



## A Message from the President...



Season's greetings ASP! This is a busy time of year for everyone and I just want to take a few minutes of your time to update you on some of the

things that are happening with ASP, and IPS as well.

The Program and Local Arrangements committees are hard at work in preparation for ASP 2005 in Portland, OR. Most of the essential information concerning the conference will appear later in this Bulletin, but I would like to highlight a few things. First, we will have an outstanding lineup of featured addresses, including two presentations by Distinguished Primatologist Award winners – Don Lindburg and Jim Sackett, a talk by ASP past-President John Capitanio, and a featured talk from Bill Hopkins. The committees are also

in the process of putting together a genomics symposium, a reproductive tract biology pre-meeting symposium, and a teacher's workshop (under the auspices of the Education committee). In conjunction with the reproductive tract biology symposium and courtesy of the Oregon National Primate Research Center, we will have some extra money this year to support student travel to the meeting. If you are a student, please pay special attention to the student travel portions of the announcement. We also have some money from John Wiley & Sons, the publisher of AJP, to support student travel. I hope you will all consider submitting your best work for presentation at the meeting in Oregon.

While on the subject of primatology meetings, I would like to make sure that you are aware that the International Primatological Society's XXIst Congress is scheduled for June 27-30, 2006 in Entebbe, Uganda. I hope you will all begin thinking about how you can attend the Congress in this most

primate-relevant venue. ASP is going to play a pivotal role in how attendees interface with the Congress organizers. Specifically, the Congress registration and abstract submission process for the IPS Congress will be adapted from the ASP technology for these functions. This is good for you for at least two reasons. First, you will benefit from the efficient, user friendly technology that Nancy Capitanio has developed for

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**Look inside for important information on the 2005 meetings!**



## REMEMBRANCES OF MEETINGS PAST



“Who wants to be a macaque?” Well, according to Rhesus Philbin (aka Steve Schapiro), that honor should be reserved for ASP's most elite in 2000: outgoing President, Nancy Caine, and new President, John Capitanio. The banquet at the meeting in Boulder provided some interesting entertainment, and we got to see how two of our now Past Presidents would look if they were to actually morph into macaques. That thin Rocky Mountain air does interesting things to the mind.

The meeting was hosted by Mark Laudenslager, and held at the Regal Harvest House, June 21-24. Except for the hail and the brief appearance of a tornado, the weather and the venue were great. There were marmots

in Rocky Mountain National Park, and macaques at the Denver Zoo.

Primate conservation was, as always, a big winner at the meeting. The silent auction brought in \$4500, and another \$800 was collected during the “Who wants to be a macaque?” show.

## NOTES FROM THE PROGRAM COMMITTEE

The Program committee continues to work very hard. You will be receiving the call for abstracts by email very shortly. Please pay close attention to these two deadlines.

January 17, 2005 is the deadline for organizers of symposia, workshops, roundtables, and pre- and post-conference activities to submit a proposal. Please send a title, a list of participants and organizers, and a short summary of what your group intends to discuss or contribute to the meeting.

February 14, 2005 is the deadline for all abstracts: individual, symposia, roundtables, workshops during the conference, and pre- and post-conference workshops). This is the deadline for submission of an online abstract and the receipt of mail in abstracts. If you have any questions or concerns please contact Larry Williams [lwilliams@usouthal.edu or (251) 460-6293] or Peter Judge [pjjudge@bucknell.edu or (570) 577-1339]. Please note that, just as in previous years, the meeting registration fee must be paid at the time of abstract submission. These fees are not refundable.

Please be sure your membership dues are up-to-date before you register on-line or by mail if you intend to pay the reduced fee for ASP members. Go on-line at [www.asp.org](http://www.asp.org) to update your membership. If you are not submitting an abstract or are a co-author or non-presenting author on an abstract, you may register at any time. However, be aware that the registration fee increases after the abstract deadline, i.e. after February 14, 2005.

*Continued from Page 1*

conference registration and abstract submission for ASP. You will therefore be unlikely to experience some of the problems that participants in recent IPS Congresses have experienced. Second, IPS will be leasing the technology from ASP, so there will be a direct economic benefit to ASP from the lease payments. Additional details concerning the IPS Congress will be appearing shortly and I will keep you apprised of critical details. Both Tammie Bettinger and I will be critical players in the process, with the abstract submission and review

process being coordinated by Tammie and the registration process going through my office. If you have any questions, please feel free to contact me.

One last point regarding the IPS Congress in Uganda – if you could send me an email that tells me the probability that you will be attending the 2006 IPS Congress, you can help facilitate the Congress planning process and help us to keep Congress-related costs low. So, if you could just email me and say:

There is a(n) \_\_\_\_% chance that I will attend IPS 2006 in Uganda that should be enough. Thanks a lot.

I am still working on some of the business and fundraising issues facing the Society. I haven't made much progress lately, but I am still looking for a more effective way for us to market our products (books and calendars) and to raise funds from entities other than ourselves. You have perhaps noticed that there is no ASP 2005 calendar. We lost money

on the 2004 calendar, and we will need to have a better business plan in place before we do another one. While I don't want to raise funds exclusively from ASP members, please remember that any purchases made at [amazon.com](http://amazon.com) through the link on the ASP webpage result in 5% of the amount paid coming to ASP. So, if you're buying through [amazon.com](http://amazon.com), try to go through the ASP link.

So, in the spirit of the holiday season, please continue your giving to primates and primatology. Whether it is your time, your money, or an opportunity for someone to collaborate with you on a great research project, let's continue to work together to further the goals of the American Society of Primatologists.

On behalf of ASP, have a healthy, peaceful, and safe holiday season.

*Steve Schapiro*

[sschapir@mdanderson.org](mailto:sschapir@mdanderson.org)



### FEATURED SPEAKERS SELECTED FOR THE PORTLAND, OR 2005 MEETINGS



We are fortunate to have four distinguished speakers for the 2005 Meeting. There will be not one but two talks by Distinguished Primatologists Award winners; Donald G. Lindburg (Zoological Society of San Diego) the 2003 recipient of the ASP Distinguished Primatologist Award and the 2004 recipient, Gene Sackett (Washington National Primate Center) both will speak. In addition, John Capitanio (University of California, Davis) will be featured as the most recent Past-President. Bill Hopkins (Yerkes National Primate Research Center) will deliver the keynote address. His work on brain asymmetries and handedness in great apes has furthered our understanding of the cognitive abilities of these species.



## AMAZON.COM EARNINGS FOR ASP

With the holidays coming up, don't forget to use the ASP website ([www.asp.org](http://www.asp.org)) to order from Amazon.com

**Here are our latest earnings:  
July 1, 2004 to  
September 30, 2004  
= TOTAL REF. FEES \$61.39**



## 2005 ASP RESEARCH AND DEVELOPMENT SMALL GRANT COMPETITION

The ASP Research and Development Committee is pleased to announce its 2005 Small Grant competition. Grant proposals are invited for general research projects, with preference given to funding for graduate student research, pilot projects, and innovations in animal care and research technology. Award amounts range from \$500 to \$1500, and will be for a period of one year. Please note that the deadline has been moved to January 16, 2005, and that no applications will be accepted after the deadline. Projects that are primarily focused on conservation, such as population surveys, should be submitted to the Conservation Committee, not to the Research Committee. Continue to check <http://www.asp.org/> [www.asp.org](http://www.asp.org) for application details. Further questions please contact either Dr. Karen Bales at <mailto:klbales@ucdavis.edu> or Dr. Lynn Fairbanks at <mailto:lfairbanks@mednet.ucla.edu>.

## A\*T\*T\*E\*N\*T\*I\*O\*N\*! ASP GRANT APPLICATION DEADLINE SET FOR EARLY DATE : JANUARY 16th, 2005.

The ASP Research & Development and Conservation Committees announce that the application deadline for the 2005 grants (both Research & Conservation) is JANUARY 16th, 2005.

Note that the date is set much EARLIER than in previous years. This decision was made to better facilitate our getting conservation grant money to the winners in time for the "summer" months - when many of these projects get underway. We regret any inconvenience this may cause; we suspect it will help more than hinder most applicants.

Conservation Grants will be awarded by late March, 2005, and Research & Development Grants will be awarded at the ASP meeting in August.

During November, we will upgrade the web site to provide full details of the revised grant application process. This information will also appear in various email announcements.

If you have any questions, please contact the Chairs of the two committees: Research & Development: Karen Bales ([klbales@ucdavis.edu](mailto:klbales@ucdavis.edu)) or Lynn Fairbanks ([lfairbanks@mednet.ucla.edu](mailto:lfairbanks@mednet.ucla.edu));

Conservation: Janette Wallis ([janettewallis@sbcglobal.net](mailto:janettewallis@sbcglobal.net)).

**ASP GRANTS DEADLINE : JANUARY 16th, 2005.**



## 2005 Call for Conservation Award Nominations and Grant Applications

**NOTE: This year, the grant proposal deadline is early: 16 JANUARY 2005**

Nominations for Conservation Awards and Grants are now being sought by the American Society of Primatologists' (ASP) Conservation Committee. These awards and grants, funded from the ASP Conservation Fund, are a mechanism to recognize deserving colleagues and students, including those from primate habitat countries - countries with native primate fauna - for whom the prestige of an ASP award or grant can be a valuable aid to the recipient's conservation efforts.

**Subscription Award:** This award provides the *American Journal of Primatology* to worthy individuals in habitat countries who otherwise may have little access to the scientific literature on nonhuman primates. Preference is given to individuals who will make the journal available for use by students and colleagues. The award is normally granted for a 5-year period. Recipients are requested to submit a brief report every two years summarizing the use of the journal. A nominating letter should describe the nominee's credentials and his/her primate-related activities, and should explain why the nominee deserves to receive high priority consideration. Deadline for Subscription Award nominations: May 15<sup>th</sup>, 2005.

### **Conservation Award (\$750):**

This award provides recognition and financial support for students and young investigators from habitat countries who demonstrate potential for making significant and continuing contributions to primate conservation. Those eligible include students, researchers, and educators from primate habitat countries for whom no more than five years have elapsed since receipt of their terminal degree. Nominators should provide the name, title and full mailing address of their nominee, along with a detailed statement about the nominee's qualifications for the award, focusing on past and potential contributions to primate conservation. A copy of the nominee's vita is requested. Supporting letters from other individuals acquainted with the nominee's work may be submitted. Past awards have been presented by U.S. Ambassadors or other senior officials, thereby obtaining favorable publicity for the award, its recipient, and primate conservation in the recipient's country. Deadline for Conservation Award nominations: May 15<sup>th</sup>, 2005.

**Conservation Small Grants (up to \$1,500):** Grant proposals are solicited for conservation research or related projects, including conservation education. ASP members working in habitat countries are especially urged to apply or to help someone from a habitat country submit a meaningful project which can be a portion of a larger effort. Grant application guidelines may be obtained by contacting the ASP Conservation Committee Chair at the address below or at (<http://www.asp.org/grants/conservationawards/ConsGrantApp2005.html>). Recipients of grants must agree to submit a brief report (maximum 1-2 pages, single spaced), in a form suitable for publication in the *ASP Bulletin*, to the chair of the ASP Conservation Committee within 6 months of completion of the project. **Deadline for Conservation Small Grants: JANUARY 16<sup>th</sup>, 2005.**

### **NEW THIS YEAR: Evaluation and Application Procedure**

#### **Conservation Small Grants:**

This year (and henceforth), the Conservation Committee will be making the Conservation Small Grant awards earlier than usual. This decision was made to better facilitate our getting conservation grant money to the winners in time for the "summer" months - when many of these projects get underway. The 2005 deadline for submission of grant proposals is **16<sup>th</sup> January, 2005**. Materials may be submitted online at the ASP web site ([www.asp.org](http://www.asp.org)) or sent as an email attachment to the Committee Chair ([janettewallis@sbcglobal.net](mailto:janettewallis@sbcglobal.net)). Grants will be announced in late March.

**Awards (Subscription & Conservation):** The Conservation Committee will make its recommendations for award recipients at the annual ASP meeting. Awardees will be informed following the meeting and their names will be published in the *ASP Bulletin* and posted on the ASP web page.

**Dr. Janette Wallis, Chair, ASP Conservation Committee, Department of Anthropology, University of Oklahoma, Norman, OK 73170, USA** -*Janette Wallis, Conservation Committee Chair.*

## LESSONS FROM PRIMATES

A review by Francine Dolins\* (<http://www.sciencemag.org/cgi/content/summary/306/5695/413>)

### Intelligence of Apes and Other Rational Beings

Duane M. Rumbaugh and David A. Washburn

Yale University Press, New Haven, CT, 2003. 344 pp. \$37.50, £29. ISBN 0-300-09983-5. Current Perspectives in Psychology.

“Just how does one listen to a chimpanzee?” This is one of the many nuanced questions Duane Rumbaugh and David Washburn address in *Intelligence of Apes and Other Rational Beings*. The best way to approach primate intelligence, they argue, is to study animals that are afforded opportunities to behave in contexts appropriate to their species, to surpass their immediate training and experience, and to demonstrate creativity and rational behavior. Observations of such animals provide the foundations for the theoretical framework, “rational behaviorism,” the authors offer as a new way to understand animal learning and cognition.

The idea that animals display rational behavior has a long history, which includes Darwin’s theory of continuity of traits among species. In the course of developing their own theory, the authors (primatologists at Georgia State University) provide an informative survey of this earlier work, from Descartes’s view that animals are senseless machines through behaviorist concepts to views currently held in comparative psychology.

Rational behaviorism posits that the intelligent, novel behaviors animals exhibit to achieve specific goals are not learned solely through experience, nor are they shown by all members of a species. Instead, some spontaneously emerge as dynamic responses, more than the sum of their parts, elicited by adaptive challenges. To Rumbaugh and Washburn, these behaviors “resist a conditioning explanation but seem to reflect animals’ natural and active inclination to seek predictive relations,” which they call “emergents.” The process by which behavioral patterns are altered to creatively solve novel problems and the question of how science interprets the origins of such behavior lie at the crux of the book.

According to the authors, Pavlov’s respondents (actions elicited by a stimulus) and Skinner’s operants (actions that produce a change in the environment) provide bases for emergents. But, in keeping with the authors’ perspective of animals as thinking beings, their concept extends well beyond that of the behaviorist’s stimulus-response bond. That contingency of associated events is crucial to learning has been agreed upon for nearly a century. However, the idea of emergents, which use relational learning while adhering to basic stimulus-response principles, reflects the flexibility inherent in organisms’ responses to ever-changing and challenging environments. In rational behaviorism, instead of learning only specific tasks, animals learn about tasks in relation to their own motivational states and internal goals. As the authors describe, Harlow’s learning-set experiments have shown that animals, particularly monkeys, can “learn how to learn” by deriving “hypotheses” or rules about the types of problems they encounter and then applying these to new classes of problems. In addition, captive animals will often work for food rewards but may not even consume those rewards (behavior referred to as “contrafreeloading”). In such situations, where is the reinforcer (the reward)? And what value does it possess in relation to traditional behaviorist views and in the proposed rational behaviorism?

In discussing links between other stimuli and the eliciting properties of the reinforcer, the authors rely on the principles of temporal contiguity and the attention to salient cues in the environment. In sensory preconditioning and other conditioning procedures, the animals do not learn only about the relation among associated temporal events. They also gain information about the types of reinforcers involved in the association as a class or system—knowledge with which they can potentially make relational inferences about novel combinations and novel stimuli. Rumbaugh and Washburn conclude that “the reinforcer essentially is but a salient stimulus that imparts its function in eliciting behavior to other salient stimuli” and that it functions “to inform organisms about contextual resources and how they can be accessed by certain kinds of behavior.” In light of this reevaluation of the role of the reinforcer, the authors reconfigure traditional behavioristic principles and thus lay out new challenges for the science of behavior.

Whether one views the flexibility of behavior as “gestaltist” insight or derived from experience—or falling somewhere along the continuum between them—one cannot deny the clever and unexpected responses to challenging situations that some animals have demonstrated. For example, the authors describe an accomplishment of Panzee, a female chimpanzee reared in a study of spontaneous learning. Panzee was shown where a few desired foods were hidden in the woods beyond her outdoor exercise yard. Through gesture and her use of a lexigram board



**Language student.** Panzee, a female chimpanzee (*Pan troglodytes*) shown here at age three years, and a bonobo (*P. paniscus*) were raised together in a study that examined their untutored mastery of word-lexigrams and their comprehension of human speech.

# Conservation Conversation



## Distribution and conservation of the Ha Tinh langur (*Trachypithecus laotum hatinhensis*) in Vietnam

Nguyen Manh Ha  
2001 ASP Conservation Grant Recipient

### INTRODUCTION

Vietnam has more than 25 species and subspecies of primate. Many of these taxa are both endemic to this country and endangered. Moreover, five of the top 25 critically endangered primates of the world are Vietnamese taxa: the Cat Ba langur (*Trachypithecus poliocephalus*), Delacour's Langur (*Trachypithecus delacouri*), the grey-shanked douc langur (*Pygathrix cinerea*), the Tonkin snub-nosed monkey (*Rhinopithecus avunculus*) and Eastern black crested gibbon (*Nomascus nasutus*).

The Hatinh langur (*Trachypithecus laotum hatinhensis*) is also one of the most endangered subspecies and faces extinction. This subspecies was once considered to have a widespread distribution in some North Central Vietnamese provinces. However, due to the increase of deforestation and hunting pressure, this subspecies can now only be found in some districts of Quang Binh province, in the Central region of Vietnam

### DISTRIBUTION

The langur was first described and named by Dao Van Tien. The named was formed as *Trachypithecus laotum hatinhensis* and this designation of the taxon has been followed (Pham Nhat, 2002; Nadler et al., 2003).

The langur was recorded to occur in Nghe An, Thanh Hoa province (Le Hien Hao, 1972). However there was no more information on this langur prior until early 1992, when Le Xuan Canh announced an evidence of this subspecies in Phong Nha, Quang Binh province. Additional specimens of the langur were collected in following years in

the same province. Our specimen of this subspecies was collected at Dai A, Phong Nha Nature Reserve in 1999. Another record of this langur in Con Cha Rang of Gia Lai province was announced by Lippold and Vu Ngoc Thanh (1995).

In the recent past it appears that the distribution of this subspecies ranged broadly from Nghe An to Quang Binh (Le Hien Hao, 1973). Primate research results in the Central region of Vietnam from 1998 by a number of scientists of our organisation show that the subspecies is now restricted Quang Binh (Minh Hoa, Bo Trach, Tuyen Hoa, Le Thuy, and Quanh Ninh districts). Present evidence suggests that this population is primarily distributed in Minh Hoa and Bo Trach Districts, where a vast primary forest exists in limestone ranges, particularly the areas within Phong Nha - Ke Bang National Park (Nguyen Manh Ha, 1999).

In total, 16 groups were recorded by the team in Phong Nha in 1998 and 1999; one group was observed at Kim Lu, Tuyen Hoa, and another was seen with unknown number of individuals at Cha Tum (Dan Hoa, Minh Hoa) and one other at Khe Dan (Kim Thuy, Le Thuy) in 2003. In total, 19 groups were observed in four different districts of Quang Binh Province. Additional recent surveys conducted by other researchers in Thanh Hoa, Nghe An, and Ha Tinh Provinces failed to find evidence of Ha Tinh Langur in these areas and our research conducted in 2003 in Quang Tri (Darkrong), Ha Tinh (Huong Son), and Nghe An Provinces (Pu Huong Nature Reserves and Pu Hoat Nature Reserves) also did not yield

evidence of the presence of this subspecies. We must conclude that in Viet Nam, Ha Tinh langurs are restricted to Quang Binh Province.

Nadler et al. (2003) reports that Ha Tinh langur also occur in the West of Khammouan Province of Laos PDR. This is quite reasonable because Phong Nha - Ke Bang share the same limestone range with Hin Namon of Laos.

### HABITAT AND SLEEPING SITES

As recognised by a number of authors these monkeys often inhabit limestone forests (Osgood, 1932; Dao Van Tien, 1989; Nadler et al., 2002). In fact, our research from 1998 shows the same fact. They can adapt well to these areas because they provide favorite foods and proper habitats (Nadler T. et al., 2003).

Our own observations show that their primary habitats are not completely dependent on the plant cover of the limestone forest. The langur often forage and move in open areas on limestone mountains or areas with forest completely covered (90%) such as Phong Nha, Kim Lu and Dan Hoa of Quang Binh Province. The fact that these monkeys do forage in open environments makes them fairly easy to observe. Total of 19 group sites for the langur appear to remain unchanged for many years if there is no disturbance or hunting, for instance, some groups in Tro Muong area, Phong Nha National Park have not changed their sleeping sites since 1998.

Sleeping sites are usually located in small caves in a limestone cliff or even in a big limestone cave. The cave can provide protection from rain during the wet season and cold



north wind in the winter (these area have strong effect of northern wind during winter). A cave is also good place to avoid their natural predators. Ha Tinh langurs seem to prefer cliffs facing west or southwest over those oriented in other directions (Tro Muong, Kim Lu, Dan Hoa, Hang En - Phong Nha). The vertical distance of sleeping caves from the ground is about 20m up to 50m; and the most remarkable aspect of a typical sleeping cave is orange or dark-yellow colour downward flowing patch below its entrance that is a result of urine and faeces that the langurs excrete at night. The colour always comes with a strong smell. The dark colour and strong smell are indicators that show how frequent the langur comes back and sleeps



there. Unfortunately, local hunters know this behaviour and they usually make use of it to access and illegally hunt Ha Tinh langurs.

The Ha Tinh langur is one of the most critically endangered primates in Vietnam due to continuously declining population. This sub-species is listed in Endangered (E) in Red Data Book of Vietnam and category DD in 2003 IUCN Red list of threatened animal. Like other primates in Vietnam the Ha Tinh langur faces two main threats:

Hunting: Ha Tinh langur is targeted by hunters in Minh Hoa, Bo Trach, and Tuyen Hoa districts in Quang Binh Province for wildlife trade purposes. The langur and its parts are being traded and used for traditional medicine such as “Balm” in English or “Cao Khi” in Vietnamese. However there is no information on the international trade or trade in living members of this sub-species. Hunting remains as the most serious threat to this langur’s existence. Despite being

illegal to hunt this animal throughout its range this illegal activity continues because hunters consider it an easy prey item. It is easily hunted due to its practice of returning to an easily identifiable sleeping site each night.

Habitat loss is the second main threat to the langur. This langur is heavily dependent on limestone forests however this habitat continuously declines and is becoming more and more fragmented. Establishing new roads or any deforestation within limestone landscape makes permanent barriers and further isolates the langur populations in these areas. This situation may well lead to inbreeding among the remaining langur groups due to the fact that they no longer have members migrating between adjacent groups because development and deforestation have isolated populations from one another.

### CONCLUSION

The Ha Tinh langur is an endemic primate to limestone landscape in The Central Annamite Mountains. The langur is a social animal living in groups; it is diurnal and arboreal creature; and their preferred habitat is the limestone forests in this region. In Vietnam the langur occurs only in limestone areas of five districts in Quang Binh province.

Wild population of this sub-species is declining due to hunting pressure and natural habitat lost. Suitable habitats for the langur are now restricted to limestone mountain forest in the five districts, the most important population and suitable habitat is located in Phong Nha – Ke Bang National Park, and this park is also the only protected area in which this creature exists.

### RECOMMENDATIONS

The Ha Tinh langur is one of the most threatened primates in Vietnam (Red data book of Vietnam), hence, appropriate programs to protect this langur are urgently needed, we would recommend that:

Illegal hunting this langur and other wildlife in this region be eliminated immediately and strict punishment be applied to those



participating in illegal hunting or trading not only for this langur and its parts but also for all illegal trade of wildlife;

- Phong Nha – Ke Bang National Park is the only protected area for this langur, therefore, any expansion for this park is also important in order to protect Hatinh langur and its habitat. The extended area should include limestone areas to the northwest region of the park;
- Conservation education campaigns for Ha Tinh langurs as well as wildlife conservation in this area is also essential in order for the people of this region to have good attitudes toward conservation;
- A detail study on ecology and behaviour for Hatinh langur should be promoted as well as continued studies of the threats on this taxon, to provide crucial information for long-term conservation of this langur in this area of Vietnam

### ACKNOWLEDGEMENTS

We would like to express our thanks to the Britain Primatology Society, American Primatology Society, and the Centre for Natural Resources and Environmental Studies who generously provided us funding for this research.

We also thank the Forest Protection Department of Vietnam, Provincial Forest Protection Departments of Quang Binh, Quang Tri, Nghe An, and Ha Tinh for providing access to field sites and assistance for our research team. And we also give thanks to friends, colleagues and the local people that helped in and provided us valuable information for the research.

Finally we thank Professor Herbert Covert of the University of Colorado, Boulder, USA for help in editing this document.

Continued from Page 4

(a keyboard with symbols for representing words and phrases), she recruited a person naïve to the task to go outdoors. Panzee then went out into her yard, from where she used gestures and vocalizations first to direct the person's attention to the locations of the hidden foods and subsequently to retrieve them for her benefit. These behaviors had neither been trained nor previously reinforced, and Panzee's manner of obtaining these hidden and distant foods was totally individual to her.

Although the book's focus is not restricted to primate studies conducted at Georgia State University's Language Research Center, that research forms a central strand in the authors' presentation of rational behaviorism. They recount early work with the chimpanzee Lana, and Rumbaugh's innovative use of the computerized lexigram board to empirically monitor linguistic responses—a productive approach that has been applied to explore animal language, cognition,

perception, and sensation in labs around the world. They also describe findings from studies of Kanzi, a bonobo that while very young learned to use the lexigram board without any training or reinforcement. (His comprehension of syntax is well established, whereas his production is somewhat limited.) These include results of spectrographic analyses of Kanzi's vocalizations reported only last year, and the findings provide an enticing view for future research on language.

**Language student.** Panzee, a female chimpanzee (*Pan troglodytes*) shown here at age three years, and a bonobo (*P. paniscus*) were raised together in a study that examined their untutored mastery of word-lexigrams and their comprehension of human speech. CREDIT: DUANE RUMBAUGH

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## WHITEHAIR, LEO ANTHONY

Of Rockville, MD passed away on Tuesday, November 2, 2004. He was the beloved husband for 46 years of Gloria M. Whitehair; loving father of Kirsten Goertz (husband, Harold), Rob Whitehair and Courtney McDonald (husband, Tim); loving brother of Margaret Kelley and Rosemary Crawford both of Salina, KS and William J. Whitehair of Abilene, KS; loving grandfather of Haley, Harrison and Hayden. The family will receive friends at PUMPHREY'S COLONIAL FUNERAL HOME, 300 West Montgomery Avenue (Rte 28 just off I-270, exit 6-A), Rockville, MD on Sunday, November 7, from 3 to 5 and 7 to 9 p.m. A Mass of Christian Burial will be offered at Holy Cross Catholic Church, 4900 Strathmore Ave., Garrett Park, MD 20896 on Monday, November 8, at 11 a.m. Entombment will be at Gate of Heaven Cemetery Mausoleum. In lieu of flowers contributions in his memory may be made to the Children's Inn at NIH, 9000 Rockville Pike, Bethesda, MD 20892. Please sign and view the Whitehair family guest book at [www.pumphreyfuneral-home.com](http://www.pumphreyfuneral-home.com). This ad appeared in The Washington Post on 11/5/2004.



### A REMEMBRANCE OF LEO A. WHITEHAIR

Leo was born on a farm in Kansas, and received his undergraduate BS degree and veterinary degree (in 1953) from Kansas State University. After serving in multiple positions with the Air Force starting in 1954, and receiving a MS degree in animal nutrition and a PhD degree in food science from the University of Wisconsin in 1962, he served as Lieutenant Colonel at the Atomic Energy Commission in Germantown, Maryland from 1962-1967.

Leo began his NIH career in 1967-1968, when he was selected for the prestigious Grants Associates Program. After the one-year internship, with rotations at various NIH divisions, the FDA, and the National Science Foundation, Leo began his service that would eventually span more than 3 decades with NCCR and its predecessor. He was named Director of Comparative Medicine in 1989, and despite soon thereafter being diagnosed with lymphoma, he ably served in this capacity until early 1999.

Leo has been honored with many awards, including: the American Society of Primatology's first Distinguished Service Award in 1994, he was named an honorary member of the American College of Laboratory Medicine in 1996, and he was named an Honorary Diplomate of the American Veterinary Epidemiology Society in 1998. In Leo's case, roots originating on a Kansas farm certainly grew and fed major lifelong interests and accomplishments in animals and their nutrition.

Leo and his NCCR coworkers provided the underlying support and helped produce many publications that still serve as basic references for research using a wide range of animal models, and which benefit many species of animals. These include many NCCR/NIH and NRC/NAS/ILAR publications (including the Cost Analysis and Rate Setting Manual for Animal Research Facilities, the NIH/NCCR/ARTI Survey of Animal Use, numerous revisions of the "GUIDE" [The Guide for the Care and Use of Laboratory Animals], Chimpanzees in Research, Psychological Well Being of Nonhuman Primates, Microbial and Phenotypic Definition of Rats and Mice, and Nutrient Requirements of Nonhuman Primates). These publications, as well as the Comparative Medicine program itself, will continue to serve as one of Leo's public legacies for many years to come.

Leo seemed to personally know well everyone he needed to know at NIH, no matter what organizational division, and regardless of whether they had achieved an advanced level or were beginning their careers. He also seemed to know 99% of all the veterinarians in the U.S. who were either researchers themselves or who enabled research. He would often instantly recall where people were born, what their research interests were, and even what joke they had last told him that made him laugh. The innumerable NIH and research community friends who will never forget Leo will serve as his other great public legacy.



# Renewal Notice

## Important Notice: All full and student memberships in ASP include an annual subscription to the American Journal of Primatology (AJP)

Membership in the American Society of Primatologists is open to persons engaged in the scientific study of primates and to those interested in supporting the goals of the Society as described in the Constitution (<http://www.asp.org/misc/constitution.htm>) and elsewhere on our website and in our publications. **Submission of this application indicates your support of these goals.**

Please type or print clearly

Lastname: \_\_\_\_\_

Firstname: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

e-mail: \_\_\_\_\_

Specialty in Primatology: \_\_\_\_\_

I do not wish to receive a hard copy of the ASP Bulletin.

**Please Note:** The information listed above will be included in the ASP Directory, and made available to all members. If you wish any information to remain confidential (e.g., phone numbers), please do not provide the information. All information requested at the bottom of this form (questions 1 through 5) will be treated anonymously. The information is requested for the purpose of assessing ASP membership trends.

1. Discipline of terminal degree (e.g., Zoology, Anthropology)

2. Decade terminal degree was (will be) awarded:  
\_ 50 \_ 60 \_ 70 \_ 80 \_ 90 \_ 00 \_ 10

3. Current area of research interest (please check the **one** term that best characterizes your interests):

- Behavior
- Ecology
- Reproduction
- Conservation
- Anatomy/Morphology
- Genetics
- Communication
- Neurobiology
- Husbandry/Management
- Medical Primatology
- Biomedical
- Taxonomy
- Cognition
- Other(specify): \_\_\_\_\_
- Enrichment
- Physiology

4. Gender: \_\_\_ F \_\_\_ M

ASP Dues (Full)*	\$80 <sup>1</sup>
ASP Dues (Student)*	\$40 <sup>2</sup>
ASP Dues (Retired)	\$20

**["Retired" category does NOT include subscription to the American Journal of Primatology]**

- 1 \$40 of the full member fee is for a 1-year subscription to AJP, Canadian members please add \$2.80 for GST.
- 2 \$20 of the student member fee is for a 1-year subscription to AJP, Canadian members please add \$1.40 for GST.

IPS Dues (Full)*	\$40
IPS Dues (Student)*	\$20

\* Membership in ASP and IPS for individuals from habitat or less developed countries is free to those unable to pay dues.

Foreign postage (outside N. America) \$45.50  
for the American Journal of Primatology

ASP Conservation Fund (voluntary)	\$ _____
ASP General Fund (voluntary)	\$ _____

Members are reminded it costs ASP \$4 to process credit card payments. Please consider adding this much (or more) to your total.

Please add \$ \_\_\_\_\_ to my total to help ASP offset credit card processing costs. \$ \_\_\_\_\_

**TOTAL (in US dollars) \$ \_\_\_\_\_**

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American Society of Primatologists

**Send payment to:**

Evan Zucker, ASP Treasurer  
Dept. of Psychology  
Loyola University  
6363 St. Charles Ave.  
New Orleans, LA 70118  
(504) 865-3255 [fax: (504) 865-3970] [zucker@byno.edu](mailto:zucker@byno.edu)

5. Employment environment (please check **one**):

- College/University
- Private research
- National/Reg Primate Center
- State/Federal research laboratory
- Medical Schod
- Library
- Museum
- Zoological Park
- Corporation
- Student
- Non-profit Corp.
- Other (specify) \_\_\_\_\_
- Private consultant
- State government

## **ASP 28<sup>TH</sup> ANNUAL MEETING PORTLAND, OR- 17-20 AUGUST 2005**



The 28<sup>th</sup> Annual ASP meeting will be hosted by the Oregon National Primate Research Center (ONPRC). Dr. Kris Coleman (colemank@ohsu.edu) is the Chair of the local arrangements committee. The meeting, including all scientific sessions, will take place at the Benson Hotel, in downtown Portland, Oregon.

The Oregon National Primate Research Center is an institute of the Oregon Health & Science University (OHSU) and one of eight National Primate Research Centers in the United States. The ONPRC is the home of groundbreaking research in the fields of Reproductive Science, Artificial Reproductive Technologies, Vaccine and Gene therapy, and Neuroscience. Located 15 miles west of Portland, the 350 acre campus is home to over 3,500 non-human primates including rhesus and Japanese macaques, vervets, and baboons. There will be 2 tours of the ONPRC for anyone who would like to see the campus. Details of these tours will be available on the website. Portland, also known as the City of Roses, is Oregon's largest city and its cultural center. It offers the perfect blend of young and hip with old and charming. Visitors can enjoy fine dining, eclectic shopping (including the Portland Saturday Market and Powell's Bookstore), outdoor activities and scenic views of several mountains, including Mt. Hood and Mt. St. Helens. There are a plethora of bars, coffee shops, and of course, brew pubs in downtown Portland. Portland is also home to Washington Park and Forest Park where visitors can go to the Oregon Zoo, the Arboretum, or on one of many hikes.

**Climate:** Portland summers are typically mild and dry, with temperatures averaging in the mid 70's F/20'sC. In August, the average high is 81F/27C and the average low is 57F/14C. Dress is casual and light clothing is advisable due to the time of year. The Congress will be informal. Be prepared for temperatures that range from pleasant outdoor temperatures to air-conditioning in most buildings.

### **PRELIMINARY OUTLINE OF THE MEETING SCHEDULE:**

**Wednesday, 17 August 2005:** On-site registration for the meeting will begin at 8 a.m. The opening reception will be held at the Benson Hotel.

**Thursday, 18 August 2005:** The scientific meeting will open at 8:00 am with the 2005 keynote address and will continue until 5 p.m. Poster session will take place from 7pm to 9pm. The 2<sup>nd</sup> annual softball game will begin following the poster session. Please bring a mitt if you would like to play, or just come and cheer on your favorite team.

**Friday, 19 August 2005:** The morning will open with an invited speaker at 8:00 am followed by scientific papers. Lunch will be followed by another speaker, and the Scientific meetings will continue until 5 pm, with the second poster session from 7pm to 9pm. There will be wine tasting at the Benson Hotel prior to the Poster session.

**Saturday, 20 August 2005:** The Scientific meetings will run throughout the day with our final speaker following lunch. The closing banquet will be held in the evening at the World Trade Center, Portland Oregon.

### **The registration fee**

includes coffee breaks, continental breakfasts Thursday through Saturday, afternoon breaks, opening reception, closing banquet, poster session refreshments, and abstract booklet and program.

**Name badges** will be required for all sessions and social activities.

### **ASP SILENT AUCTION FOR PRIMATE CONSERVATION:**

The traditional silent auction will be held in the Benson Hotel. Information regarding mailing items will be forthcoming in future ASP bulletins and on the ASP web page. Items to be auctioned are donated. Please bring "primate" related memorabilia to donate for the auction. Additional information will be available at the Registration/Information Desk.

### **GETTING TO PORTLAND:**

**Air travel:** The closest airport to the meeting is the Portland International Airport (PDX), Portland, Oregon, located approximately 20 miles east of downtown. Airlines that serve PDX include Air Canada Jazz, Alaska

*Continued on page 12*



*Continued from Page 11*

Airlines, America West, American Airlines, Continental, Delta Airlines, Frontier, Hawaiian Air, Horizon Air, Lufthansa, Mexicana, Northwest Airlines, Southwest Airlines, and United Airlines. Discounted fares will be available for travel on Northwest (including Continental) and United Airlines. Information on these fares will be available on the website soon. There are several rental car companies located at PDX. Taxis from PDX to the Benson Hotel cost approximately \$25.00. The MAX light rail runs from the airport to downtown, and costs approximately \$4.00. The conference will offer a shuttle service available for transportation from the airport to the hotels, for approximately \$10.00. Please see the meeting website for more details.

**Train travel:** Portland is served by Amtrak intercity passenger trains. Please see <http://www.Amtrack.com> for more details. The train station, Portland Union Station, is within 4 miles of the Benson Hotel. A taxi ride from the train station will cost approximately \$10.00.

**Bus travel: Greyhound Bus** Call (800) 231-2222 or <http://www.greyhound.com> for fare and schedule information. Portland Union Station serves Greyhound as well as Amtrak.

**Travel by Car:** Portland is conveniently located off I-84 and I-5. To reach Portland from I-5, take the exit toward City Center/Morrison Bridge and make a slight right onto the Morrison Bridge. Stay straight on the ramp and turn left onto SW Washington St. Turn right onto SW 4<sup>th</sup>, left onto SW Oak and then left onto SW Broadway. The Benson Hotel is located on Broadway. For other specific driving directions see <http://www.mapquest.com>.

**Transportation & Parking within Portland:** Portland has an excellent public transportation system, which includes extensive bus, MAX light rail, streetcar, and trolley systems. Public transportation is free in the

“Fareless Square”, which covers much of downtown Portland (including the Benson Hotel). The city is also driver friendly and the streets are easy to navigate. All of the hotels have garages available for a nightly fee. There are many other garages in the area including the city run Smart Parks. These garages offer parking for a \$8/day. More information will be available at the Registration/Information Desk.

#### **HOUSING:**

Special rates have been arranged for those attending the conference at the following hotels for those attending the conference. Please book your rooms by July 1 2005 to ensure that you get the discounted rate.

**The Benson** \$119/night; 309 SW Broadway, Portland, OR. Phone: 888-523-6766 or 503-228-2000 Website: [www.bensonhotel.com](http://www.bensonhotel.com) Mention the American Society of Primatologists to get special rates. The Benson Hotel, the meeting site, is a 4 star hotel located in the heart of Downtown Portland. The hotel is not only a Portland landmark but is also on the National Register of Historic Places. Amenities include 24 hour room service, valet parking, nightly wine tasting for guests, business center, and a fitness center.

**Hotel Lucia** \$119/night; 422 SW Broadway, Portland, OR 97205. Phone: 877.225.1717. Website: [www.hotellucia.com](http://www.hotellucia.com) Please identify yourself as a member of the American Society of Primatologists. The Hotel Lucia is within a block of the meeting site. The hotel is elegant yet comfortable and prides itself on a high level of service. Amenities include complimentary business center access, Torrefazione coffee and Tazo teas, 24 hour room service (Tai/American), Aveda bath products, a 24 hour fitness center, and many others. Next door to Hotel Lucia is Typhoon, a restaurant that features Thai and western cuisine.

**Embassy Suites Hotel Downtown Portland** (\$139.00/night for a two bedroom suite-perfect for sharing; a “roommates wanted” list will be posted on the meeting website, 319

SW Pine Street, Portland, OR 97204) Phone: 503.279.9000. Website: [www.embassysuites.com](http://www.embassysuites.com) Please mention American Society of Primatologists for the discounted rate. Embassy Suites is located 5 blocks from the meeting site (a 5 minute walk) with easy access to The US Bancorp Tower (home of the Portland City Grill) and Portland’s waterfront. The hotel offers a complimentary cooked to order breakfast each morning and a complimentary Manager’s reception each night. The Portland Steak and Chop House, which offers fine dining and an exceptional happy hour is located in the hotel. Amenities include microwave and coffee maker, living room with sofa-bed, indoor pool, fitness center, complimentary van service (2 mile radius), and valet parking.

**The Paramount Hotel** \$109/night; 808 SW Taylor, Portland, OR 97205 Phone: 503.276.1761 Website: [www.portlandparamount.com](http://www.portlandparamount.com) Please reference OHSU to get the discounted rate. The Portland Paramount Hotel is a luxury hotel and is just a 5-10 minute walk to the meeting site. The Portland Paramount is dedicated to exceptional customer service and offers many amenities such as 24 hour room service, two phone lines and two phones in each room, honor bar, and European bath amenities. The Paramount is also home to Dragonfish Asian Café. This restaurant offers unique Pan-Asian cuisine and a full service American breakfast.

#### **STUDENT TRAVEL FUNDS:**

This year, there will be money available for students traveling to the meeting through generous support of the ONPRC Division of Reproductive Sciences, NIH/NCRR and the University of Oregon. Funds will be distributed based on need. Exact amounts will depend on the number of applicants. To be considered for the award, students must be members of ASP and must present a paper or poster at the meeting. Students interested in being considered for the travel funds should indicate this interest on the registration form. For more

information, please contact Kris Coleman (colemank@ohsu.edu).

**VISITOR INFORMATION:** The Portland Oregon Visitor Association website (<http://www.pova.org/>) has excellent information regarding your trip to Portland. A guide of local restaurants and attractions will be available at the Registration/Information desk.

Post Conference day trips to locations such as the Oregon Coast (with a tour from the Audubon Society) and the Oregon Wine Country will be available for a modest fee. Information about these

tours will be posted on the ASP website.

**BANKING:** Most banks are open from 9:00 a.m. to 5:00 p.m. There are many ATMs located throughout downtown Portland and at the Portland Airport. There is a full service US Bank located directly across the street from the Benson Hotel.

**CHILDCARE:** Due to insurance requirements, the Congress will not have organized childcare. A list of professional childcare providers/centers and costs can be provided on request. Please contact the local organizing committee.

**EXHIBITORS:** Please contact Kris Coleman, [colemank@ohsu.edu](mailto:colemank@ohsu.edu), for more information.

**CONGRESS T-SHIRTS:** T-shirts designed by Joel Ito will be available for purchase ahead of the meeting on the registration form. Please indicate sizes. We will have some extra T-shirts at the Registration/Information desk.

## NEW PUBLICATIONS!

The Primate Foundation of Arizona (PFA) has available copies of our PFA Captive Chimpanzee Colony Protocol and Psychological Wellness Program and our PFA Captive Chimpanzee Ethogram for use by interested parties. Over the past 30 years, PFA Programs, for which we are internationally known, have applied safe, humane, and innovative captive management strategies to assure the well-being and continuity of the U.S. captive chimpanzee (*Pan troglodytes*) population. The PFA Protocols are designed to maintain a physically sound and behaviorally competent chimpanzee population, as well as promote and assure psychological well-being. Further, the protocols are applicable for both large and small facilities. The PFA Captive Chimpanzee Colony Protocol and Psychological Wellness Program is a detailed program for the daily physical and psychological care of captive chimpanzees on the PFA site. This includes staff training guidelines. The programs are easily adaptable to your own facility. The PFA Captive Chimpanzee Ethogram is an exhaustive ethogram for captive chimpanzees containing behaviors, vocalizations, and facial expressions. The Captive Chimpanzee Colony Protocol and Psychological Wellness Program and Captive Chimpanzee Ethogram are available on CD-Rom for the cost of \$5.00, of this \$2.00 will be donated to the PFA Chimpanzee Enrichment Fund. Please send check or money order to: Primate Foundation of Arizona, P.O. Box 20027, Mesa, AZ 85277-0027 USA Elaine Videa, M.S. Research Director

## CITES – APES (REUTERS)

By Ed Stoddard

**BANGKOK** – A U.N. meeting on endangered species could help secure the survival one of humanity's closest living relatives, the orang-utan, by saving its forest home from loggers, a leading expert said on Tuesday.

The Convention on International Trade in Endangered Species (CITES) could also extend a helping hand to other great apes— all critically endangered – if countries follow a European resolution to develop a global blueprint for their survival.

“These (CITES) submissions could really help to save the great apes,” said Ian Redmond, the chief consultant for the U.N.'s Great Apes Survival Project (GRASP).

One key proposal involves trees, not apes.

Indonesia is proposing to impose restrictions on trade in all species of ramin, a hardwood in high demand for furniture production.

“Orang-utans do not feed on ramin but its removal greatly disturbs them,” Redmond told Reuters on the sidelines of the two-week CITES conference in Bangkok, which began on Saturday.

“Loggers also build canals to float the logs out of the forest and these canals drain the peat swamps where the orang-utans live,” he said.

Orang-utans are only found today on the Southeast Asian islands of Borneo and Sumatra and Redmond said the most recent scientific estimates put their number at 45,000 – higher than some but still alarming.

The conference will also consider a resolution from the European Union— put forward by Ireland, which formerly held the EU presidency – urging CITES members “to bring worldwide attention to the ape crisis, raise funds for conservation and develop a global conservation strategy for all great ape populations.”

Redmond said the situation was critical in the face of habitat destruction, the trade in wild bushmeat and the ebola virus in Africa.

Millions of chimpanzees were once found in Africa but now their fragmented populations are believed to number only between 100,000 and 200,000 between Senegal and Tanzania.

Eastern lowland gorillas may only number a few thousand. A decade ago the western lowland gorilla was believed to number 100,000, but Redmond said now it was believed to be “significantly reduced” from that level.

Only a few hundred mountain gorillas are left in the lush volcanic hills straddling Uganda, Rwanda and the Democratic Republic of the Congo. And there are believed to be only between 15,000 and 50,000 bonobos left, Redmond said.

“The great apes may vanish in our lifetimes,” he said.

## MEETINGS

### **XI BRASILIAN CONGRESS OF PRIMATOLOGY**

Date: February 13, 2005 - February 18, 2005, Location: Porto Alegre, State of Rio Grande do Sul, Contact: Prof. Dr. Júlio César Bicca-Marques, PUCRS/Faculdade de Biociências, Av. Ipiranga, 6681 Pd. 12A, Porto Alegre, RS 90619-900, Brasil, Email: jbcicca@terra.com.br  
Web site: <http://planeta.terra.com.br/educacao/SBPr/Congressindex.htm>

### **IX SIMPOSIO DE ANTROPOLOGÍA FÍSICA**

Date: April 4, 2005 - April 8, 2005  
Location: Universidad de La Habana, Contact: Dr. Armando Rangel Rivero, Secretario, Museo Antropológico Montané, Calle 25 # 455, entre J e I. El Vedado, Facultad de Biología, Universidad de La Habana, Ciudad de La Habana, Cuba, Email: montane05@fbio.uh.cu  
Web site: <http://pin.primate.wisc.edu/news/calendar/>

### **IX SIMPOSIO DE ANTROPOLOGMA FMSICA.doc TURNKEY 2005**

Date: April 7, 2005 - April 8, 2005  
Location: San Diego, CA, Sponsor: Animal Lab News & A2C2, Magazine, Contact: M. Williams, Email: mwilliams@animallab.com  
Web site: <http://www.animallab.com/turnkey/>

### **IX MEETING OF THE SOCIETY FOR BEHAVIORAL NEUROENDOCRINOLOGY**

Sponsor: University of Texas at Austin, Contact: [delville@psy.utexas.edu](mailto:delville@psy.utexas.edu)  
Web site: <http://www.psy.utexas.edu/psy/sbn2005/sbn2005.html>

### **IX INTERNATIONAL MAMMALOGICAL CONGRESS**

Date: July 31, 2005 - August 5, 2005  
Location: Sapporo, Japan, Sponsor: Science Council of Japan and Mammalogical Society of Japan  
Registration: Around ¥30,000-42,000, Contact: Science Council of Japan, Email: mammal2005@hokkaido-ies.go.jp, Web site: <http://www.imc9.jp>

### **CONGRESS OF THE EUROPEAN FEDERATION FOR PRIMATOLOGY (EFP)**

Date: August 9, 2005 - August 12, 2005, Location: Goettingen (Germany), Contact: Peter Kappeler, Abbott Soziobiologie & anthropology, German Primatenzentrum, Waiter way 4, Goettingen, Germany, Email: [EFP@dpz.gwdg.de](mailto:EFP@dpz.gwdg.de)

### **5th INTERNATIONAL CONFERENCE ON METHODS AND TECHNIQUES IN BEHAVIOR RESEARCH**

Date: August 30, 2005 - September 2, 2005,  
Location: Wageningen, The Netherlands, Focus: Measuring Behavior will offer an attractive mix of presentations, demonstrations, discussions, meetings and much more (see <http://www.noldus.com/mb2005/program/index.html> for details). If Measuring Behavior is new for you, the proceedings of the 2002 meeting (<http://www.noldus.com/events/mb2002/index.html>) give a good impression of what it is all about.

Abstract: Deadline December 1, 2004, Contact: Prof. Dr. Louise E.M. Vet, Conference Secretariat, P.O. Box 268, 6700 AG Wageningen, Netherlands, Tel: +31-317-497677, Fax: +31-317-424496, Email: [mb2005@noldus.nl](mailto:mb2005@noldus.nl)  
Web site: <http://www.noldus.com/mb2005>

### **23RD ANNUAL SYMPOSIUM ON NONHUMAN PRIMATE MODELS FOR AIDS**

Date: September 21, 2005 - September 24, 2005, Location: Hilton Portland & Executive Tower, Portland, Oregon, Sponsor: NIH/NCRR, Oregon Health & Science University and Oregon National Primate Research Center, Contact: Lori Boshears, Conference Coordinator, Oregon National Primate Research Center, 505 NW 185th Avenue, Beaverton, OR, Tel: 503-533-2400, Fax: 503-418-2719, Email: [NHPM2005@ohsu.edu](mailto:NHPM2005@ohsu.edu)  
Web site: <http://www.ohsu.edu/NHPM2005>

### **NEXT MEETING OF MEXICAN PRIMATOLOGICAL SOCIETY**

On behalf of Asociación Mexicana de Primatología, AC (AMP), (Mexican Primatological Society), I want to invite all of our colleagues from American Society of Primatologists to the next academic meeting, which will be held during 4-7 May, 2005 in the campus of Instituto de Ecología, A.C. in Xalapa, Veracruz, México. The call for abstracts and the meeting announcement will be sent in English very soon, however is currently available in Spanish at the web page of the Mexican Primatological Society in the next URL address: <http://www.amp-ac.com.mx>. If some are interested in suggesting a symposium or workshop there will be 30 January, 2005 deadline for a proposal for a special session. 15 March, 2005 will be deadline for abstract submission for contributed papers and poster sessions. All of you know very well, that you are welcome and can have a wonderful time during the meeting and of course with the city and hospitality of mexican colleagues and students. We look forward to seeing you in Xalapa city and at our Mexican primatological meeting!!! I will be happy to answer any question sent to the addresses below:  
Warmest regards, Juan Carlos Dr. Juan Carlos Serio-Silva [serioju@ecologia.edu.mx](mailto:serioju@ecologia.edu.mx), [ampmexico2004@yahoo.com.mx](mailto:ampmexico2004@yahoo.com.mx)  
President, Mexican Society of Primatologists. This is a first call for papers on any primate-related topic for the  
**XXIII TH ANNUAL CONFERENCE OF THE AUSTRALASIAN PRIMATE SOCIETY TO BE HELD AT THE SOUTH AUSTRALIAN MUSEUM IN ADELAIDE**, South Australia on



## MEETINGS

March 12-13, 2005. Twenty minute sessions will be reserved for each paper and an abstract should be received by myself before February 1, 2005 to allow time for the programme to be finalised and abstract booklets prepared. For further details visit <http://www.primates.on.net/apsconf.htm>

## EMPLOYMENT OPPORTUNITIES

### ASSOCIATE/FULL PROFESSOR OF PRIMATE MEDICINE AND ASSOCIATE DIRECTOR OF PRIMATE SERVICES OF THE CALIFORNIA NATIONAL PRIMATE RESEARCH CENTER (CNPRC).

Salary dependent on qualifications and experience. **Requirements:** Veterinarian with advanced training in primate medicine and board certification or eligibility in the American College of Laboratory Animal Medicine is required. PhD in applicable discipline preferred. Clinical experience and competence in primate medicine. Administrative experience consistent with responsibilities of an Associate Director of Primate Services. Demonstrated superior aptitude/experience in teaching. Documented research record or potential to develop an independent research program in primate medicine. Excellent interpersonal and communications skills and a demonstrated ability to work with others in a collegial team atmosphere. **Responsibilities:** **Teaching:** (1) participates in lectures and laboratories in the DVM curriculum; (2) clinical teaching in the CNPRC (3) participates in the CNPRC graduate clinical training program; (4) participates in campus graduate academic programs. Clinical: 10% clinical commitment to the CNPRC medicine service.

Instructs and supervises veterinary students and residents; provides health care and service to patients; advises and consults with referring veterinarians and clients. **Research:** The development of a creative, independent and productive basic and/or clinically-oriented research program in primate medicine is a fundamental and indispensable requirement of the position, including publication of results in professional/scientific journals. Provides leadership in directing research projects of residents and graduate students. **Service:** University and public service is required. **Administrative:** 50% effort as Associate Director providing administrative and fiscal direction to all aspects of Primate Services. To receive fullest consideration, applications must be received by **March 1, 2005**; position open until filled. Expanded position description available on request. Interested applicants should submit (1) a letter of intent outlining special interest in the position, overall related qualifications and experience and career goals; (2) curriculum vitae; and (3) the names and addresses of three professional references to: Richard W. Nelson, Department Chair, Attn: Clarice Martin ([cjmartin@ucdavis.edu](mailto:cjmartin@ucdavis.edu)), Department of Medicine and Epidemiology, School of Veterinary Medicine, University of California, Davis, CA 95616; phone 530-7521363, FAX 530-752-0414. AA/EOE.

**ATTENDING VETERINARIAN THE WISCONSIN NATIONAL PRIMATE RESEARCH CENTER (WNPRC)** is seeking a dynamic, talented individual to join our staff as attending veterinarian. This senior level management position reports to the Director of the Center, and is responsible for directing and overseeing the day-to-day operational, financial and personnel activities of the veterinary and animal care divisions at the Center.

The Wisconsin National Primate Research Center (WNPRC) is an AAALACI-accredited facility housing approximately 1600 rhesus macaques, cynomolgus macaques, African green monkeys and common marmosets.

The successful applicant will participate in on-call rotations as part of the campus wide Research Animal Resource Center program to ensure adequate veterinary coverage. **Qualifications** include a Doctor of Veterinary Medicine or equivalent degree from an AVMA accredited school of veterinary medicine. ACLAM board certification is highly desirable. The applicant must be eligible for licensure in the state of Wisconsin.

The applicant will have experience in the daily care and management of a non-human primate research colony and facility with a minimum of 7 years of experience in laboratory animal medicine and 5 years experience managing/directing a complex animal resources program. The applicant will have strong, proven administrative skills, including knowledge of and experience in meeting standards of AAALACI accreditation and federal compliance programs; excellent interpersonal, oral and written communication skills, as well as strong clinical and surgical skills. **Salary** will be commensurate with qualifications and experience. **Application Deadline:** Until filled

For more information visit the University of Wisconsin website at **CLINICAL VETERINARIAN, LABORATORY ANIMAL MEDICINE** Hiring Organization: Eli Lilly and Company, Street Address: Lilly Corporate Center Indianapolis, IN Position Description: You will assist in implementing the animal care and use program. Your responsibilities will be:

- Providing clinical and surgical support for large and small research

## EMPLOYMENT OPPORTUNITIES

animals

- Implementing and maintaining appropriate animal health monitoring programs
- Investigator assistance with animal model development
- Review of Animal Use Protocols
- Monitoring compliance with all internal and external guidelines.

### **SKILL REQUIREMENTS:**

- DVM degree from an institution accredited by the American Veterinary Medical Association
- Knowledge and skills in laboratory animal medicine
- Excellent written and verbal skills
- Willingness to work in complex environments
- Successful completion of a residency in laboratory animal medicine and board eligibility is preferred.

Our future depends on our global community of employees whose varied perspectives and experience provide the creativity and energy to fuel pharmaceutical innovation.

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- 100 Best Places to Work (Fortune)
- 50 Best Companies for Minorities (Fortune)
- Top 10 Companies for Working Mothers (Working Mother)
- Top 50 Companies Among MBAs (Fortune)
- 100 Best Managed Companies (Industry Week)

To apply for this position, please visit our website at

[www.lilly.com/careers](http://www.lilly.com/careers)

ELI LILLY IS AN EQUAL OPPORTUNITY EMPLOYER

Application Deadline: 12/31/04

Contact Information: Recruiter, Eli Lilly and Company, Indianapolis, IN

### **PRIMATE CLINICAL VETERINARIAN**

Hiring Organization: Alpha Genesis, Inc., **Street Address:** 95 Castle Hall Road, P.O. Box 557 Yemassee/SC

**Position Description:** Alpha Genesis, Inc. (AGI) is an AAALAC accredited breeding and research facility. AGI maintains three large facilities in South Carolina including more than 5,000 primates. A clinical veterinarian is needed for our main facility at Yemassee, South Carolina. Major responsibilities include the provision of hands-on clinical care for more than 1,000 old and new world primates and participation as needed in medical research that may include neurological, obstetric, or ophthalmic surgical procedures. The clinical veterinarian will perform veterinary exams, surgical diagnostic tests, and maintain the health of the colony. The clinical veterinarian will work alongside other staff veterinarians, veterinary and animal care technicians and will provide oversight and leadership for veterinary and research personnel. Good written and oral communication skills are needed as the Clinical Veterinarian may be called on to participate in client services and communications, review and draft standard veterinary operating procedures and to review grant and contract applications.

### **Qualifications:**

- DVM or VMD degree from accredited institution required
- 3 to 5 years laboratory primate experience required
- Post-doc or veterinary research experience preferred
- Good oral and written communication skills
- Computer skills (Access, Word, Excel)

**Salary/funding:** Dependent on experience, **Term of**

**Appointment:** Full-Time,

**Application Deadline:** Open Until

Filled, **Comments:** For further information contact Dr. Sue Howell, Director of Research and Development, at [suehowell@skycasters.net](mailto:suehowell@skycasters.net). To apply, send materials to Dr. V.J. Richey.

**Contact Information:** Dr. V.J. Richey, Alpha Genesis, Inc., 95 Castle Hall Road., P.O. Box 557 Yemassee/SC 29945, Telephone number: 843-589-5190, Fax number: 843-589-5290, E-mail address: [vjrichey@skycasters.net](mailto:vjrichey@skycasters.net)  
**SR. CLINICAL VETERINARIAN**  
Amgen, One Amgen Center Drive, Thousand Oaks

As the largest biotechnology company on the planet, Amgen offers the chance to truly innovate and contribute to the big picture in science. Our R&D focus on nephrology, oncology, inflammation and bone disease, and neurology has already produced six marketed products with a promising pipeline of new human therapeutics to come. A world-class sales force, global manufacturing operations, and clinical development sites on three continents complete our picture as a Fortune 500 company and a leading biotechnology company committed to improving people's lives. And Amgen continues to grow with our successes. We currently have the following opportunity at our Thousand Oaks, CA facility.

The Senior Clinical Veterinarian is responsible for providing veterinary clinical care, developing and implementing preventive medicine programs for multiple species, actively collaborating with research investigators, developing surgical models, and implementing training programs for technical and scientific staff. Additional responsibilities include managing contracted rodent breeding colonies and providing oversight for contracted research activities.

**Qualifications:** Applicants must have a DVM/VMD degree and be licensed to practice veterinary medicine in at least one state. Completion of a laboratory animal medicine training program or at least 3 years experience in laboratory animal medicine is required. ACLAM board certification or a

## EMPLOYMENT OPPORTUNITIES

career objective to become board certified is an expectation of this position. Experience with rodent preventive medicine programs, rodent surgical techniques and rodent models of disease is highly desirable.

Amgen's outstanding compensation package features comprehensive benefits and relocation assistance. Come be a part of the big picture at Amgen. Interested candidates email resume to [smaguire@amgen.com](mailto:smaguire@amgen.com). E-mail address: [smaguire@amgen.com](mailto:smaguire@amgen.com), <http://www.ohr.wisc.edu/apo/employment/index.htm>.

**Contact Information:** Susan Baculik, Human Resources Manager, Fax number: 608-262-8946, E-mail address: [sbaculik@primate.wisc.edu](mailto:sbaculik@primate.wisc.edu)

### **SCIENTIST-IMMUNOLOGY WISCONSIN NATIONAL PRIMATE RESEARCH**

**CENTER** (WNPRC) Recruiting a Scientist to lead a team investigating the immune responses to the AIDS virus in non-human primates. Responsibilities will include developing and implementing independent research investigating the SIV-specific T cell immune response. Qualifications: A Ph.D. in Immunogenetics, Immunology or related field with Postdoctoral training in T cell immunology is required. The University of Wisconsin is an EOE committed to excellence through diversity and encourages applications from women and under-represented groups. Interested individuals should send resume, cover letter and 3 references. For more information visit the University of Wisconsin website at <http://www.ohr.wisc.edu/apo/employment/index.htm>.

**Contact Information:** Susan Baculik, Wisconsin National Primate Research Center, 1220 Capitol Court, Madison, WI 53715-1299  
**MANAGER OF OPERATIONS  
SOUTHWEST NATIONAL  
PRIMATE RESEARCH**

**CENTER** This individual will be responsible for managing and monitoring grants for the Southwest National Primate Research Center (SNPRC) and for assisting other administrative staff with the preparation of public relations documents and materials. Grants management (70% effort) duties will include managing data required for reporting and administrative purposes; assisting scientific investigators in developing budgets, developing internal financial reports; processing travel requests; serving as a liaison between the SNPRC and its host institution, the Southwest Foundation for Biomedical Research. Public relations (30% effort) duties will include assisting with the continuing development and maintenance of the SNPRC web site; the preparation of a public relations brochure; the preparation and management of a set of slides and PowerPoint files used by SNPRC investigators; the management of information and data required for public relations activities. This individual will report to Dr. VandeBerg, Director SNPRC. Qualifications: Required: A Bachelor's degree in accounting, math, finance, business, or a scientific field. Two years of experience in accounting or financial record management, or scientific grants. Excellent written and oral communications skills and ability to work independently are required. Preferred: Experience with relational database report development. Experience with NIH grants and management in a biomedical research environment. Salary/funding: Dependent upon qualifications and experience. This is a full-time salaried (exempt) position. **Contact Information:** E. GWEN BRIDGEFORD, SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH POB 760549 San Antonio, TX, USA,

78245-0549, Telephone number: 210-258-9699, Fax number: 210-670-3328, E-mail address: [gbridgef@icarus.sfbr.org](mailto:gbridgef@icarus.sfbr.org)

### **ANIMAL CARE & SUPERVISORS**

Hiring Organization: SoBran, Inc.  
Street Address: Lovelace Respiratory Research Institute (LRI) 2425 Ridgecrest Drive, SE Albuquerque, NM, Position Description: General cleanliness and sanitation for all animal holding rooms. Maintenance of runs, fences, cages, racks, feeding, and watering equipment in clean and sanitary manner. Feeding, watering, housing, and monitoring of the animal environment. Rearranging of cages in population as dictated by the periodic changes in populations and species of animals as required by research. Qualifications: Preferred: LATG, B.S., and ABSL experience. Term of Appointment: Permanent, **Contact Information:** Kimberly King SoBran, Inc., 4000 Blackburn Lane, Suite 100, Burtonsville 20866, Telephone number: 301/476-9077 Fax number: 301/476-9598, E-mail address: [kking@sobran-inc.com](mailto:kking@sobran-inc.com)

### **FIELD ASSISTANT**

Hiring Organization: Sue Boinski  
Street Address: University of Florida, Department of Anthropology, 1112 Turlington Hall PO Box 117305, Gainesville, FL 32611, Position Description: One field assistant needed by early January, 2005 for an ongoing field study of brown capuchin monkeys (*Cebus apella*) in Raleighvallen Nature Preserve, Suriname. The primary responsibility of the field assistant will be to help collect behavioral and ecological data on several brown capuchin troops, as well as forest phenology data collection and mammal/bird censusing. Accommodations include a field camp with permanent buildings, running water, and reasonably reliable electricity. Email contact is not available. Assistants



## EMPLOYMENT OPPORTUNITIES

work as part of a team, usually between 3-6 people.

**Qualifications:** Though previous experience is not necessary, priority will be given to applicants with successful experience collecting detailed social and ecological data from individually recognized mammals, especially primates. Experience in situations demanding rigorous physical exercise in tropical conditions will also be useful. Assistants must be able to work well as a team in isolated conditions. Both leadership and the ability to follow are necessary characteristics of field assistants, as well as the desire to learn, flexibility, and the ability to cope with confined social situations. **Salary/funding:** A monthly \$200 stipend is provided, with which assistants are expected to purchase international health insurance and their Suriname entry visa.

Support provided for internship/volunteer positions (travel, meals, lodging): Airfare to and from Suriname is provided, as well as meals and lodging in Raleighvallen.

**Term of Appointment:** January 2005-December 2005

**Application Deadline:** November 29, 2004, **Comments:** Please contact us by e-mail and not US mail.

After initial email contact, applicants will be required to submit a curriculum vitae and the names, positions, and email addresses of at least 3 references. **Contact**

**Information:** Erin Ehmke or Laurie Kauffman, University of Florida, Department of Anthropology (\*\*Please contact via e-mail\*\*)

Gainesville, FL 32611

Telephone number: 352-392-2253 x250, E-mail address:

kauffman@anthro.ufl.edu or

ehmke@anthro.ufl.edu

### **RESIDENT - PRIMATE**

**MEDICINE** Alamogordo Primate Facility, Postdoctoral Training in Primate Medicine, Charles River Laboratories. The Alamogordo Primate Facility (APF) is seeking candidates for postdoctoral training

in primate medicine. The program is broadly based, and includes training in clinical medicine, pathology, colony management and behavior. There are additional opportunities to study laboratory animal medicine. Under the direction of D. Rick Lee DVM, Charles River Laboratories has been awarded an NIH contract to provide healthcare for a large colony chimpanzees in social groups at the APF facility. The modern facility is located on Holloman Air Force Base near Alamogordo, New Mexico. There are 4 veterinarians on staff, two of which have ACLAM board certification. **Qualifications:** Applicants must have a DVM or equivalent degree from an accredited college of veterinary medicine and be licensed in at least one state in the US or Canada. **Salary/funding:** Competitive. Financial support provided for continuing education and training including registration, travel, meals and lodging. **Term of Appointment:** One year with possible extension. **Application Deadline:** None. **Contact Information:** Dr. Stephen Curtis, Alamogordo Primate Facility, PO Box 956, Holloman AFB, NM, USA 88330, Telephone number: 505-679-3800, Fax number: 505-679-3841, E-mail address: scurtis@criver.com

### **FIELD ASSISTANTS, BEHAVIORAL ECOLOGY OF PHAYRE'S LEAF**

**Monkeys Hiring Organization:** Andreas Koenig, Street Address: Circle Rd, SBS Bldg. S-517/519 Department of Anthropology Stony Brook University, NY USA, **Position Description:** Field assistants (up to 3) are needed to assist in a study of Phayre's leaf monkeys (*Trachypithecus phayrei*) at Phu Khieo Wildlife Sanctuary, Northeastern Thailand (currently funded by NSF). The aim of the study - run by Andreas Koenig and Carola Borries, Department of Anthropology, Stony Brook University - is to test socio-ecological models regarding

costs and benefits of group life and ecology of female social relationships. The area comprises a primary forest (hill evergreen, dry evergreen, dry dipterocarp, pine and bamboo forest) at an elevation of 500-1,300m asl (monsoon climate with cold winters). In addition to 8 primate species, the area harbors e.g., elephants, gaurs, 2 bear species, 8 cat species (including tigers), wild dogs, jackals, snakes (including cobras) and plenty of leeches, mosquitoes, spiders, and ticks. The work will include maintenance of a trail and grid system, basic botanical/phenological work, behavioral observations of 3 habituated groups, and possibly habituation of additional groups (e.g., ranging, activity budgets). Most of the work is off-trail including areas with dense thorny undergrowth and bamboo stands. The field assistants will be trained in Thailand. Basic accommodation is available at the headquarters within the sanctuary. **Qualifications:** The work in the forest is demanding (particularly during the rainy season) and field worker rather regularly encounter elephants, gaurs, bears, packs of wild dogs, snakes, etc. Applicants should be physically fit, self-reliant, and feel comfortable under the conditions described. The ability to ride a motorbike and a car with stick-shift is essential, because the field site is 11km from the accommodation. Applicants should have a BS or BA (Biology, Physical Anthropology or related field), prior research experience, and prior field experience preferably in Asia. Applicants must be willing to learn Thai language. **Salary/funding:** None, Support provided for internship/volunteer positions (travel, meals, lodging): The project will cover transportation and living costs on-site (pending future funding; decision in spring 2005). **Term of Appointment:** 13-14 months, beginning ca. mid of June 2005 **Application Deadline:**

## EMPLOYMENT OPPORTUNITIES

November 15, 2004, **Comments:** Applications should include an application letter, CV as well as names, phone numbers and e-mails of 2 references. Applications by e-mail are preferred  
 akoenig@notes.cc.sunysb.edu.  
**FIELD ASSISTANTS, BEHAVIORAL ECOLOGY OF PHAYRE'S LEAF MONKEYS, HIRING ORGANIZATION:** ANDREAS KOENIG, Street Address: Circle Rd, SBS Bldg. S-517/519, Department of Anthropology, Stony Brook University, NY USA, **Position Description:** Field assistants (up to 3) are needed to assist in a study of Phayre's leaf monkeys (*Trachypithecus phayrei*) at Phu Khieo Wildlife Sanctuary, Northeastern Thailand (currently funded by NSF). The aim of the study - run by Andreas Koenig and Carola Borries, Department of Anthropology, Stony Brook University - is to test socio-ecological models regarding costs and benefits of group life and ecology of female social relationships. The area comprises a primary forest (hill evergreen, dry evergreen, dry dipterocarp, pine and bamboo forest) at an elevation of 500-1,300m asl (monsoon climate with cold winters). In addition to 8 primate species, the area harbors e.g., elephants, gaurs, 2 bear species, 8 cat species (including tigers), wild dogs, jackals, snakes (including cobras) and plenty of leeches, mosquitoes, spiders, and ticks.  
 The work will include maintenance of a trail and grid system, basic botanical/phenological work, behavioral observations of 3 habituated groups, and possibly habituation of additional groups (e.g., ranging, activity budgets). Most of the work is off-trail including areas with dense thorny undergrowth and bamboo stands. The field assistants

will be rained in Thailand. Basic accommodation is available at the headquarters within the sanctuary.  
**Qualifications:** The work in the forest is demanding (particularly during the rainy season) and field worker rather regularly encounter elephants, gaurs, bears, packs of wild dogs, snakes, etc. Applicants should be physically fit, self-reliant, and feel comfortable under the conditions described. The ability to ride a motorbike and a car with stick-shift is essential, because the field site is 11km from the accommodation. Applicants should have a BS or BA (Biology, Physical Anthropology or related field), prior research experience, and prior field experience preferably in Asia. Applicants must be willing to learn Thai language. **Salary/funding:** None. Support provided for internship/volunteer positions (travel, meals, lodging): The project will cover transportation and living costs on-site (pending future funding; decision in spring 2005). **Term of Appointment:** 13-14 months, beginning ca. mid of June 2005. **Application Deadline:** November 15, 2004  
**Comments:** Applications should include an application letter, CV as well as names, phone numbers and e-mails of 2 references. Applications by e-mail are preferred  
 akoenig@notes.cc.sunysb.edu.  
**Contact Information:** Andreas Koenig, Circle Rd, SBS Bldg. S-517/519, Department of Anthropology, Stony Brook University, NY 11794-4364 USA, Telephone number: +1-631-632-1513, Fax number: +1-631-632-9165, E-mail address: Andreas.Koenig@stonybrook.edu  
**FIELD ASSISTANT/ PH.D.,** Hiring Organization: Max Planck Institute for Evolutionary Anthropology, Street Address: Deutscher Platz 6, 04103 Leipzig, Leipzig **Position Description:** Field assistant for a new long-term study of gorillas and chimpanzees in

the Loango National Park, Gabon. Assistant will accompany the habituation process of the two species, coordinate the work of the local workers, collect data on the ecology of the site. The proposed research project will be a scientific description of the habituation with a special emphasis in quantifying the effect it has on the individuals.  
**Qualifications:** Essential requirements: Good health, good physical fitness, previous field experience, and good language skills in French. \*\*Preferred qualifications: previous experience with apes, tolerance towards other cultures, ability to use and maintain camp equipment such as s/w radio, satphone, solar system, GPS.  
**Salary/funding:** 700 Euro monthly stipend. Support provided for internship/volunteer positions (travel, meals, lodging): lodging (in tents) at the field site, (2) airfare for one domestic transportation, (3) contribution (up to 1000 US\$) to international flights (re-imburement after successful completion of a minimum of 10 months term of appointment), (4) basic mobile field equipment such as binoculars, notebooks, GPS, compass etc. **Term of Appointment:** Minimal 12 months starting in January 2005. **Application Deadline:** 30 November 2004, **Contact Information:** Christophe Boesch, Max Planck Institute for Evolutionary Anthropology, Deutscher Platz 6, Leipzig 04103 Germany, Telephone number: 0049 341 3550 200/201, Fax number: 0049 341 3550 299, E-mail address: boesch@eva.mpg.de

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*Happy  
Holidays*

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