



ONE WORLD,

ONE MEDICINE,

ONE HEALTH

One Health Intellectual Exchange

Weekly Discussions / Course: Philosophy to Practical Integration of Human, Animal and Environmental Health

A weekly discussion series, sponsored by the **North Carolina One Health Collaborative** within the NCBC IEG Program to enhance collaborations between physicians, veterinarians, researchers and other local/global/environmental health professionals by increasing public awareness of the interconnectedness of people, animals and the environment.

(Available each spring for credit if desired)

15th 2013 Weekly Session - Tuesday, April 16
5:30 – 7:30 p.m.

The Ape Research Consortium: Protecting Human and Nonhuman Ape Health and Welfare

(One Health, Evolutionary Anthropology and Cognitive Neuroscience)

Brian Hare, PhD, Duke University Institute for Brain
Sciences

Meets Tuesdays, 5:30 – 7:30 p.m. at the North Carolina Biotechnology Center
15 T.W. Alexander Drive Research Triangle Park, NC 27709

Directions: www.ncbiotech.org/directions

Suggestions? Ideas? Contact Cheryl Stroud, Steering Comm. Chair cms7earth@gmail.com

Add yourself to the listserv with Listserv Manager Liz Selisker, liz_selisker@ncsu.edu

For Speaker Bio's, Suggested Readings, Cancellation notices and additional background

<http://nconehealthcollaborative.weebly.com/index.htm>

<http://onehealtheducation.blogspot.com/>

For more information on the course option contact: Course TA Anne Stine anne.stine@duke.edu

Mamie Harris at UNC msharris@med.unc.edu

Chris Woods at Duke chris.woods@duke.edu

At NCSU Barrett Slenning barrett_slenning@ncsu.edu or Suzanne Kennedy-Stoskopf
suzanne_stoskopf@ncsu.edu





Dr. Brian Hare is associate professor of evolutionary anthropology at Duke University and a member of the Center for Cognitive Neuroscience, which is a division of the Duke Institute for Brain Sciences. He received his Ph.D. from Harvard University, founded the Hominoid Psychology Research Group while at the Max Planck Institute for Evolutionary Anthropology in Leipzig, Germany, and subsequently founded the Duke Canine Cognition Center when arriving at Duke University. He recently published The New York Times Bestselling book *The Genius of Dogs* with his wife Vanessa Woods. He is also the founder and Chief Scientific Officer of the citizen science company *Dognition.com*.

The Ape Research Consortium: Protecting Human and Nonhuman Ape Health and Welfare

A number of diseases are known to have been transmitted from nonhuman apes to humans. Thousands of apes are being killed, butchered and eaten in their habitat countries each year. Infant apes are being sold as pets to expats living in Africa as well as being sold on the international black market. There is increasing demand for ape meat and infants internationally - particularly in the Middle East and China. Now more than ever there is tremendous potential for zoonotic disease transmission between human and nonhuman apes. Dr. Hare will discuss how a consortium of researchers working with apes in zoos, Africa orphanages, and wild populations are organizing to combat the "bushmeat" trade and protect human and nonhuman ape health. We will discuss how the Ape Research Consortium www.aperesearch.org will provide world class research opportunities while protecting against the next pandemic and helping to save remaining wild ape populations.

Suggested Readings:

The following readings are relevant to tonight's discussion and shed light on the following:

- Explain indirectly why Dr. Hare works in African sanctuaries
- Explain the disease he is in need of help with! EMCV is killing their bonobos!
- Explain the public health risk of the bushmeat trade

1. Wobber V, Hare B (2011) **Psychological Health of Orphan Bonobos and Chimpanzees in African Sanctuaries**, June 7, 2011. PLoS ONE 6(6): e17147.
doi:10.1371/journal.pone.0017147
<http://www.plosone.org/article/info:doi/10.1371/journal.pone.0017147>
2. Jone P, Cordonnier N, Mahamba C, Burt FJ, Rakotavao F, Swanepoel R, Andre C, Dauger S, Kassimi LB, **Encephalomyocarditis virus mortality in semi-wild bonobos (Pan panicus)**, J Med Primatol 40 (2011) 157–163. doi:10.1111/j.1600-0684.2010.00464.x
<http://www.ncbi.nlm.nih.gov/pubmed/21323673>
3. Smith KM, Anthony SJ, Switzer WM, Epstein JH, Seimon T, et al., **Zoonotic Viruses Associated with Illegally Imported Wildlife Products**, Jan 10, 2012, PLoS ONE 7(1): e29505.
doi:10.1371/journal.pone.0029505
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0029505>
4. Also see attached a PDF of the 2011 Newsletter for the Les Amis Des Bonobos Du Congo to get a close look at ongoing work with Bonobos. Don't miss it! Annual Reports from previous years are available at <http://www.friendsofbonobos.org/sanctuary.htm>

Additional readings pertinent to tonight's session may be found at www.aperesearch.org

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<http://www.facebook.com/pages/North-Carolina-One-Health-Collaborative/300163350109335?ref=stream>**

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