biological

Anthropology

- 2006 Search Committee Member: Evo-Devo positions 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
- November 1-2, 2002 Conference Organizer. *Saving the Last Wild Orangutans: Current Perspectives on Orangutan Conservation and Research*. 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.
- 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.

RESEARCH EXPERIENCE

- 1998-present Research on orangutan reproductive ecology, behavioral ecology and socioecology in Gunung Palung National Park, West Kalimantan, Indonesia (Borneo) with a focus on orangutan, great ape and human evolution.

Topics/Data include:

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

- 1994-1997 Dissertation research on orangutan reproductive ecology, Gunung Palung National Park, West Kalimantan, Indonesia (Borneo).
- 1993 Development of urinary hormonal assays in the Reproductive Ecology Laboratory, Department of Anthropology, Harvard University.
- 1992 Preliminary field studies on orangutan reproductive ecology. Gunung Palung National Park, Indonesia.
 Preliminary field studies on chimpanzee reproductive ecology. Kibale Forest, Uganda.
- 1991 Hormonal Profiles during Pregnancy in Captive Siamangs. Center for Reproduction of Endangered Species, San Diego Zoo. Supervised by Nancy Czekala.

SCIENTIFIC PUBLICATIONS

In Press:

- Emery Thompson, M. and Knott, C. D. (in press). Urinary C-peptide of insulin as a non-invasive measure of energy balance in wild orangutans. *Biology of Reproduction*.
- Knott, C. D., M. E. Thompson and S. A. Wich. (in press). The Ecology of Reproduction in Wild Orangutans. in *Orangutans Compared: Ecology, Evolution, Behaviour and Conservation*. Edited by: S. A. Wich, S. S. Utami, T. Mitra Setia and C. van Schaik.
- Singleton, I., S. Wich, C. van Schaik and C. D. Knott. (in press). Ranging behavior and social organization of orangutan females in *Orangutans Compared: Ecology, Evolution, Behaviour and Conservation*. Edited by: S. S. U. S. A. Wich, T. Mitra Setia and C. van Schaik.
- Morrogh-Bernard, H. C., S. J. Husson, C. D. Knott, M. Ancrenaz, T. Kanamori, N. Kuze, I. Lackman-Ancrenaz, A. J. Marshall, M. van Noordwijk, C. P. van Schaik and S. A. Wich. (in press). Orangutan Activity Budgets: A comparison between species, populations and habitats. in *Orangutans Compared: Ecology, Evolution, Behaviour and Conservation*. Edited by: S. S. U. S. A. Wich, T. Mitra Setia and C. van Schaik.
- Utami Atmoko, S. S., T. Mitra Setia, C. P. van Schaik, M. Ancrenaz, B. Goossens, C. D. Knott and H.

C. Morrogh-Bernard. (in press). Mating strategies. in *Orangutans Compared: Ecology, Evolution, Behaviour and Conservation*. Edited by: S. S. U. S. A. Wich, T. Mitra Setia and C. van Schaik. .

Russon, A., S. Wich, M. Ancrenaz, T. Kanamori, C. Knott, N. Kuze, H. Morrogh-Bernard, P. Pratje, H. Ramlee, P. Rodman, K. Sidiyasa, I. Singleton and C. van Schaik. (in press). Geographic variation in orangutan diets. in *Orangutans Compared: Ecology, Evolution, Behaviour and Conservation*. Edited by: S. S. U. S. A. Wich, T. Mitra Setia and C. van Schaik. .

Hardus, M. E., A. R. Lameira, I. Singleton, H. Morrogh-Bernard, C. D. Knott, M. Ancrenaz, S. S. Utami-Atmoko and S. A. Wich. (in press). A description of the orangutan vocal and sound repertoire: with a focus on geographical variation. in *Orangutans Compared: Ecology, Evolution, Behaviour and Conservation*. Edited by: S. S. U. S. A. Wich, T. Mitra Setia and C. van Schaik. .

Anderson, H., M. Emery Thompson, C. Knott and L. Perkins. (in press). Fertility and mortality patterns in captive Bornean and Sumatran orangutans: Is there a species difference in life history? *Journal of Human Evolution*.

Crofoot, M. C. and C. D. Knott. (in press). What we do and don't know about orangutan male dimorphism. in *Great and Small Apes of the World Volume II: Orangutans and Gibbons*. Edited by: B. M. F. Galdikas, N. Briggs, L. K. Sheeran and G. L. Shapiro. Kluwer.

Published:

Knott, C. D. and S. Kahlenberg. (2006). Orangutans in perspective: Forced copulations and female mating resistance. in *Primates in Perspective*. Edited by: S. Bearder, C. J. Campbell, A. Fuentes, K. C. MacKinnon and M. Panger. Oxford University Press: Oxford, 290-305.

Conklin-Brittain, N. L., C. D. Knott and R. W. Wrangham. (2006). Energy intake by wild chimpanzees and orangutans: Methodological considerations and a preliminary comparison. in *Feeding Ecology in Apes and Other Primates*. Edited by: G. Hohmann, M. Robbins and C. Boesch. Cambridge University Press: Cambridge,

Knott, C. D. (2005). Radioimmunoassay of estrone conjugates from urine dried on filter paper. *American Journal of Primatology*. 67: (1) 121-135.

Knott, C. D. (2005). Energetic responses to food availability in the great apes: Implications for Hominin Evolution. in *Primate Seasonality: Implications for Human Evolution*. Edited by: D. K. Brockman and C. P. van Schaik. Cambridge University Press: Cambridge, 351-378.

Johnson A, Knott C, Pamungkas B, Pasaribu M, Marshall A. (2005). A survey of the orangutan *Pongo pygmaeus pygmaeus* population in and around Gunung Palung National Park, West Kalimantan, Indonesia based on nest counts. *Biological Conservation*. 121:495-507.

Knott C. 2004. Orangutans: The largest canopy dwellers. In: Lowman MD, Rinker HB, editors. *Forest Canopies*. Second ed. San Diego: Academic Press. p 322-324.

van Schaik, C. P., M. Ancrenaz, G. Borgen, B. Galdikas, C. Knott, I. Singleton, A. Suzuki, S. Utami and M. Merrill. (2003). Orangutan cultures and the evolution of material culture. *Science*. 299: 102-105.

- Felton, A. M., L. M. Engstrom, A. Felton and C. D. Knott. (2003). Orangutan population density, forest structure and fruit availability in hand-logged and unlogged peat swamp forests in West Kalimantan, Indonesia. *Biological Conservation*. 114: 91-101.
- Conklin-Brittain, N. L., C. Knott and R. Wrangham. (2001). *The feeding ecology of apes*. The Apes: Challenges for the 21st Century. Edited by: Brookfield Zoo, Chicago, IL. 167-174.
- Knott, C. D. (2001). Female reproductive ecology of the apes: implications for human evolution. in *Reproductive Ecology and Human Evolution*. P. Ellison. Aldine de Gruyter: New York, 429-463.
- van Schaik, C. and C. D. Knott. (2001). Geographic variation in tool use on *Neesia* fruits in Orangutans. *American Journal of Physical Anthropology*. 11: 331-342.
- Knott, C.D. (2000a). Book Review: Foraging for Survival (by Stuart Altmann). *Primate Science On-line*.
- Knott, C. D. (1999c). Gunung Palung orangutan food list. in *Orangutan Action Plan*. Edited by: C. Yeager. World Wildlife Fund: Jakarta, Indonesia, 21-26.
- Knott, C. D. (1999b). *Reproductive, Physiological and Behavioral Responses of Orangutans in Borneo to Fluctuations in Food Availability*. Ph.D. Thesis. Harvard University.
- Knott, C. D. (1999a). Orangutan Behavior and Ecology. in *The Nonhuman Primates*. Edited by: P. Dolhinow and A. Fuentes. Mayfield Press: Mountain View, CA, 50-57.
- Knott, C. D. (1998b). Changes in orangutan diet, caloric intake and ketones in response to fluctuating fruit availability. *International Journal of Primatology*. 19:(6) 1061-1079.
- Laman, T. G. and C. D. Knott. (1997). An observation of leopard (*Panthera pardus* Linnaeus) mating behavior in Serengeti National Park, Tanzania. *African Journal of Ecology*. 35: 165-167.
- Laman, T. G., J. L. Burnaford and C. D. Knott. (1997). Bornean Ground-cuckoo observations in Gunung Palung National Park, West Kalimantan. *Kukila: Bulletin of the Indonesian Ornithological Society*. 9: 183-185.
- Setiawan, E., C. D. Knott and S. Budhi. (1996). Preliminary assessment of vigilance and predator avoidance behavior of orangutans in Gunung Palung National Park, Indonesia. *Tropical Biodiversity*. 3:(3) 269-279.
- Knott, C. D. (1996b). Field collection and preservation of urine in orangutans and chimpanzees. *Tropical Biodiversity*. 4(1): 95-102.

SELECTED PAPERS PRESENTED/PUBLISHED ABSTRACTS

April 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.

June, 2006

Forced Copulations and Coercion in Bornean Orangutans (with R. Stumpf, S. Kahlenberg and M. Emery Thompson). International Society of Primatologists Annual Meeting. Entebbe, Uganda.

Female-Female Competition in Bornean Orangutans (with S. White, S. Kahlenberg and T. Snaith). International Society of Primatologists Annual Meeting. Entebbe, Uganda.

Comparative Mating Strategies of Chimpanzees and Orangutans (with R. Stumpf). International Society of Primatologists Annual Meeting. Entebbe, Uganda.

The Ecology of Reproduction in Wild Orangutans (with M. Emery Thompson and S. Wich). International Society of Primatologists Annual Meeting. Entebbe, Uganda.

Dietary and Ranging Responses of Orangutans to Fluctuating Food Availability (with T. Snaith, S. Wich, and I. Singleton). International Society of Primatologists Annual Meeting. Entebbe, Uganda.

Geographic Variation in Orangutan Diet (with A. Russon, S. Wich, M. Ancrenaz, R. Hatta, S. Husson, P. Pratje, P. Rodman & C. van Schaik). International Society of Primatologists Annual Meeting. Entebbe, Uganda.

Growing up slowly? Development in Sumatran and Bornean orangutans (with M. van Noordwijk, S. Wich, and S. Utami Atmoko). International Society of Primatologists Annual Meeting. Entebbe, Uganda.

April, 2004

The Energetic Cost of Arboreal Motherhood in Orangutans: Effects on the Inter-birth Interval. American Association of Physical Anthropologists Annual Meeting. Tampa, FL.

April, 2003

Integrating research and education for orangutan conservation in Gunung Palung National Park, Indonesia (with E. Hill, A. Johnson and J. Harting). American Association of Physical Anthropologists Annual Meeting. Tempe, AZ.

November, 2002

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

Melding Orangutan Research and Conservation: Approaches from Gunung Palung, Saving the Last Wild Orangutans Symposium, Harvard University, Cambridge, MA.

- June, 2002* *Fatty acid profiles of orangutan (Pongo pygmaeus) foods as determined by gas-liquid chromatography: cambium, seeds and fruit* (with J. A. Heller, N. L. Conklin-Brittain, L. L. Rudel, M. D. Wilson and J. W. Froehlich. American Society of Primatologists Annual Meeting. Oklahoma City, OK.
- June, 2001* *The Gunung Palung Orangutan Project. Orangutan Reintroduction and Protection: Perspectives at 10 years.* Balikpapan, Indonesia.
- April, 2001* *A Natural History of Orangutans. Great Apes at the Threshold: Implications for Law, Ethics, Conservation and Science.* Boston, MA.
- March, 2000* *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.
- November, 1998* *Orangutan Reproductive Ecology*, Keynote Speaker, Southern California Primate Forum, University of California, Los Angeles, CA.
- November, 1998* *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* *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.
- April, 1998* *Orangutan Cultures?* (with C. P. van Schaik). American Association of Physical Anthropologists Annual Meeting. Salt Lake City, UT.
- September, 1997* *Orangutan Reproduction and Socio-ecology.* Anthropology Day Symposium. Harvard University
- June, 1997* *Interactions between energy balance, hormonal patterns and mating behavior in wild Bornean orangutans (Pongo pygmaeus).* American Society of Primatologists Annual Meeting. San Diego, CA.
- April, 1997* *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.
- August, 1996* *Changes in orangutan diet, caloric intake and ketones in response to fluctuating fruit availability.* Joint Congress of the American Society of Primatologists and the International Primatological Association. Madison, WI.
- August, 1996* *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* *Monitoring health status of wild orangutans through field analysis of urine.* American Association of Physical Anthropologists Annual Meeting. Durham, North Carolina.
- March, 1995* *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* *Monitoring of hormonal profiles of free-ranging chimpanzees (Pan troglodytes) and orangutans (Pongo pygmaeus).* Ecological Society of America Annual Meeting. Madison, WI.
- April, 1993* *Hormonal profiles of the captive siamang (Hylobates syndactylus).* American Association of Physical Anthropologists Annual Meeting. Toronto, Canada.
- April, 1992* *Age- and cycle-phase related changes in salivary androgens of women of reproductive age.* American Association of Physical Anthropologists Annual Meeting. Las Vegas, NV.
- April, 1990* *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.

JOURNAL/GRANT REFEREE

American Journal of Human Biology
 American Journal of Primatology
 American Journal of Physical Anthropology
 Balikpapan Orangutan Society
 Biological Conservation
 Biological Journal of the Linnean Society
 Biotropica
 International Journal of Primatology
 Journal of Human Evolution
 Journal of Tropical Ecology
 L.S.B. Leakey Foundation
 Lincoln Park Zoo Conservation Fund
 National Geographic Society
 National Science Foundation
 Primate Conservation International
 Primates

Stress

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

TEACHING

1998-Present Professor. Anthropology 1380: *The Behavioral Biology of Women*
 Professor. Anthropology 2440: *Geographical Variation in Primate Ecology: Graduate Seminar*
 Professor. Anthropology 2452: *The Evolution of the Human Family*
 Professor. Anthropology 1415: *Primate Evolutionary Ecology:*

Research

Seminar

Professor. Anthropology 284: *The Evolution of Human Parenting and Mating Strategies: Graduate Seminar*
 Professor. Anthropology 170: *The Behavioral Biology of Women Research Seminar*
 Professor. Anthropology 239ar and 239br: *Advanced Laboratory Methods in Primate Endocrinology*
 Professor. Anthropology 204: *Ape and Human Sexuality: Graduate Seminar*
 Professor. Anthropology 125: *Primate and Human Nutrition: Research Seminar*
 Professor. Anthropology 235ar & 235br: *Laboratory Methods in*

Primate

and Human Nutrition

Professor. Anthropology 149: *Primate Nutrition and the Evolution of the Human Diet*
 Professor. Anthropology 267: *Current Issues in Reproductive Ecology: Graduate Seminar*
 Professor. Anthropology 275: *Gender Issues in Biological*

Anthropology:

Graduate Seminar

1998

Assistant Wing Tutor

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.*

LANGUAGES & SPECIAL SKILLS

Conversational fluency in Indonesian and Spanish.
 Fifteen years of laboratory experience and protocol development using radioimmunoassay.
 Fifteen years laboratory training and expertise in nutritional biochemistry.

POPULAR ARTICLES/OUTREACH

Consultant and Featured in: *The Adventures of Riley: Operation Orangutan*

Guest Exhibit Curator. *Orangutans: The Red Apes of Borneo.* (scheduled for 2008). San Diego Museum of Man.

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. (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.
- Knott, C. D. (2001). People of the forest — Borneo's wild orangutans. *Odyssey*. October: 22-24.
- Knott, C., G. Rieben and T. G. Laman. (1999). Sur les traces du gang des oranges. *Terre Sauvage*. 137 (March): 70-81.
- Knott, C. D. (1998). Orangutans in the wild. *National Geographic Magazine*. August: 30-57.
- Orangutans*. National Geographic Television. Explorer Journal Program. Aired on Aug 30, 1998. Video shot by C. Knott and T. Laman.

INVITED PUBLIC LECTURES

- 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, California
- March, 2002* *The Evolution of Human Parenting.* Harvard University, Cambridge, MA.
- 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.