



A Message from the President...



As spring breaks out in the Midwest, it reminds me that we are moving rapidly toward our 27th Annual meeting in

Madison, Wisconsin. The scientific program is packed with high quality and diverse topics that have come to characterize our annual meetings. The program includes Featured and Keynote addresses by **Joan Silk**, **Karen Bales**, and **Deborah Blum**. In a first for our Society, the meetings will begin with a nod to the fine arts, with **Stephen Nash** opening a gallery exhibit entitled "Primates in Art", followed by the traditional opening reception. Three excellent symposia are also on the schedule, dealing with neotropical primates as research models, the role of veterinarians in behavioral management, and the ecology and conservation of primates in Mesoamerica. A contributed session addressing primate behavioral endocrinology in the field, and a host of contributed presentations and posters rounds out the scientific program, so there will be plenty of new data, new ideas, and new approaches. The Program Committee and its Chair, **Marilyn Norconk** have constructed a tremendous program, and Local Host Chair **Joe Kennitz** and his team of dedicated colleagues and staff have also arranged for another wonderful venue. Both of the previous ASP meetings in Madison (1987 and 1996) were huge successes, and if the third time is indeed the charm, ASP is in for a great meeting. See you on the shores of Lake Mendota!

This essay will be my last as the 13th President of the American Society of Primatologists. Although it seems like just yesterday I received the ceremonial overhead transparency from John

Capitanio, in fact much has been accomplished in the last two years. The Board of Directors renegotiated the journal contract with Wiley-Liss, with great advantage to the Society and its members, including reduced subscription prices, better customer service support, and financial support for conference-related activities. ASP continues to be active in supporting primate conservation and research, awarding the 100th ASP



Conservation Grant in 2003. We appointed Linda Fedigan as the Editor of AJP, and her tenure began with the first

cosmetic change in the journal since it's founding – cover art. Authors are encouraged to submit primate photos with their manuscripts to ajp@ucalgary.ca. The meetings in 2003 and 2004 have had more scientific contributions than the previous meetings by a considerable amount, which suggest to me a vibrant Society that is increasingly attractive to active scientists in a wide variety of fields.

While much has indeed been accomplished during my tenure, any credit for progress must be attributed to the hard work of my colleagues on the Board of Directors, **John Capitanio**, Past President, **Steve Schapiro**, President Elect, **Toni Ziegler**, Executive Secretary, and **Evan Zucker**, Treasurer. Committee chairs are also critical for ASP's

Continued on Page 3

REMEMBRANCES OF MEETINGS PAST

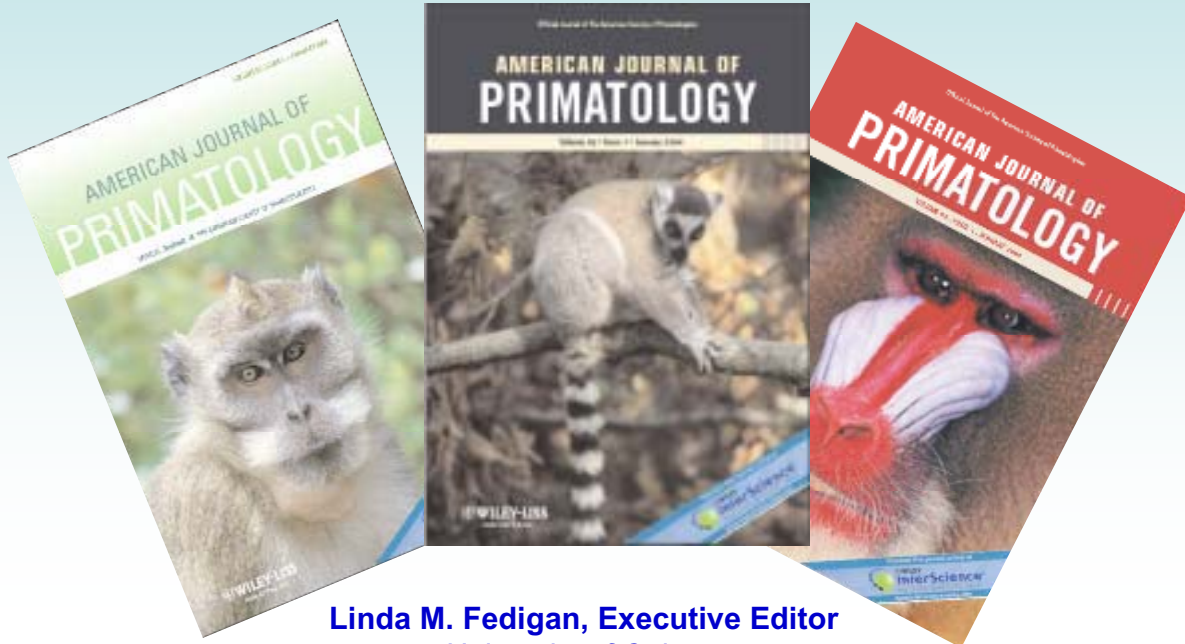
"Deep within my heart lies a melody, A song of old San Antonio..." (San Antonio Rose, by Bob Wills). I don't remember the roses, but I do remember it being hot and humid outside, and freezing and humid in the dorms! As Irwin Bernstein, President, recalled for the Bulletin: "Every meeting has it's memorable moments.... Perhaps the single most impressive were the numerous demonstration projects of primate locomotor skills with famous primatologists climbing out of windows and scaling third floor balconies as member after member discovered that the bathroom doors were designed by a manufacturer of live animal traps"! The fourth ASP meeting was held at Trinity University in San Antonio, June 2-8, 1981. Anthony Coelho was both local arrangements chair and program chair. Registration fees for that meeting were \$25....yes, that's right, and it included the reception and banquet. The first issue of the American Journal of Primatology came off the press that year, and the subscription rate for ASP members was also \$25. There was no ASP Historian yet, so you really will have to draw upon your own remembrances of meetings past!



Gabriele R. Lubach, ASP Historian

American Society of Primatologists - **ASP**

The Board of Directors of the American Society of Primatologists announces the 2004 Editorial Board for the *American Journal of Primatology*.



Linda M. Fedigan, Executive Editor
University of Calgary

Editors

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- ASP membership information:

www.asp.org/membersOnly/login/new_membership.cfm

Continued from Page 1

progress, and my sincere thanks go to the following people: Program: **Marilyn Norconk**; Education: **Sue Howell**; Conservation: **Janette Wallis**; Research/Development: **Dee Higley**; Awards/Recognition: **Gabe Lubach**; Membership/Finance: **Evan Zucker**. I gratefully acknowledge the special contributions of **Nancy Capitanio** for maintaining all of the Society's web functions. Everyone's life is easier because of Nancy's efforts. Very special and heartfelt thanks go to the co-Chairs of the Publication Committee, **Melinda Novak** and **Randy Kyes**. At a crucial point in the history of the Society and its journal, Melinda and Randy took on the Herculean task of editing *AJP* for a six month period. The other professional and personal commitments of these two individuals boggles the mind, and the Society owes a debt of gratitude to Randy and Melinda for stepping up and adding one more chore to their list. Thanks from all of us!

I look forward to seeing everyone in Madison, and ask that you provide the incoming president, Steve Schapiro, with the effort and enthusiasm that is so critical for the success of our Society and its multiple missions.

Jeff French, ASP President



THE monkey, according to Chinese mythology, has many roles — ranging from being a god-hero, and at times, with his magical staff, a master magician.

The animal is generally held as sacred, born from a stone egg, made of a rock as old as time and the essences of Heaven and Earth, according to some references.

Thus, in ushering in the Year of the Monkey, our wish is that “the master of magic” with its wand will bring the much-needed change to this “inhumane” world. This would be a perfect New Year ang-pow for all of us. To all Chinese readers, we wish you Gong Xi Fa Cai.



ASP SOFTBALL!!!



Once again the Education Committee of the American Society of Primatology proudly invites you to join them for an informal opportunity to get together and just have fun playing softball. Bring your equipment or come to watch the “pro wanna bes”. Either way its fun! Division of the teams will be decided at the time of the game (last years' New World – Old World monkeys turned into Monkeys and Apes!).

Thursday night from 9 – 11 (after posters). The field will be lit after dark.

“Reminder: Registration fees are Not Refundable.”

APPLY FOR ASP GRANTS

The American Society of Primatologists announces that applications are now being accepted for the 2004 ASP Small Research Grants and Conservation Grants. Complete details about both grant categories as well as instructions for submitting proposals online are now available on the ASP web site.

The deadline for both grant categories is APRIL 15th, 2004. Proposals will be reviewed and rated by the respective Committees during their annual meeting in June. Award decisions will be communicated shortly thereafter.

SMALL RESEARCH GRANTS: Administered by the ASP Research & Education Committee: Grant proposals are invited for either captive or wild primate-oriented research projects. Preference is given to training initiatives, start-up funds, supplementary funding for students, and innovations in animal care and research technology. Award amounts range from \$500 to \$1500, and will be for a period of one year. Note that the Small Research Grant is limited to studies with clear independent and dependent measures. We strongly encourage senior researchers to sponsor their graduate and post-doctoral students and to encourage them to apply; last year there were no applicants from laboratory settings and only one from a zoo setting.

For complete details regarding the application procedure for ASP Small Research Grants, please see: <http://www.asp.org/grants/SmallGrants/ASPSmallGrant2004.html>. Any additional questions may be directed to J. Dee Higley, Ph.D., ASP Research & Education Committee Chair. (higley@mail.nih.gov).

CONSERVATION SMALL GRANTS: Administered by the ASP Conservation Committee: 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 proposal. Award amounts range from \$500 to \$1,500.

For complete details regarding the application procedure for ASP Conservation Grants, please see: <http://www.asp.org/grants/conservationawards/ConsGrantApp2004.html>. Any additional questions may be directed to Janette Wallis, Ph.D., ASP Conservation Committee Chair (janettewallis@sbcglobal.net).

In addition to the Conservation Grant proposals, the Conservation Committee welcomes nominations for its **AJP Subscription Awards** and the **ASP Conservation Award**. Details may be found at: <http://www.asp.org/grants/ConservationAwards/AwardAnnounce2004.html>.

Login information for <http://www.asp.org/membersonly/login/login.cfm>

THE ASP SMALL RESEARCH GRANT REPORT

The role of female choice for regulation of infanticide in Hanuman langurs

(*Semnopithecus entellus*). Stanislav Lhota

Dept. of Zoology, Univ. of South Bohemia, Czech Republic



Time Budget & Changes

The study included a study on social grooming behavior, personality assessment, and play behavior. The field work started in March 2002 and ended in February 2003. The data analyses are currently underway, with some preliminary analyses already completed (these include langur personality questionnaires data and play behavior video records). The first two B.Sc. have already been completed on the preliminary results.

Data Collected and Analyses of Social dynamics and troop changes

We have recorded data on four different takeovers in our focal troops. Number of attacks by incoming males but no fatal infanticide was observed. The data were added to the broader database collected during the previous 31 months of the field work in Bhangar.

Social grooming behavior

Data on social grooming behavior have been collected by five observers in one all-male band and on two harem troops. We have collected a total of 849 grooming interactions: 175 female-female interactions, 170 female-male, 440 male-male, 62 female-infant, 2 interspecific interactions (with *Macaca mulatta*). It includes data collected during a socially unstable period, when there was a well



documented series of shifts in dominance hierarchy and in harem leadership. We have recorded individual identities and exact grooming times (in seconds, accounting for breaks), also sequences of body parts being groomed (head, face, abdominal region, back, hindlimbs, forelimbs, tail). Data on autogrooming and body are available too, as well as those on agonistic interactions, coalition forming and supportive behaviors.

The analyses are in progress. We will address the 'hygienic hypothesis' explanation of grooming behavior by testing differences between allo- and autogrooming in respect to the preferred body parts, sex, etc. The grooming distribution according to the rank and social setting will be explored in order to evaluate the hypothesis of grooming interchange and the model of biological markets.

Langur personality assessment

To assess dimensions of langur personality, four observers recorded data on a single all-male band. This group contains 30 adult individuals, 26 of them being identified and individually recognized by all observers. Data occurred between 7 a.m. and 5 p.m. The tendency was to collect behavioral data for each individual equally during the day. The total 350 hours of Focal Animal Sampling record have been collected with a use of a pre-designed ethogram. Immediately following the field study, all observers filled out the questionnaires for personality assessment in monkeys, prepared by our team in 2002. The aims of the study and the analysis were (1) to compare models of personality acquired through



analysis of the both types of data and to evaluate the relation of the subjective assessment of the observers and the behavioral traits of the individuals (2) to find out and, if possible, to correct for the methodological weaknesses of the questionnaire technique. Recently, the first stage of questionnaire analyzes have been completed. We have found a perceived synonymy of personality traits as a main methodological weakness of the method. It mirrors the human personality structure to the animal's one. Surprisingly, the correction for interobserver reliability strengthens this effects and makes the data even more invalid. On the other hand, the perceived synonymy can be recognized in the data set and corrected for. It may have important implications for understanding the previously published results of questionnaire studies in animals.

Play behavior

Two observers have collected a total of 50 hours of video record of play behavior in langur infants and juveniles from a harem and an all-male group. The record is being analyzed to test several hypotheses concerning the role of self-handicapping during the play. A detailed play ethogram has been prepared and all the recognized components were classified according to pre-designed criteria to evaluate their degree of ritualization and the possible self-handicapping modes. The resulting data are being quantified for various types of play. Comparison with data we have collected for other monkey species (*Erythrocebus patas*, *Cercopithecus diana*, *Cercopithecus neglectus*) is underway.



EBOLA MAY COME FROM 'BUSH MEAT'

January 15 2004 at 08:18PM

Reuters By Maggie Fox

Washington - The deadly Ebola virus, which emerged mysteriously from African forests, probably attacks people who butcher and eat infected animals, researchers said on Thursday.

The virus, which most recently killed 29 people in the Congo Republic, seems to break out when people slaughter chimpanzees, gorillas and small antelopes called duikers, the scientists said.

"Humans and duikers scavenging for meat probably became infected by contact with dead apes," they wrote in their report, published in Friday's issue of the journal Science.

'Animal mortality always preceded the first human cases' "Almost all human Ebola outbreaks in Gabon and the Republic of Congo have been linked to the handling of dead animals by villagers or hunters, and increased animal mortality always preceded the first human cases," added the international team of researchers, led by Eric Leroy of the Development Research Institute in Gabon.

They said health workers may be able to get a warning of Ebola outbreaks when large numbers of dead animals start appearing in forests.

Ebola first appeared in 1976 and causes a particularly frightening and deadly form of hemorrhagic fever. Patients die of shock but may bleed internally and externally. Depending on the strain of virus, it kills between 50 and 90 percent of patients. Leroy and colleagues studied several outbreaks in central Africa and said villagers, and they themselves, found many dead animals just around the time of an outbreak. 'Patients die of shock'.

They also found that great apes such as chimps and gorillas could be infected, although the original source of the virus remains unknown.

"The human outbreaks consisted of multiple simultaneous epidemics caused by different viral strains, and each epidemic resulted from the handling of a distinct gorilla, chimpanzee or duiker carcass," they wrote.

"These animal populations declined markedly during human Ebola outbreaks, apparently as a result of Ebola infection. Recovered carcasses were infected by a variety of Ebola strains, suggesting that Ebola outbreaks in great apes result from multiple virus introductions from the natural host." This natural host, or reservoir, is likely to be an animal that is not made ill by the virus, scientists say.

Gorillas in particular have been hard-hit by Ebola, the researchers noted. Along with poaching and habitat loss, this could lead to their extinction in western Central Africa, they said.

Many people in Africa depend on apes and monkeys - known as bush meat - for food. But some governments are trying to discourage the practice because many apes are endangered.

And other viruses, including the HIV virus that causes Aids, are believed to have come from chimps and other close relatives of humans.

"Now we know that the virus doesn't 'spread' as much as it spills over from many sources in the forest," said Dr William Karesh of the New York-based Wildlife Conservation Society, who worked on the study.

Karesh, Leroy and colleagues found that one outbreak between October 2001 and May 2003 was caused by eight viral strains originating from different areas.

The Chimpanzee Species Survival Plan presents The 2004 Chimpanzee Care and Management Workshop June 18-20, 2004 St. Louis Zoo, St. Louis, Missouri

A comprehensive three-day course covering all aspects of progressive chimpanzee husbandry. Topics include managing complex social groups, operant conditioning training, social introductions, contraception strategies and enrichment programs. Registration is \$65 and includes program materials and lunches. Limited space available. For information and registration material, contact Steve Ross, Chimpanzee SSP Coordinator: ross@lpzoo.org.

The Chimpanzee Species Survival Plan is a intergrated management plan for chimpanzees living in AZA-accredited zoos across North America.

The program assists institutions with population planning, research projects, conservation initiatives, education plans and husbandry strategies. Learn more about SSPs at <http://www.aza.org/ConScience/#ssp>

II SIMPOSIO DE PRIMATES: UN ENFOQUE MULTIDISCIPLINARIO (154)

Date: October 26, 2004 - October 29, 2004. **Location:** Economic and Social Sciences of the Central University of Venezuela. **Contacts:** Phisic Antropologist: Braulio Hernandez macrhesus@hotmail.com **Biol:** Elisa Horta garota_57@hotmail.com **Focus:** The preliminary themes of the congress includes: Anatomy and Human Morphology, Prehispanic Osteology, Forensic Anthropology and human rights, Populations Genetic, Physical Anthropology and Health, Anthropology and Sport, Pale anthropology and human Ecology, Biodemography, Epistemological problematic of the Physical Anthropology, Professional Formation of the Physical Anthropologists, Bioethics. **Registration:** Varies \$35 - \$125 **Abstract:** Deadline May 31, 2004. **Contact:** See Focus Above, Central University of Venezuela, Venezuela. **Web site:** http://www.primate.wisc.edu/pin/venezuela_congress.doc

MICHALE E. KEELING, D.V.M. (1942-2003)



Michale E. Keeling, D.V.M., chairman of the Department of Veterinary Sciences at The University of Texas M. D. Anderson Cancer Center, died prematurely on Dec. 21, 2003. He was 61 years old.

Mike began his primate medicine career at Ft. Detrick after graduating from Texas A&M University in 1966. For the 6 years prior to his arrival at M. D. Anderson, Mike served as

clinical veterinarian at the Yerkes Regional (now National) Primate Research Center. From 1974 until 2003, he was chairman of the Department of Veterinary Sciences, home to NIH-supported colonies of chimpanzees and SPF rhesus monkeys. During his tenure at M. D. Anderson, Mike was PI or co-PI on primate management and research grants/contracts that totaled over \$57,000,000.

Mike was a critical member of the laboratory animal science and medical primatology communities. He was a founding member of the Association of Primate Veterinarians and served as their President in 1984-85. He also served as President of the American Society of Laboratory Animal Practitioners (1986-87) and on the Council of the Association for Assessment and Accreditation for Laboratory Animal Care, International (1994-2000). He was an active member of AALAS, ASP, the Veterinary Cancer Society, and the Texas Academy of Veterinary Practice. During his career, Mike also served on the scientific advisory boards of Chimp Haven, and the Wisconsin and Tulane Primate Research Centers. In addition, he served as a veterinary consultant at many research facilities and companies in the United States and abroad.

Mike co-authored over 75 articles and book chapters and served on the Editorial Board of the *American Journal of Primatology* from 1980-1992 and as an *ad hoc* reviewer for *Zoo Biology*, *National Geographic*, *Laboratory Animal Science* and the *Journal of Medical Primatology*.

The welfare of laboratory animals, particularly nonhuman primates, was one of Mike's greatest concerns. He served as a member or chairman on a variety of ILAR, USDA/APHIS, and AVMA animal advisory committees, chairing the ILAR Advisory Committee on Psychological Well-Being of Nonhuman Primates in 1988. Mike held two patents for primate caging-related designs.

Although Mike did not attend every ASP meeting, he was a strong supporter of ASP and primatology. His department hosted the 1998 ASP meeting (along with Southwestern University) and was the home of the ASP Treasury for 6 years. For the past 12 years, his department has hosted the annual (more or less) Primate Training and Enrichment Workshops.

Mike was particularly supportive of efforts to incorporate behavioral management strategies into the management of colonies of captive nonhuman primates. Many of those working in the field of applied behavioral management have been positively affected by the foresight, efforts, and influence of Mike Keeling. More importantly, the lives of many captive nonhuman primates have been positively affected by the vision and work of Mike Keeling.

Mike was planning to retire in 2004, but we are still not prepared to replace him. Primate medicine, primate behavioral management, and primatology in general, have suffered a great loss. We are continuing to pursue the vision that Mike pursued, emphasizing goals that optimize both the utility and the well-being of nonhuman primates as animal models for critical research efforts aimed at improving human health.

Although this is a "professional" communication, Mike was a devoted family man and member of his community. While primatology has suffered a great loss, it pales in comparison to the loss suffered by his family and community.

Steve Schapiro

The Nominations Committee has arrived at a final slate of candidates for our upcoming election. The nominees are... (didn't they use that line in the Academy Awards??):

President-Elect:

Chris Abee
Suzette Tardif

Executive Secretary:

Karen Bales
Toni Ziegler

Treasurer:

Julie Worlein
Evan Zucker



NEW from Oxford University Press

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*Edited by Bernard Chapais,
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ASP 2004 MADISON MEETINGS

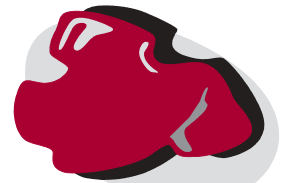
*** Auction * Action * Auction * Action * Auction * Action * Auction ***

Call for Action!

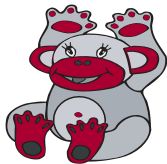
Conservation Auction — Arts and crafts!!



It's that time again. Time to start thinking about donating items to the ASP Conservation Silent Auction. The Auction has become a major event at the annual conference...both as a great way to raise money for the Conservation Fund and as a focal point for socializing.



Items with primate themes are the most popular auction choices, but all kinds of donations are accepted. You can bring them with you to the conference or mail them in advance to:



ASP

Conservation Auction
c/o Edi Chan at Wisconsin Primate Research Center, 1220 Capitol Court, Room 207, Madison, WI 53715-1299. Please clearly label your items ASP auction items.



Even if you're not attending the meeting, your donated items will be welcomed and appreciated. The auction has become an anticipated event and an important fund-raising activity. Remember: your contribution to the auction is a contribution to primate conservation.



Please feel free to contact me with any questions at:
janettewallis@sbcglobal.net.
— Janette Wallis, ASP Conservation Committee Chair.

*** Auction * Action * Auction * Action * Auction * Action * Auction ***

STAYING IN MADISON FOR THE MEETINGS



Facility
Estimated Rate (CAD) per night
Accommodation
Contact
Information
University

Housing double: \$36.25; single: \$53.50
Dormitory, Dorm Housing Form (online)

The Best Western Inn on the Park
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Here are the Amazon figures for 4th quarter 2003.

Total revenue from shipped Amazon items this quarter:	\$2,861.96
Total revenue from shipped Marketplace items this quarter:	\$ 454.04
Total returns from customers this quarter:	\$ 0.00
Total refunds to customers this quarter:	\$ 15.98
Total qualifying revenue:	\$3,300.02
Referral fees for this quarter:	\$ 125.08
Credit for referral fees from previous quarters:	\$ 0.00
Total Earnings:	\$ 125.08

KEEP ORDERING THROUGH THE ASP WEBSITE!

ASP 2004 MADISON MEETINGS

ASP 2004 - PROGRAM OVERVIEW

Tuesday, June 8th, 2004		
1:00 PM – 6:00 PM • Registration, Exhibitor and Silent Auction Set-up • Main Lounge, Memorial Union		
1:00 PM – 5:00 PM Standing Committee Meetings Memorial Union (various rooms, see Conference Schedule)	6:00 PM – 7:00 PM Invited speaker, Stephen Nash “PRIMATES IN ART” Memorial Union Theatre	
7:00 PM – 10:00 PM • Opening Reception • Memorial Union, Main Lounge		
Wednesday, June 9th, 2004		
Morning	6:30 AM – 8:00 AM • Past President’s Breakfast^a Capitol View Room	
	7:00AM – 8:30 AM • Continental breakfast • Memorial Union Theatre Lobby	
	8:00 AM – 12:00 PM Poster set-up Tripp Commons	8:00 AM – 8:30 AM Opening Remarks Science Theatres 148
	8:30 AM – 9:30 AM Keynote Address: Joan Silk “THE ADAPTIVE VALUE OF SOCIAL BONDS” Memorial Union Theatre	
	9:45 AM – 12:00 PM Session 1: Contributed Papers: Endocrinology, Physiology, Immunology • Play Circle	9:45 AM – 11:45 AM Session 2: Contributed Papers: Nutrition, Ecology, Conservation • Memorial Union Theatre
Afternoon	12:00 PM – 1:30 PM Lunch (Tripp Commons)	12:00 PM – 1:30 PM Editorial Board Meeting (lunch) • Capitol View Room
	1:30 PM – 4:00 PM Session 3: Symposium: The Veterinarian’s Role in Behavioral Management • Play Circle	1:30 PM – 3:45 PM Session 4: Contributed Papers: Infant Development and Maternal Behavior • Memorial Union Theatre
	1:30 PM – 4:00 PM • Session 5: Roundtable: Primate Research and Public Information Class of 24 Reception Room	
Evening	4:00 PM – 6:00 PM Reception in the library of the National Primate Research Center	7:00 PM – 9:30 PM Session 6: Poster Session I: Conservation, Ecology, Infant Development and Maternal Behavior, Social Behavior • Tripp Commons
Thursday, June 10th, 2004		
Morning	7:00AM – 8:30 AM • Continental breakfast, Memorial Union Theatre Lobby	
	8:00 AM – 12:00 PM • Poster set-up • Tripp Commons	
	8:30 AM – 10:00 AM • Session 7: Contributed papers: Social Behavior I • Memorial Union Theatre	
	8:15 AM – 11:45 AM Session 8: Symposium: New Perspectives in Mesoamerican Primatology, Behavior and Ecology • Play Circle	
	10:15 AM – 11:45 AM Session 9: Contributed Papers: Social Behavior II Memorial Union Theatre	
Afternoon	11:45 AM – 1:15PM Lunch (Tripp Commons)	11:45 AM – 1:15 PM Board of Directors Meeting Capitol View Room
	1:30 PM – 2:30 PM Featured Speaker: Karen L. Bales “PRIMATES, PRAIRIE VOLES, AND THE PHYSIOLOGY OF LOVE AND FEAR” • Memorial Union Theatre	
	2:45 PM – 4:00 PM Session 10: Contributed Papers: Colony Management • Memorial Union Theatre	2:45 PM – 4:45 PM Session 11: Workshop: Primate Aging Database Class of 24 Reception Room
Evening	2:45 PM – 5:00 PM Session 12: Symposium New Perspectives in Mesoamerican Primatology: Behavior and Ecology Play Circle	

ASP 2004 MADISON MEETINGS

ASP 2004 - PROGRAM OVERVIEW

Thursday, June 10th, 2004		
Evening continued	5:00 PM – 7:00 PM • Executive Committee Meeting • Capitol View Room	
	7:00 PM – 9:00 PM Session 13: Poster Session II: Biomedicine, Breeding/Reproduction, Colony Management/Enrichment, Nutrition, Genetics, Learning/Cognition/Language • Tripp Commons	
	9:00 PM • Bright at Night Softball Extravaganza • Location TBA	
Friday, June 11th, 2004		
Morning	7:00AM – 8:30 AM • Continental breakfast, Memorial Theatres Lobby	
	8:00 AM – 9:15 AM Session 14: Contributed Papers – Breeding and Reproduction Play Circle	8:00 AM – 9:15 AM Session 15: Contributed Papers – Learning, Cognition, Language I Memorial Union Theatre
	8:30 AM – 11:30 AM Session 16: Roundtable – Understanding and Managing Self-injurious Behavior in Nonhuman Primates Class of 24 Reception Room	
	9:45 AM – 11:45 AM Session 17: Symposium – Advances in Field-based Studies of Primate Behavioral Endocrinology Play Circle	
	11:30 AM to 1:00PM Lunch (Tripp Commons)	
Afternoon	1:00 PM – 2:00 PM Featured Speaker: Deborah Blum “HOW A SCIENCE JOURNALIST TOOK A SECOND LOOK AT THE BRILLIANT AND CONTROVERSIAL PRIMATOLOGIST: HARRY F. HARLOW” Memorial Union Theatre	
	2:30 PM • Silent Auction Closing	
	2:15 PM – 4:15 PM • Session 18: Contributed Papers – Learning, Cognition, Language II Memorial Union Theatre	2:15 PM – 4:45 PM Session 19: Symposium – Research in Neotropical Primates • Play Circle
Evening	4:45 PM – 6:15 PM • Business Meeting • Memorial Union Theatre	
	7:00 PM to Midnight • Banquet • Memorial Union, Great Hall	



POSTER SESSIONS

The two-sided poster boards are 3 1/2 feet by 5 1/2 feet. Push pins will be provided. Set up of poster boards will be on Wednesday and Thursday, June 9 and 10

from 8:00 a.m. to 12:00 Noon. The Poster session receptions will be held on Wednesday and Thursday between 7:00 p.m. and 9:00 p.m. in Tripp Commons.

AUCTION ITEMS

Please send auction items to Edi Chan at Wisconsin Primate Research Center, 1220 Capitol Court, Room 207, Madison, WI 53715-1299. Please clearly label your items ASP auction items.

Warm-up room available: We will use the Green room for a warm-up room during the conference. The

Green room will be available from 8:00 a.m. to 4:30 p.m. from Wednesday, June 9 to Friday, June 11.

IF YOU HAVE ANY SPECIAL NEEDS FOR ATTENDING THE ASP MEETINGS, PLEASE CONTACT EDI CHAN (CHAN@PRIMATE.WISC.EDU) BY MAY 15TH. WE HAVE TO KNOW IN ADVANCE OF THE MEETING.
THANKS,
LOCAL ARRANGEMENTS COMMITTEE

The Dewar Wildlife Trust is pleased to announce the winners of the 2004 Debbie McGuire Gorilla Keeper Grant. Each year a total of \$1,000 is awarded to a gorilla keeper (past or present) whose application demonstrates the desire to use the funds to help them help the gorillas in their care.

This year, we received six applications, listed in order of receipt:

1. Lesna Zoo, Czech Republic - gorilla keeper
2. Park Ranger, Rwanda (nomination)
3. Albuquerque, New Mexico, USA - gorilla keeper (nomination)
4. Johannesburg Zoo, South Africa - great ape curator
5. Paignton Zoo, England - research assistant
6. Prague Zoo, Czech Republic - gorilla keeper

Voted on by the Gorilla Haven Board of Advisors and some special friends by ranking each application, the 2003 DM Grant was a tie between C. Shankara of Mysore Zoo, India and Juanvicente Santana of Madrid Zoo, Spain, each receiving \$500. In 2004, we have another tie, with the \$1,000 DM grant being split and awarded between: Marcela Chekova, gorilla keeper at Lesna Zoo in the Czech Republic and Jean-Damascene Hakizimana, gorilla tracker and park guard in Rwanda. Marcela and Jean-Damascene will each receive \$500 to use to help them in their continuing efforts to help gorillas in their care. More details of the current and past winners will be included in the next Gorilla Gazette, which we hope to have out by the spring. But we wanted to announce and publicly congratulate the 2004 winners at this time!

Applications for the 2005 DM Grant are due by November 1, 2004. For more details, please contact me. Thank you. Happy New Year!

Jane Dewar
Founder, Gorilla Haven
www.gorilla-haven.org

ANDERSON BITTY, CÔTE D'IVOIRE, RECEIVES ASP'S 2003 CONSERVATION AWARD

In 2003, the ASP Conservation Committee gave its Conservation Award to Mr. Anderson Bitty of Côte d'Ivoire. Nominated by Dr. Scott McGraw, Anderson has not only excelled in field research, but has shown uncommon bravery in the face of political uncertainty. The American Society of Primatologists congratulates Anderson and applauds his devotion to primate conservation.

Security concerns within his country have delayed an official awards ceremony until a later date. We will share information about the ceremony when it occurs. In the meantime, a small celebration was arranged earlier this month (March, 2004). The following report was submitted by Anderson's colleague, 'Koné Inza. —*Janette Wallis, Ph.D., Chair ASP Conservation Committee.*

Sympathetic ceremony for Anderson Bitty in Abidjan, Côte d'Ivoire. Anderson Bitty, the winner of the American Society of Primatologists' (ASP) Conservation Award, is from Côte d'Ivoire, West Africa. He is a Ph.D. student from the University of Cocody, Abidjan, and a scholar of the Taï Monkey Project (TMP), one of the long-term projects of the Centre Suisse de Recherches Scientifiques en Côte d'Ivoire (CSRS). The TMP carries out



Anderson Bitty, holding the temporary certificate for the Conservation Award of the American Society of Primatology for Non-US citizens, together with Koné (left), Girardin and Refisch (right).

research on monkey behavior, evolution and rainforest ecology, and welcomes students and researchers from all over the world including the host country. Anderson studies positional and locomotive behavior in *Cercopithecus nictitans* in relation to physical and ecological constraints. He is under the supervision of Dr. Scott McGraw from the Ohio State University. Anderson is currently involved in an awareness campaign for the conservation of the Taï National Park (TNP) listed as a world heritage site. In fact, the TNP is one of the last refuges in West Africa for many plant and animal species - including monkey species. The park suffered from increased poaching when research and surveillance activities were largely stopped during the recent Ivorian crisis. Anderson was among the first to resume research and sensitize adjacent populations when the socio-political situation started improving.

On March 12th, 2004, his colleagues and friends honored Anderson Bitty at the CSRS. Dr. Refisch, one of the four co-directors of the TMP, represented Dr. McGraw. Refisch provided information on the award and presented Anderson as a hardworking gentleman who fully deserved the prize. It was announced that an official ceremony including the Ambassador of the USA to the Côte d'Ivoire and perhaps an ASP representative would be organized at a later stage. Meanwhile, Dr. Olivier Girardin, Director of the CSRS, gave Anderson a temporary certificate of the award in the name of Dr. Janette Wallis, the ASP Conservation Committee Chair. Girardin congratulated Anderson for his success and stressed the important role that he had played in the management of the TMP during the difficult times when expatriate researchers could not enter Taï. He encouraged Anderson to continue the good work and acknowledged his pioneering role for Ivorian students specializing in primatology. Anderson received his temporary certificate and check with emotion and declared that he considered the award as a strong incentive for working harder. He concluded by thanking everyone who is supporting him, in particular the CSRS and the TMP. At the end of the ceremony, lunch was offered to the participants.

Abidjan, March 2004, Koné Inza

PRIMATES IN SCIENCE! – Not-So-Wild Monkey Sex

13 February 2004 Vol 303 Science



CREDIT: J. LENON/WPRC

Male marmosets analyze female scents

Male marmosets don't act like animals when it comes to sex. When sniffing out a potential mate, their whole brains, including regions used in decision-making, zing with activity—just as happens with humans, new research shows. Some scientists believe a full-brain

response to sexual stimulation occurs only in humans. But a national team led by Craig Ferris of the University of Massachusetts Medical School and Charles Snowdon of the University of Wisconsin, Madison has shown that may not be true. Using New World marmosets—which employ smell much more than sight—the researchers put male monkeys into a magnetic resonance imaging machine and gave them wooden discs to smell that had been impregnated with the scent of either ovulating females or females whose ovaries had been removed. Multiple regions of the monkey brains ramped up activity in response to the ovulation scents, the researchers report in the February issue of the *Journal of Magnetic Resonance Imaging*. The

males appear to be making cognitive decisions about what they are smelling, says Snowdon, suggesting that they are fussy about whom they breed with. Primatologist Fred Bercovitch of the Center for Reproduction of Endangered Species in San Diego says the study suggests that human-type—that is, discerning—sexual behavior is rooted farther back in evolution than some think. Other investigators on the project were: Jean A. King, John M. Sullivan, Toni E. Ziegler, David P. Olson, Nancy J. Schultz-Darken, Pamela L. Tannenbaum, Reinhold Ludwig, Ziji Wu, Almuth Einsapnier, J. Thomas Vaughan and Timothy Q Duong.

MARY BECKMAN

MEETINGS

Announcement for the Inaugural Meeting of the Marmoset Research Group of the Americas (MaRGA)

June 13-14, 2004 in Madison, Wisconsin

The inaugural meeting of the Marmoset Research Group of the Americas will be held immediately following the 2004 ASP meeting in Madison. All sessions will be held in the Memorial Union on the campus of the University of Wisconsin at Madison.

The general theme of the meeting is "Marmosets in Life Span Research".

Keynote speaker: Dr. Steve Austad

The 2 day meeting will be divided into 4 half-day sessions

covering these areas of interest:

- * Clinical Care & Pathology
- * Neuroscience & Behavior
- * Nutrition
- * Physiology & Immunology

Featured speakers:

- * Dr. Craig Ferris
- * Dr. Claude Genain
- * Dr. Keith Mansfield
- * Dr. Michael Power

The meeting will be hosted by the Wisconsin Primate Research Center, the Southwest National Primate Research Center and the New England National

Primate Research Center. If you are already attending ASP, you'll need to extend your hotel arrangements if you plan to also attend MaRGA.

Check out the website for more information: http://www.unomaha.edu/~marga/marga_index.html

IX SIMPOSIO DE ANTROPOLOGÍA FÍSICA (155)

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://www.primate.wisc.edu/pin/>

IX SIMPOSIO DE ANTROPOLOGIA FMSICA

Balancing Animal Welfare, GLP, and Regulatory Compliance in Preclinical Studies. OLAW-FDA-NIH-USDA-AAALAC-ICCVAM June 29-30, 2004

The Westin Detroit Metropolitan Airport <http://www.starwood.com/westin/index.html> or 1-800-937-8461
Preclinical GLP animal studies required

for regulatory approval of safety assessment have different scientific objectives compared to efficacy studies and pose challenges for animal welfare and compliance issues. While international efforts to standardize regulations and study designs and to promote the principles of reduction, replacement, and refinement (the 3Rs) have reduced animal use, animal research will continue to play important roles well into the 21st century; scientists, veterinarians, regulators, and the public will determine how those research activities are conducted. However, current positions and thinking within and between Stakeholders are not congruent and impact research and animal welfare standards and public trust. This Conference brings together internationally recognized leaders of the scientific and regulatory communities to identify and to propose harmonization of animal welfare in biomedical research.

Keynote presentations:

Animal Efficacy & Safety Studies:
Criteria for Experimental Endpoints,

Bioethics: Revisiting the 3Rs Public Perceptions, Bioterrorism Research:

Continued on Page 12

MEETINGS CONTINUED

What can we expect? **Panel presentations:** - Roles & Responsibilities in Animal Research: Study Director; Attending Veterinarian; Quality Assurance; IACUC - Animal Welfare, FDA & EPA - Viewpoints on Animal Studies Required for Human Protection: GLP safety studies; Toxicology; Safety pharmacology; Efficacy animal studies; Devices - Regulatory and compliance issues: FDA; EPA; NIH; USDA; AAALAC - International harmonization: OECD-EU issues; Japan and other Pacific Rim

issues; Pharma in emerging nations; ICLAS issues - Integration of Academic, Contract, and Industrial Animal Research Activities: Entrepreneurial academic initiatives focusing on cooperative programs with biotechnology and pharmaceutical companies; GLP in the academic research environment; Industrial research perspectives; Contract facility perspectives - Animal Welfare Issues in Research in Homeland Defense, Security, and Bioterrorism. **Target audience:** study directors,

investigators, veterinarians, animal facility managers, quality assurance, IACUC members and staff, regulators. Watch for registration information and fees to be announced in March. To be placed on the email distribution list, send a message to <phm@msu.edu> with CONFERENCE in the subject line. This conference follows IACUC 101 to be held on Monday, June 28. Contact mismr@umich.edu for more information.

EDUCATION AND FIELD OPPORTUNITIES

Position Category: Educational Programs, Internships, Field Courses
Title of Position: Field Course in Primate Behavior, Ecology and Conservation in Costa Rica
Hiring Organization: El Zota Biological Field Station and Iowa State University
Street Address: Department of Anthropology, 324 Curtiss Hall, Ames, Iowa, USA
Position Description: El Zota Biological Field School invites you to participate in a four week field course in Primate Behavioral Ecology and Conservation from June 16 to July 12, and July 15 to August 10, 2004. El Zota is a 1000 hectare lowland wet tropical forest reserve located in northeastern Costa Rica. Students spend the beginning of the course learning methods of studying animal behavior and wildlife census, as well as ecological methods of assessing food availability for primates and forest structure. During the latter half of the course, students plan, conduct and present research in an independent project on one of the 3 primate species at El Zota: black-handed spider monkey, howling monkey, or white-faced capuchin. Students can earn university credits through Iowa State University. El Zota Biological Field School is affiliated with the non-profit organization DANTA: Association for Conservation of the Tropics and a portion of each students fees are set aside for conservation of tropical forest in this region of Costa Rica.

Qualifications: University students are welcome from any discipline, but some course background in Biological Anthropology or the Biological Sciences is recommended. **Salary/funding:** Course cost is \$1350.00 and includes all lodging, meals, travel within Costa Rica and a mid-course trip. Not included in price: Airfare to San Jose, Costa Rica, books, insurance, vaccinations, incidentals. Support provided for internship/volunteer positions (travel, meals, lodging): Students that have attended courses at El Zota are eligible for internships at the field site. Limited scholarships through DANTA are also available. **Term of Appointment: First Course:** June 16- July 12, 2004; **Second Course:** July 15 - August 10, 2004 **Application Deadline:** May 1, 2004 **Comments:** Other courses taught at El Zota include Tropical Herpetology, Tropical Ornithology and Tropical Ecology. Please visit our website for more information: www.esu.edu/~tcladuke/el_zota/index_e_z **Contact Information:** Dr. Jill D. Pruett, Iowa State University, Department of Anthropology, 324 Curtiss Hall, Ames, Iowa 50011 USA **Telephone number:** 515 294-5150 **Fax number:** 515 294-1708 **E-mail address:** pruetz@iastate.edu

The Chimpanzee & Human Communication Institute (CHCI) is currently taking applications for our 10

week Summer Apprentice Program. Graduates, undergraduates, and post-graduates from various academic backgrounds (e.g. Anthropology, Biology, Psychology, Linguistics, Philosophy, etc.) are encouraged to apply. This program is open to students from all universities and post-graduates. The dates of the program are June 13, 2004 to August 20, 2004.

The research at CHCI involves a group of four chimpanzees who use the signs of American Sign Language (ASL). Three of the four, Washoe, Tatu, and Dar, were part of the cross-fostering research that began with Drs. R.A. & B.T. Gardner. Each chimpanzee was raised in an enriched environment in which his or her human family members used only ASL, much like the environment in which a deaf human child grows up. The fourth chimpanzee, Loulis, was adopted by Washoe in 1978 and learned his signs from other chimpanzees as a focus of research done by the co-directors of CHCI, Dr. Roger and Deborah Fouts. Currently, the chimpanzees reside at the CHCI on the campus of Central Washington University in Ellensburg, WA in a large state-of-the-art facility.

Apprentices are at the institute daily, cleaning enclosures, preparing meals and enrichment, making observations of the chimpanzees, and participating in one or more research projects. The first week is intensive training in laboratory

Continued on Page 13

EDUCATION AND FIELD OPPORTUNITIES CONTINUED

jobs and chimpanzee behaviors. The philosophy of CHCI is that the needs of the chimpanzees come first. Apprentices are trained in humane care and research techniques.

The program fee is \$1800 and there is a non-refundable \$25 application processing fee. This does not include housing and transportation. Inexpensive housing is available on campus. A course in ASL is highly recommended but not required. For more information on the program and the application please see our web page at or contact Dr. Mary Lee Jensvold, CHCI, CWU, Ellensburg, WA 98926 summerapprentice@hotmail.com. The deadline to apply is March 24, 2004.

Listing of summer internships opportunities for undergraduate students that is accessed through the FUN webpage (funfaculty.org). To review it, you can access it at: <<http://www.psych.westminster.edu/psybio/internops.htm>><http://www.psych.westminster.edu/psybio/internops.htm> Send information to: <<mailto:gittisa@westminster.edu>>gittisa@westminster.edu

-Alan Gitti

Position Description: The Center for Education Abroad, in conjunction with the Universidad Nacional de Guinea Ecuatorial (UNGE), offers a unique opportunity to study tropical biodiversity conservation in Equatorial Guinea on the island of Bioko. As home to one of Africa's greatest concentration of endangered primates and with ecosystems ranging from black



sand beaches, mangrove and lowland rain forest to alpine shrub lands at more than 10,000 feet above sea level. Bioko Island is an ideal setting for students

interested in becoming actively involved in field biology and conservation. Bioko Island is an 800 square mile island located 20 miles off the coast of Cameroon in Africa's Gulf of Guinea.

Bioko Island is home to fewer than 100,000 people, and almost all are concentrated in the capital city of Malabo.

Through intensive academic coursework and extensive field study,



the program aims to cultivate an appreciation for tropical ecosystems and their preservation as part of the development and economic growth of Equatorial Guinea, an emerging, Spanish-speaking African country with newfound oil wealth.

Arcadia University has exceptional experience in Equatorial Guinea, having operated the Bioko Biodiversity Protection Program (BBPP) in conjunction with the Universidad Nacional de Guinea Ecuatorial since 1996. The program, dedicated to protecting the wildlife of Bioko Island, sponsors an annual expedition of scientists, undergraduates and adult volunteers to the island.

All courses, with the exception of Spanish, are taught in English. The fall 2004 semester program, which runs for 15 weeks, awards 16 semester hours of credit. Students begin with a comprehensive, two-week orientation at Arcadia University and then travel to Equatorial Guinea to complete academic coursework and related extensive field study.

For the academic component of the program, students are required to choose four courses from among the following: • Biological Research Methods (4 credits) • Conservation Biology (4 credits) • Natural Resource

Economics (4 credits) • Elementary Statistics (4 credits) • West African History and Culture (4 credits) • Spanish (4 credits)

Field study, a major component of the program, involves projects that include conducting a monkey census in the nearby forests and mountains, and




surveying Bioko Island's rain forests, alpine plants, butterflies, and freshwater lakes.

Students will live on Bioko Island in the capital city of Malabo within

walking distance of UNGE.

Accommodation includes a double room in a house or apartment with shared bath, kitchen and dining facilities. **Qualifications:** This program can accommodate only a very limited number of students. Because of these size limitations, the challenges of living in a developing country and the program's intensive fieldwork and academic studies, students must have strong interest in biodiversity conservation, as well as possess emotional maturity, intellectual curiosity, cultural tolerance and an ability to make independent decisions. Additionally, before they arrive in Equatorial Guinea, students must have completed one year of college-level Spanish or have fluency in French (the other official language of Equatorial Guinea). **Salary/funding:** Course cost will be approximately \$9,500, which includes tuitions, housing, orientation, health and accident insurance and provision for an Arcadia University transcript. Airfare, meals, books, personal/property/travel insurance and immunizations are not included.

Support: All federal financial aid is applicable to this study abroad program. Your home institution or Arcadia University's Office of Enrollment Management can process this aid for you. **Term of Appointment:** September 13 – December 17, 2004. 

JOB OPPORTUNITIES

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 WNPRC is administratively located in the Graduate School at the University of Wisconsin-Madison and is one of several multidisciplinary biomedical research facilities on campus. Center faculty and staff interact with staff at all levels in the Graduate School, Medical School, School of Veterinary Medicine, College of Agriculture and Life Sciences, and the College of Letters and Science.

Three clinical veterinarians will assist the successful applicant. Responsibilities include, but are not limited to, maintaining all practices in accordance with AAALAC-I standards, the Guide for the Care and Use of Animals, and the Animal Welfare regulations; designing and implementing programs of preventive medicine for the non-human primate colony; overseeing the surgical facility; assuring primate center compliance with the UW occupational health and safety program; providing employee training; supervise the animal technical aspect of the Centralized Protocol Implementation Service to assure the highest quality of animal handling; and direct supervision of the Colony Managers in the daily management of the animal care program. The successful applicant will be responsible for providing clinical and surgical support as necessary, in the absence of other clinical veterinary staff.

The successful candidate will assist research staff in developing grant

proposals, animal care and use protocols, and provide continued consultation and training during the course of their projects. The successful applicant will also pursue establishment of strong training links with the School of Veterinary Medicine and provide opportunities for veterinary students interested in lab animal medicine to obtain experience in the field.

Qualifications: 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/funding: Salary will be commensurate with qualifications and experience.

Application Deadline: Until filled

For more information visit the University of Wisconsin website at <http://www.ohr.wisc.edu/apo/employment/index.htm>.

Contact Information: Susan Baculik, Human Resources Manager Wisconsin National Primate Research Center, 1220 Capitol Ct., Madison, WI 53711, USA, Fax number: 608-262-8946 E-mail address: sbaculik@primate.wisc.edu

Position Category: Professional
Title of Position: Clinical Veterinarian / Deputy Director Hiring
Organization: Chimp Haven, Inc.

Street Address: 710 Spring Street, 2nd Floor, Shreveport, Louisiana, USA

Position Description: Position available for veterinarian to provide clinical care and management for colony of chimpanzees retired from medical research. Responsibilities include routine and emergency health care, supervision of technical staff, oversight of the Occupational Health and Safety program, and assistance with facility management operations.

Qualifications: A veterinary degree from an accredited university, license to practice, and experience with nonhuman primates, zoo animals, or exotic species are required. Management experience and knowledge of relevant regulations and policies required. Experience with safety and biohazard procedures preferred. Board certification by ACLAM or ACZM preferred. **Salary/funding:** Please send cover letter with salary requirement, resume, references and any other supporting documentations. **Term of**

Appointment: Full Time Application
Deadline: March 31, 2003 **Comments:** Chimp Haven employees receive competitive salary and benefits, and work in a team atmosphere. Chimp Haven is an equal opportunity employer.

Contact Information: Director, Chimp Haven, Inc., 710 Spring Street, 2nd Floor, Shreveport, LA 71101, USA **Telephone number:** 318-425-0002 **Fax number:** 318-425-4250 **E-mail address:** chimphaven@shreve.net

Department of Anthropology, University of Calgary, Term Certain Appointment in Primatology

The Department of Anthropology seeks to make a term certain appointment in Primatology. This appointment is for nine months and will be filled at the rank of Assistant Professor. The position is open to all qualified applicants, although preference will be given to Canadian citizens and permanent residents of Canada. Applicants must have a Ph.D., teaching experience, and an active publication

Continued on Page 15

JOB OPPORTUNITIES CONTINUED

record. Courses to be taught include Introduction to Primatology and Human Evolution, Primate Behavior, Primate Behavior Research Methods, and Primate Behavioral Ecology and Conservation. Course load will be 2 courses in Fall term and 3 courses in Winter term. The possibility of extra spring and summer teaching opportunities exist. Salary \$40,000 (Canadian) plus benefits. There is a strong possibility that a tenure track position in Primatology will be advertised the following year.

To obtain more information about our university and department please visit our web site at www.ucalgary.ca.

Applicants should send a curriculum vitae, statement of interest, one research publication, and the names of three referees to: Dr. Usher Fleising, Department of Anthropology, University of Calgary, 2500 University Drive NW, Calgary, Alberta, Canada, T2N 1N4.

Application Deadline March 15, 2004
Position Start Date September 1, 2004

Postdoctoral Position Available

NIMH supported postdoctoral fellowships available in the Department of Psychiatry at Washington University in St. Louis in the area of behavioral and statistical genetics. Trainees will have the opportunity to work with a multidisciplinary team consisting of psychologists, psychiatrists, geneticists, and biostatisticians on several projects aimed at characterizing genetic and environmental influences contributing to the risk for alcohol dependence and related disorders, such as smoking, externalizing disorders, and drug use, in both children and adults. Trainees will have the opportunity to work on population-based, longitudinal twin projects; to work on linkage and association analyses aimed at gene identification; to develop novel phenotypes for genetic analyses; and to study gene-gene and gene-environment interaction. Applicants must be a US citizen or permanent resident. Start date is flexible. Salary is fixed by the NIMH and dependent on the number of years of experience since the terminal degree

(Ph.D., M.D.) was received. Interested applicants please send a statement describing research training and interests, curriculum vita, and the names and contact information for two references to Danielle Dick, Ph.D., Washington University School of Medicine, Department of Psychiatry, Box 8134, 660 South Euclid, St. Louis, MO 63110. For additional information about the position, please contact Danielle Dick at dickd@psychiatry.wustl.edu or 314-362-3999.

ASSOCIATE VETERINARIAN Hiring Organization: SNBL USA,

LTD. Street Address: 6605 Merrill Creek Parkway, Everett, WA 98203, USA **Position Description:** Shin Nippon Biomedical Laboratory (SNBL) USA is a rapidly growing contract research organization (CRO) located in Everett, WA. Through a commitment to investment and excellence, SNBL USA is able to offer the biotechnology and pharmaceutical industries high quality science and service.

As part of the Veterinary Services Team, the Associate Veterinarian will examine, diagnose and treat laboratory animals used in GLP and non-GLP scientific research studies to ensure: (1) overall health; (2) compliance with regulations governing their humane and ethical treatment in support of study conduct; and (3) maintain compliance with FDA, OECD and MHW GLP regulations. The Associate Veterinarian will provide professional leadership in the care and resolution of complex medical cases; assist in the design and implementation of the preventative medicine program; provide training and staff oversight regarding technical procedures and appropriate and humane use of animals; develop, review, revise and implement Standard Operating Procedures (SOP); participate in the Institutional Animal Care & Use Committee; screen and select animals for specific research based on knowledge of species and research principles and techniques; develop animal models for experimental studies; provide consultation to staff

on veterinary and comparative medical information related to experimental study design and results. SNBL USA offers a competitive salary and benefits package along with a team-oriented, professional work environment. If interested, please forward a cover letter and CV to: hr@snblusa.com, (425) 407-1122 (fax), or 6605 Merrill Creek Parkway, Everett, WA 98203. EOE. www.snblusa.com **Qualifications:** Qualified candidates will possess a DVM or VMD degree; a license to practice veterinary medicine in at least one U.S. State; strong team orientation; and a minimum of 2-3 years of directly applicable clinical experience. Ideal candidate will possess post-doc residency in lab animal medicine/ comparative medicine or other specialty training and ACLAM certification / eligibility. Previous experience working with NHP is highly desirable **Contact Information:** SNBL USA, Ltd., 6065 Merrill Creek Parkway, Everett, WA, USA, **Telephone number:** 425.407.0121, **Fax number:** 425.407.1122, **E-mail address:** hr@snblusa.com

Position Category: Post-Doctoral,
Title of Position: Research Fellowship
Hiring Organization: Disney's Animal Kingdom, **Street Address:** P.O. Box 10,000, Lake Buena Vista, FL, USA
Position Description: Assist with behavioral research projects being conducted at Disney's Animal Kingdom. Work as part of the team to design and implement studies on captive animal behavior covering a variety of topics. Assist with database management, statistical analysis, and publication writing. The primary focus of this position will be evaluating the informal audiences

- Ability to work with others in a fast paced, team oriented atmosphere

Preferred skills:

- Background in research on animal welfare and/or enrichment
- Experience conducting research in a zoo, laboratory or farm setting
- Previous teaching or tutoring experience

Salary/funding: One-year appointment beginning June-July 2004 under contract to Walt Disney World with possible renewal for subsequent years.



CENTER FOR EDUCATION ABROAD - BIKO ISLAND

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