

A Message from the President

Last month you received the call for abstracts and registration materials for the 1999 annual meeting in New Orleans. I would once again like to urge you to plan now to attend that meeting. Some of you have been members of ASP for years, but have not attended meetings regularly, or lately. This year, in contrast to the last few years, the meeting is in August, rather than in June. We hope that the timing of this year's meeting will better accommodate field schedules, and that others of you will be able to avoid conflicts with meetings that tend to occur earlier in the summer. In any case, I urge all ASP members to attend, and to present their work in New Orleans.

In this issue of the Bulletin, each of the Standing Committee chairs has written a brief description of the agenda his or her committee will address during the next year or two. Given its financial good health, ASP has the power to undertake any number of new initiatives at this time. I'd like to ask you to help me and the committee chairs think about what those initiatives might be. This is the time to think big; we have the depth of membership, in terms of number, experience, and range of expertise, to consider significant ways in which we can have a positive impact on primate research, conservation, and education. Do not hesitate to contact me or a committee chair with your ideas.

Each year at the annual meeting there is a "Past Presidents" breakfast. At those informal meetings some of the most senior leaders of ASP discuss the state of the Society and address issues of current importance to it. This year I plan to ask a specific question of the past ASP Presidents: what do we want ASP to become in the next ten years? The answer to that question may be simple ("let it remain the organization it has already become"), or it may propose to take us on an ambitious course of development. Again, I welcome comments and opinions from the membership at large.

Have a safe and happy holiday season. - Nancy Caine, ASP President

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From the Program Committee

By the time you receive this *Bulletin*, you should have received the "Call for Abstracts" packet for the 1999 ASP conference. If you have not, please contact me and I will get one to you right away (Mollie Bloomsmith, Zoo Atlanta, 800 Cherokee Ave SE, Atlanta, GA 30315; Tel.: (404) 624-5990; E-mail mbloomsmith@mindspring.com). The deadline for submitting individual abstracts is February 1, 1999. See your packet for the details.

The Program Committee members are (in no particular order) Deborah Overdorff, Dee Higley, Tammie Bettinger, Leslie Knapp, Maria Boccia, Rick Lee, Bill Hopkins, Leanne Nash, and Mollie Bloomsmith. Our "advisor" is Evan Zucker—thanks for all of your help Evan.

We are working to design a timely and varied program for the meeting. All of you can help by submitting your best work, by organizing cutting-edge symposia and workshops, and by encouraging colleagues who might not usually come to ASP to give it a try this year. With our conference in mid-August this time (later than usual), we are hoping that more field researchers might be able to attend as they may be back in the country by that time. Please let your field colleagues know about this now, so they can plan to attend and participate in the meeting.

We are finalizing the invited speakers for the conference, and it has been quite a process. Almost 20 individuals were suggested to the Committee as guest speakers, each with

his/her own expertise and "draw" in terms of audience. In deciding who to invite, we are trying to balance who the current members of ASP would like to hear, who might bring new people to attend the meeting, which of a wide variety of topics should be addressed, and who is willing to accept our invitation to come! With a field as diverse as primatology it can be difficult to discern whom the society most wants to hear. In fact, in talking with our Program Committee members, some ASP officers, and a few others of you, we have very little consensus about which topics or speakers should be included. If you would like to wade in to the debate please let me know your opinions, or talk with anyone else on the Committee.

The Program Committee would also love to hear your suggestions about other ways to format our conference. If you have seen some-

thing work well in another conference, let us know—it might work for ASP as well! For example, I am hoping that following each invited speaker, we could have a workshop or symposium on a topic related to the speaker's topic. I think this might let us more fully explore some of the issues that the invited speakers bring to our members. I wonder whether having designated discussants along with the invited speakers might also help us do the same. How about a "coffee hour" to let attendees speak with the invited speakers individually? Please let me or other Committee members know what you think. - Mollie Bloomsmith, Program Committee Chair

Plan now:
ASP 1999
Aug. 12-16
New Orleans!

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From the Local Arrangements Committee

The 1999 ASP meeting is being sponsored by Tulane University (the College of Liberal Arts and Sciences and the Tulane Regional Primate Research Center), but all sessions and activities will take place at the Fairmont Hotel in downtown New Orleans.

The hotel is a block and a half from the French Quarter, so be prepared for good food, good times!

The Riverboat Bash is included in registration fees, so be sure to plan your departure for Monday August 16 (or the 17th, if you plan to

visit Tulane Primate Center). We will board the Steamboat Natchez behind Jax Brewery on Decatur St. in the French Quarter between 6:30 and 7:00 PM, and it will cruise the Mississippi River while we dine on French Quarter Festival food and dance to a Dixieland swing band. The ship will dock at 10 PM for early departure, but the party will continue to 11 PM.

Special hotel rates apply from August 8 through August 18, so come early, stay late and enjoy the ambience of New Orleans! - Margie Clarke, Local Arrangements Chair

ASP Distinguished Primatologist

A Brief Tribute to W. Richard (Dick) Dukelow

At the 1998 ASP meeting in Georgetown, TX, the ASP honored Richard (Dick) Dukelow by presenting him the Distinguished Primatologist Award, the society's highest honor. Listed below are some (but by no means all) of his accomplishments during his outstanding career.

Dick received his B.S. (1957), M.S. (1958), and Ph.D. (1962) (Reproductive Physiology) from the University of Minnesota. Following a one year postdoctoral position at the University of Georgia (1964-1965) in the Department of Chemistry he joined the faculty in the Department of Biochemistry as an Assistant Professor (1965-1969). In 1969, he moved to



Dukelow - The early years

Michigan State University as an Associate Professor of Physiology and Animal Science and Director of the Endocrine Research Center. From 1974 to date he has been a Professor in the same department and has continued as Director of the Center.

In addition to an impressive list of over 220 scientific publications and an approximate equal number of papers and abstracts presented at scientific meetings, Dick has authored or edited four research volumes, including "The Alpha Males" (1995), a history of the seven Regional Primate Research Centers and their first directors. During his long tenure as Director of the Endocrine Research Center, he mentored approximately 60 Ph.D. students, most of whom have developed outstanding careers while utilizing nonhuman primates in studies of reproduction.

Dick has served on numerous University committees and has received the Distinguished Faculty Award (1994) and Distinguished Faculty Award by the Michigan Association of Governing Boards (1996). In addition to several University contributions, he has served as a consultant to several U.S. and international centers, has served on several NIH and NSF study sections and served as a consultant and editor for the *Journal of Medical Primatology*, and both the *American Journal of Primatology* and *International Journal of Primatology*. From 1993-1995 he served as Director of the NIH Regional Primate Research Centers Program and was instrumental in stopping reductions in funding for the Centers. While at NIH he also served as Director of the NIH Chimpanzee Breeding Program.

In addition to membership in several professional societies Dick was a founding mem-



Photo: Richard Rawlins

W. Richard (Dick) Dukelow

ber of the American Society of Primatologists and served as both Treasurer and President. In addition, he has served as both Treasurer and President of the International Primatological Society.

As part of preparation for retirement Dick and his wife, Lynn, recently completed building a home overlooking Flathead Lake in Montana. Anyone who knows him realizes he is a fishing fanatic but that will not be his only interest. Involvement in academics and research will continue. I personally hope to visit the Dukelows in Montana sometime in the future. Dick has assured me that he will have a fish with my name on it ready to catch. His retirement from Michigan State is to begin in November 1999. - *Gerry Ruppenthal, Awards and Recognition Committee Chair.*



Call for Information on Research Opportunities for Students

The Education Committee of the ASP is compiling a list of primate research/husbandry opportunities for students in the summer of 1999. If you can offer a student(s) the valuable experience of participating in a research effort, please contact the chair of the Education Committee, Lynne Miller, at the address below. Please include the following information:

1. the name, address, affiliation, phone number, fax number, and E-mail address of the person who should be contacted regarding this assistantship/internship;
2. a brief description of the project and the duties expected of the assistant/intern;
3. the qualifications required for consideration;
4. the starting date (indicate earliest and latest) and length of appointment;
5. any stipends or financial assistance available, or the financial commitment required of the assistant/intern;
6. other pertinent information.

Please send your information by **January 31st** to: Colleen Schaffner, Department of Psychology, College of St. Benedict & St. John's University, Collegetown, MN 56321; Fax: (320) 363-3202; E-mail: cschaffner@csbsju.edu.

Committee Reports...

Awards & Recognition Committee Solicits Nominations

On behalf of the ASP the Awards and Recognition Committee is soliciting nominations for the Distinguished Service Award. This award is not presented on any scheduled basis but is presented to deserving individuals who have contributed long-time service to primatology in general or to the ASP. The award has been presented to four individuals in the past. If you would like to nominate an individual for this special award (deadline for receipt is June 15, 1999) send the person's name and a letter of support to: Gerry Ruppenthal, ASP Award & Recognition Committee Chair; CHDD Box 357920; University of WA; Seattle, WA, 98195; Fax: (206)543-5771; E-mail: gerry@u.washington.edu. - *Gerry Ruppenthal, Awards & Recognition Committee Chair.*

Research & Development Committee to Work on Ethical Guidelines and Research Grants

Over the next year, the Research and Development Committee will continue work on formulating ethical guidelines for ASP. The motion to adopt a set of guidelines was formally proposed and approved at the 1998 meeting in Georgetown TX; members of the current R & D Committee will discuss a preliminary draft of the guidelines at the New Orleans meeting.

Two new items will be on the R & D Committee's agenda this year. The first of these is to develop a mechanism for giving small grants to individuals for purposes *other than* conservation, since ASP currently has a small grant program in place only for conservation-related projects. The conservation grant program appears to be working well; adopting a similar program for the non-conserva-

tion grants would allow ASP to begin accepting proposals in late 1999.

The second new agenda item is to develop an ASP initiative that would encourage greater minority participation in primatology. Because this initiative is likely to be more effective if it encompasses all areas of ASP, a joint effort by several committees may be the best approach. Alternatively, a specially appointed task force might best accomplish setting goals and implementation strategies for the initiative. The R & D Committee will discuss these issues and recommend a course of action at the New Orleans meeting. - *Kathy Rasmussen, Research & Development Committee Chair*

Education Committee Focuses on Career Development

The Education Committee is new this year, with a new chair and many new members. Our long-term goal is to emphasize the critical role of good teaching, at all levels of education, to a wider appreciation for primatology. Our principal responsibility is the judging of student presentations at the annual ASP conference. Additional events planned for the 1999 meetings include a workshop on how to make good presentations (both oral and poster) and a round-table discussion of careers beyond academia for those with primate-related degrees. We welcome the input and participation of all ASP members. - *Lynne Miller, Education Committee Chair.*

Treasure Note\$

ASP membership renewal forms for 1999 have NOT yet been mailed. We are awaiting word from the publisher regarding the AJP subscription rates for 1999. The 1999 ASP Directory will be published soon. Please contact me about any changes of address (E-mail: an83000@mdacc.mda.uth.tmc.edu). - *Steve Schapiro, ASP Treasurer and Membership & Finance Committee Chair.*

Search for Next Editor of the *American Journal of Primatology*

The ASP Publications Committee has appointed a Selection Committee to choose the next Editor of the *American Journal of Primatology*. The Committee consists of Jeff French (Chair), Suzette Tardif, and John Mitani. An Advisory Group of current and/or former journal editors (Jeanne Altmann, Mike Raleigh, and Chuck Snowdon) has agreed to assist the search committee. Additional advisors may be added soon.

The committee is interested in receiving both applications and nominations for this position. Inquiries about the application and/or nomination process should be directed to Jeff French (jffrench@unomaha.edu; 402-554-2558 or 554-3094).

ASP Standing Committees 1998-2000

The ASP's success relies on the hard work and dedication of its members - particularly those who volunteer to serve on Standing Committees. A very special thanks to the following:

Awards and Recognition Committee

Gerry Ruppenthal - Chair

Richard Harrison	Linda Taylor
Gabriele Lubach	Julie Worlein
Steve Suomi	

Conservation Committee

Randy Kyes - Chair

Kathy Bentson	Will Gergits
Nora Bynum	Sue Howell
Margie Clarke	Matt Novak
Carolyn Crockett	Dondin Sajuthi
Carolyn Ehardt	Juan Carlos Serio Silva
Joe Erwin	

Education Committee

Lynne Miller - Chair

Sian Evans	Leanne Nash
Rebecca Dowhan	Andrew Petto
Christine Johnson	Colleen Shaffner
Peter Judge	Orville Smith
Robert Lessnau	Annie Weaver

Membership & Finance Committee

Steve Schapiro - Chair

Sally Boysen	Bill Roudebush
Will Gergits	Carol Shively
Joanna Lambert	Larry Williams
Ray Rhine	

Program Committee

Mollie Bloomsmith - Chair

Tammie Bettinger	Leslie Knapp
Maria Boccia	Rick Lee
Dee Higley	Leanne Nash
Bill Hopkins	Deborah Overdorff

Publications Committee

Mike Andrews - Chair

Bennett Dyke	Sally Mendoza
Jeff French	Charlie Menzel
Kenneth Glander	John Mitani
Gabriele Lubach	Russ Tuttle
Bill Mason	

Research & Development Committee

Kathy Rasmussen - Chair

Larry Jacobsen	Andrew Petto
Matt Kessler	Chuck Snowdon
Don Lindburg	

Conservation Conversation



Conservation Committee News

Call for Conservation Award Nominations and Grant Applications

Nominations for Conservation Awards and Grants are now being sought by the American Society of Primatologists (ASP). 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 would 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, his/her primate-related activities, and should explain why the nominee deserves to receive high priority consideration.

Conservation Award (\$500): 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 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.

Senior Biology and Conservation Award (\$500 Honorarium): This award is one of ASP's highest honors. It is given to recognize an individual without an advanced degree who has made substantial contributions over many years to promote primate conservation either through direct action or via enhancement of biological knowledge or well-being of primates. Such contributions could arise from work done in field, laboratory, or zoo settings. Nominees might work directly with primates or be engaged in activities supporting those who work with primates. Examples include, park rangers, census takers, animal caretakers, research technicians, assistants or facilitators, and individuals involved in private enterprise benefiting primate conservation. Nominating letters should detail the nominee's qualifications, contributions to primate biology and conservation, period of service, and full mailing address. A copy of the nominee's vita is requested. Supporting letters from other individuals acquainted with the nominee's work may be submitted. This award is typically presented at a public ceremony by senior officials.

Conservation Small Grants (up to \$1500, but usually \$500): Grant proposals are solicited for conservation research or related projects, including conservation education. ASP and IPS 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 applications may be obtained by contacting the ASP Conser-

vation Committee Chair at the address below or from the conservation section on the ASP web page (www.asp.org). Recipients of grants must agree that a brief progress report, in a form suitable for publication in the *ASP Bulletin*, will be submitted within 12 months of the award.

Evaluation and Application Procedure: With the exception of requests for emergency support, which can be considered at any time for immediate action, the Conservation Committee will make its recommendations for awards and grants to the ASP Board of Directors at the annual meeting. Successful nominees and applicants will be informed following the meeting and their names will be published in the *ASP Bulletin* and posted on the ASP web page. The **1999 deadline** for submission of nominations and grant proposals is **June 4**. They should be sent to Randall C. Kyes, Chair, ASP Conservation Committee, Regional Primate Research Center, University of Washington, Box 357330, Seattle, WA 98195. - *Randy Kyes, Conservation Committee Chair*

There is still time to
make a **tax deductible**
contribution to the **ASP**
Conservation Fund!



To learn more about the
Conservation Fund,
visit the website at:
[http://www.asp.org/
ASP/conservation/
default.html](http://www.asp.org/ASP/conservation/default.html)

Conservation Conversation (cont.)

Conservation of Capuchin and Howler Monkeys in Trinidad

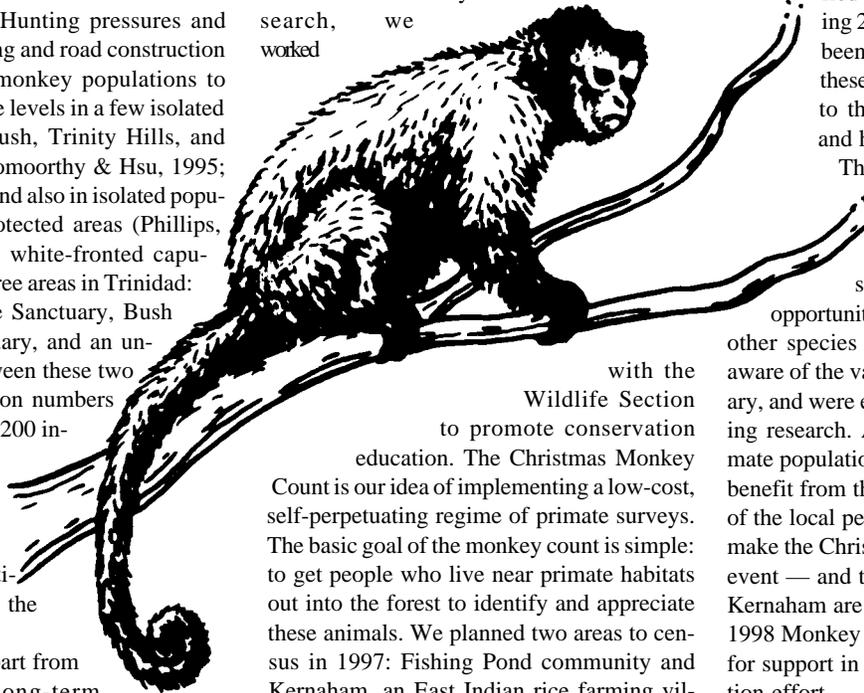
Kimberley Phillips, Hiram College, 1997 ASP Grant Recipient

The population status of white-fronted capuchin monkeys (*Cebus albifrons trinitatis*; IUCN Critically Endangered), and red howler monkeys (*Alouatta seniculus insulanus*; IUCN Vulnerable) on the island of Trinidad has been poorly documented. Hunting pressures and continued forest cutting and road construction have reduced these monkey populations to marginally sustainable levels in a few isolated Sanctuaries (Bush Bush, Trinity Hills, and Central Range (Agoromorthy & Hsu, 1995; Rylands *et al.*, 1997) and also in isolated populations outside of protected areas (Phillips, unpub. data). Today, white-fronted capuchins are present in three areas in Trinidad: Trinity Hills Wildlife Sanctuary, Bush Bush Wildlife Sanctuary, and an unprotected area in between these two sanctuaries. Population numbers are estimated to be < 200 individuals (Phillips, unpublished data); the distinct Trinidadian subspecies is listed as 'Critically Endangered' by the IUCN.

With funding, in part from ASP, we began a long-term project in Trinidad to obtain accurate population numbers and to collect behavioral and ecological data on the capuchins. During 1996 and 1997 we focused our efforts in the Bush Bush Wildlife Sanctuary, a 1550 hectare seasonally evergreen forest located in eastern Trinidad. We logged over 1,000 hours in the field, conducting extensive searches covering all accessible areas of the forest. We identified three capuchin troops using the area, with a total of 31 individuals, and five howler troops totaling 30 individuals. Besides collecting population density data, we also collected preliminary data on the behavioral ecology of the white-fronted capuchins, including data on foraging, social behavior and habitat use. These capuchins spend their day traveling and foraging in a very loose grouping pattern. They focus their feeding efforts on the few species that are fruiting at one time, such as *Manilkara bidentata*, *Spondias mombin*, and *Maximiliana elegans*. Although it has been reported that *Cebus capucinus* do not form subgroups in response to the diminished quality of food patches, it appears that the Trinidadian capuchins may indeed do so. Ongoing research

questions will investigate this apparent fissioning pattern and the role of vocalizations in coordinating foraging and travel activities within these sub-groups.

In addition to my research, we worked



with the Wildlife Section to promote conservation education. The Christmas Monkey Count is our idea of implementing a low-cost, self-perpetuating regime of primate surveys. The basic goal of the monkey count is simple: to get people who live near primate habitats out into the forest to identify and appreciate these animals. We planned two areas to census in 1997: Fishing Pond community and Kernaham, an East Indian rice farming village which borders the Bush Bush Wildlife Sanctuary. With the help of the Wildlife Section, we publicized the event to community members and other interested people. These

censuses occurred on December 28 and 29. At the designated day for each site, we met with people, explained the data to be collected, and broke into teams. At Fishing Pond, we identified three troops of howlers, totaling 23 individuals. This area had not been surveyed prior to our event, so these data add important information to the overall population numbers and habitats of howlers in Trinidad.

The Kernaham group surveyed areas within the Bush Bush Wildlife Sanctuary. Since these villagers live adjacent to the sanctuary boundary, we used this opportunity to talk about the sanctuary and other species living in it. These people are aware of the value associated with the sanctuary, and were excited to be a part of our ongoing research. As I already have data on primate populations within Bush Bush, the main benefit from this census was the involvement of the local people in this project. We plan to make the Christmas Monkey Count an annual event — and the people of Fishing Pond and Kernaham are already looking forward to the 1998 Monkey Count. We are grateful to ASP for support in initiating this timely conservation effort. - Kimberley Phillips, Ph.D., Departments of Psychology and Biology, Hiram College, Hiram OH 44234; Tel: (330) 569-5229; E-mail: PhillipsK@hiram.edu.

(Drawing of *Cebus* by Kimberley Phillips)



Georges & Mitch

As you all know, this was a memorable year for weather. From ice storms to record-breaking heat waves, deadly draughts and equally deadly flooding, many primates - both human and nonhuman - have suffered. The 1998 hurricane season was particularly devastating. The following notes are from two ASP members working to aid those affected by Hurricanes Georges and Mitch.



Relief Effort in Central America...

As director of Education and Research at the Ometepe Biological Field Station, Nicaragua, as an anthropologist, and as a human being I ask your help in assisting the peoples of Nicaragua and Honduras in recovering from the tragedy of Hurricane Mitch. People in both countries are in desperate need of food, clothing, and medical supplies. Flooding, mudslides, crop loss, homelessness, disease, and the loss of loved ones threatens the life and health of hundreds of thousands of people.

I am working with colleagues and humanitarian agencies in Nicaragua and the United States to help the victims of this disaster. I urge you to please help us in this critical humanitarian effort by sending donations to Ms. Renee Molina in Miami. She is collecting food, clothing, and medicine to deliver to the victims in Nicaragua. She can be reached by email at ArteEco@aol.com. Her office phone number is (305) 666-9932. Her FAX is (305) 666-7581. Donations can also be sent to Catholic Charities, the Red Cross, or other charitable institutions. I thank you for your kindness and consideration in the face of this human tragedy. Dr. Paul A. Garber, Department of Anthropology, University of Illinois; E-mail: p-garber@uiuc.edu.

... & Caribbean Primate Research Center

The passage of Hurricane Georges across Puerto Rico this summer caused hundreds of thousands of dollars of damage to both the Cayo Santiago and Sabana Seca field stations of the Caribbean Primate Research Center (see photo).

To assist rebuilding and restoration of research at the sites, we are soliciting financial donations. For a minimum donation of \$12.00 US, you will receive a copy of the "Cayo Santiago Macaques 1999" 8.5 x 11 inch wall calendar by mail. This will become a collectors item and is a limited edition run containing beautiful 8x10 photos of the Cayo rhesus in action. It is printed on high quality stock and the photos are suitable for framing. Multiple copies of the calendar are also available should you desire them for holiday gift giving.

All donations will be used to rebuild the Caribbean Primate Research Center and the donations are tax deductible as well. Donation checks or money orders should be made out to: Caribbean Primate Research - University of Puerto Rico, RCM. Mail to: Caribbean Primate Research Center, Hurricane Relief, Box 1053, Sabana Seca, PR 00952-1053. For more information call the CPRC; Tel.: (787) 795-4035; Fax: (787) 795-5709. - submitted by Richard Rawlins.



Cyber-Society

The ASP is establishing an E-mail list from information provided by members during the membership renewal. This will **not** be a discussion list like Primate-Science. Rather, it is simply a way of informing the membership about Society-related business. **The list will have very little traffic, and members' E-mail addresses will NOT be given out to anyone else!**

If you do not want to receive information via email, please send a note to John Capitanio (jpcapitanio@ucdavis.edu) and your record will be flagged.

We do not anticipate at this time that communications from the Society to the membership will **only** be via email; that is, if you choose not to have your name on this list, you will still receive the information in a more traditional format. We see the email list as a way to disseminate information rapidly and inexpensively.

Soon, individuals for whom we have E-mail addresses will receive (via the new E-mail list) a user name and password that can be changed, if needed. This password will enable members to update their membership information (name, address, phone

number, etc.) through our web page. This is the first step in creating a 'members only' section on our web site, in which members will have access to various options, such as online membership renewal via a secure server, conference registration, and so on. Stay tuned!

Finally, by the time you read this, information about our 1999 conference will likely be posted on the web page, as it has been for the past two years. You'll find the information at: <http://www.asp.org/ASP/meetings/default.html>. - John Capitanio, ASP President-Elect & ASP WebMaster

Wisconsin Regional Primate Research Center Launches Primate-Science

Primate-Science is an electronic discussion forum managed by the Wisconsin Regional Primate Research Center (WRPRC) at the University of Wisconsin—Madison in support of the research mission of the WRPRC and other NCRR Primate Centers. In addition to NCRR Primate Center staff, Primate-Science is open to staff at other research-based primate centers and laboratories worldwide. People in academic institutions or zoological gardens who are doing primate research are also invited to apply.

PURPOSE

The purpose of this forum is the factual, science-based exchange of ideas and information about nonhuman primates and is intended to serve the international primatological research community.

SCOPE

As they relate to primatology, the following topics are covered by this forum:

- Biomedical Research
- Primate Conservation
- Primate Evolution
- Primate Husbandry/Enrichment
- Veterinary Medicine
- Zoological Garden Research
- Field Work Research

HOW TO SIGN ON

You must have an electronic mail address and access to the Internet to participate in Primate-Science. To apply, either send a message containing “subscribe primate-science” (without the quotes) to P R I M A T E - S C I E N C E - R E Q U E S T @ P R I M A T E . W I S C . E D U or fill out the Primate-Science application form at: <http://www.primate.wisc.edu/pin/ps/pscentry.html>. (You do not need to do both.)

WHERE TO SEND QUESTIONS

If you have questions about electronic access to Primate-Science, contact Larry Jacobsen, P-S Coordinator, Wisconsin Regional Primate Research Center, 1220 Capitol Court, Madison, Wisconsin 53715-1299, U.S.A.; E-mail: jacobsen@primate.wisc.edu, URL: www.primate.wisc.edu/pin/ Telephone: 1-608-263-3512 Fax: 1-608-263-4031.

Dear ASP Member,

This part of the *Bulletin* is intended as a “pull-out” section. On (unmarked) pages 8 & 9, you’ll find a notice about the 1999 ASP meeting in New Orleans. Please remove this section and place the notice on your office door, departmental bulletin board, or anywhere it can be seen by interested individuals. Feel free to photocopy and distribute the notice to others.



Important New Primate Sites on the World Wide Web

http://www.animalwelfare.com/Lab_animals/biblio/enrich.htm

Environmental Enrichment for Primates

This is a searchable, annotated database developed by Viktor Reinhardt & Annie Reinhardt, of the Animal Welfare Institute, PO Box 3650, Washington, DC 20007. Environmental enrichment is the provision of stimuli that promote the expression of species-appropriate behavioral and mental activities in an under-stimulating environment. There are presently 1183 entries in the database.

<http://www.cdc.gov/ncidod/diseases/vir/fvr/ebola528.htm>

Filoviruses in Nonhuman Primates: Overview Of The Investigation In Texas

During April 11-13, 1996, the Centers for Disease Control and Prevention (CDC) confirmed that two monkeys in a private quarantine facility in Texas were infected with a filovirus, the Reston subtype of Ebola virus (Ebola-Reston). This document answers some of the questions related to the biology and spread of filoviruses, the investigation in Texas, and Ebola virus hemorrhagic fever.

<http://www.apa.org/science/anguide.html>

Guidelines for Ethical Conduct in the Care and Use of Animals

This web site features guidelines developed by the American Psychological Association’s (APA) Committee on Animal Research and Ethics (CARE) for use by psychologists working with nonhuman animals. They are based on and are in conformity with Section 6.20 of the *Ethical Principles of Psychologists and Code of Conduct* of the APA.



AMERICAN SOCIETY OF PRIMATOLOGISTS

Mark your calendar now for the 22nd Annual Meeting of the
American Society of Primatologists
12-16 August, 1999

The Fairmont Hotel, New Orleans, Louisiana, USA

The American Society of Primatologists is an educational and scientific society that aims to understand better our nonhuman primate cousins and to facilitate information exchange about them. Our membership includes a diversity of people, including those whose interests are primarily focused on ecology, behavior, anatomy, animal welfare, immunology, conservation biology, primate medicine, captive management, virology, and dozens of other areas of interest.



Join us in New Orleans!

We invite you to submit your best scientific work, in any area of primatology, for inclusion in the 1999 program. Abstracts may be submitted for consideration as a paper or poster presentation. In addition, we encourage organized symposia, workshops, or roundtable discussions.

***Deadlines: Symposia/workshop proposals - Dec. 15, 1998;
Paper & poster abstracts - February 1, 1999***

Contact:

Program Chair:
Mollie Bloomsmith, Ph.D.
TECHLab
Zoo Atlanta
800 Cherokee Ave., S.E.
Atlanta, GA 30315
Tel: (404) 624-5990; Fax: (404) 627-7514
E-mail: mbloomsmith@mindspring.com

Local Arrangements Chair:
Margaret Clarke, Ph.D.
Department of Anthropology
Tulane University
1021 Audubon St.
New Orleans, LA 70118
Tel: (504) 865-5336; Fax: (504) 865-5338
E-mail: mrclarke@mailhost.tcs.tulane.edu



The 1999 ASP meeting is sponsored by Tulane University, but all activities will be held at the Fairmont Hotel in downtown New Orleans. The Fairmont is a world-class hotel in a world-renowned city. It is located near the French Quarter, the historic Garden District, and the New Orleans Riverwalk, which features a variety of the South's most distinctive shopping and jazz clubs.

Visit the American Society of Primatologists' web site: www.asp.org

Laissez les Bon Temps Roulez!!!



Photo courtesy New Orleans Steamboat Company

Experience Southern Hospitality ... Steamboat Style!

A closing ceremony Riverboat Bash is included in the registration fee. We'll take a dinner cruise on a real Mississippi Riverboat - the *Steamboat Natchez* - and hear a dixieland band. For more information, see the website at: ExperienceNewOrleans.com.

Make sure to schedule your New Orleans visit to include the Riverboat Bash on the evening of the 15th and a tour of the Tulane Primate Research Center on the 16th.

Tour the Tulane Regional Primate Research Center

An optional tour of the Tulane Regional Primate Research Center is available on Monday morning, August 16th. The Tulane Regional Primate Research Center is located on 500 acres of land approximately 40 miles northwest of New Orleans. There are approximately 4700 monkeys at the Center. Outdoor housing includes 50+ corrals ranging in size from 1/8 acre to 1 acre in size and there are 60+ corn cribs. One building has 20 indoor/outdoor housing units. The main species include rhesus, pigtailed, baboons, and mangabeys. Minor numbers of patas and African green monkeys are also present. Research areas include parasitology (Lyme disease, malaria), microbiology (AIDS, various viral diseases), reproductive physiology, urology (pyelonephritis, bladder disease), behavioral studies, and pathology. The tour will require about 1 mile of walking, but no hills!! To reserve a tour, please notify:

Richard Harrison, Ph.D.
Fax: (504) 893-1352
E-mail: harrison@tpc.tulane.edu

T.R.P.R.C.
18703 Three Rivers Road
Covington, LA 70433



Photo: Richard Harrison

Infant patas monkey (*Erythrocebus patas*) - a resident of the Primate Center.

Scenic grounds of the Tulane Regional Primate Research Center



Photo: Murphy Dowouis

From: PRIMATE-SCIENCE

CONGRESS HAS MADE RESEARCH IN GENERAL AND NIH IN PARTICULAR A PRIORITY IN THIS YEAR'S BUDGET.**Federal Research Budget Increased**

The President (10/20/98) signed the omnibus FY 1999 funding legislation that includes a generous 14.6% increase for NIH.

The funding legislation was the last item of 'must pass' business before Members of Congress could go home to campaign. The agreement was reached a week ago but it took until yesterday for the massive legislation to be compiled, reviewed, and approved.

The House passed the bill Tuesday night by a vote of 333-95. The Senate passed the bill Wednesday by a vote of 65-29. Despite the wide margins of approval, many Members of Congress deplored the fact that a \$520 billion piece of legislation had to be approved under pressure at the last minute.

NIH got a \$2 billion increase in FY 1999, the largest increase in its history. The \$15.6 billion budget reflects an increase of nearly 15%. This extraordinary increase came about through the persistent efforts of NIH's champions, Rep. John Porter (R-IL) and Sen. Arlen

Specter (R-PA), who chair the respective House and Senate Appropriations Subcommittees with jurisdiction over NIH funding.

Congress also approved nearly a 9% increase for Research and Related Activities at the National Science Foundation. This action was taken as part of a bill that also provides funding for VA medical research and NASA life sciences research. This legislation was passed as a separate bill and also signed yesterday by President Clinton. Other details of that bill include:

Funding for NSF's R&RA will increase by \$224 million to \$2.8 billion in FY 1999. The NSF overall got a 7% increase or a total FY 1999 budget of \$3.7 billion.

Medical and Prosthetic Research at the VA will increase by \$44 million or 16% to an FY 1999 total of \$316 million. The conferees earmarked \$6 million for the VA Musculoskeletal Disease Center.

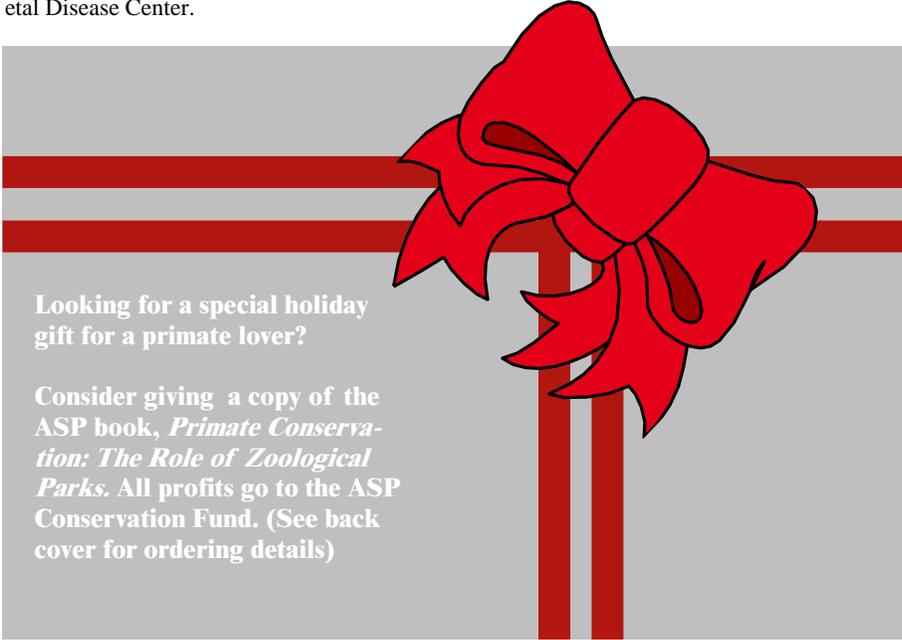
Life and Microgravity Sciences programs at NASA are slated to receive an additional \$22 million for an FY 1999 total of \$264 million, an increase of 23%. The ground-based Research and Analysis grants program, which gave out \$54 million in grants in FY 1998 is funded out of this office. The precise amount that will be made available for Life Sciences R&A grants in FY 1999 has not yet been determined. Due to delays in the timetable for the space station, the conferees specified that \$15 million of the Life and Microgravity Sciences budget should be used to add research payloads to shuttle missions. The conferees stated that "additional research missions during space station assembly are critical for providing scientists the opportunity to develop research capabilities needed for optimal utilization of the International Space Station.

AZA Relocates

On Friday, 30 October, the American Zoological Association Executive Offices moved from their Bethesda, MD location to the new offices in Silver Spring, MD.

As of 2 November, the contact information is: 8403 Colesville Road, Suite 710, Silver Spring, MD 20910-3314; Tel.: (301)562-0777; Fax: (301)562-0888.

All e-mail addresses will remain the same, as will the AZA web address - www.aza.org.



Looking for a special holiday gift for a primate lover?

Consider giving a copy of the ASP book, *Primate Conservation: The Role of Zoological Parks*. All profits go to the ASP Conservation Fund. (See back cover for ordering details)

Dear ASP Member,

This part of the *Bulletin* is intended as a "pull-out" section. On (unmarked) pages 8 & 9, you'll find a notice about the 1999 ASP meeting in New Orleans. Please remove this section and place the notice on your office door, departmental bulletin board, or anywhere it can be seen by interested individuals. Feel free to photocopy and distribute the notice to others.



Employment Opportunities in Primatology and Related Fields

Physical Anthropologist/Primatologist - New York University. The Department of Anthropology at New York University invites applications from outstanding scholars in physical anthropology pending administrative and budgetary approval. The department is looking for scholars with exceptional records in research and teaching, active field research projects, and intellectual leadership. We are seeking a physical anthropologist specializing in primate behavior and ecology. Rank is open. NYU encourages applications from women and members of minority groups. Deadline: **December 15, 1998**. Application should include letter, vita and names of three referees. Send to: Chair, Department of Anthropology, New York University, 25 Waverly Place, New York, NY, USA 10003; Tel.: (212) 998-8550; Fax: (212) 995-9014.

Head, Division of Veterinary Science - University of Southwestern Louisiana New Iberia Research Center (USL-NIRC). This is a senior level management position, reporting to the Director of USL-NIRC, responsible for overseeing 3 veterinarians and 15 veterinarian technicians and assistant technicians. The successful candidate will be responsible for developing and implementing programs for the provision of comprehensive veterinary care in compliance with NIH guidelines, and federal, state, and accreditation requirements for preventative medicine and quarantine programs. Responsibilities include, but are not limited to, managing all phases of diagnostic, therapeutic, and surgical care. The successful candidate is also expected to develop collaborative and independent research programs. Qualifications include a Doctor of Veterinary Medicine or equivalent degree from an AVMA accredited school of veterinary medicine. Board eligibility or certification by ACLAM or ACVS is desirable. A minimum of 6 years-combined senior administrative and technical experience with non-human primates will be required. Management, interpersonal, writing, and communication skills are essential. Application Deadline: 1 Feb 1999. Thomas J. Rowell, D.V.M., USL-NIRC, 4401 W. Admiral Doyle, New Iberia, Louisiana; Tel.: (318) 482-0225; Fax: (318) 373-0057; E-mail: tjr7173@usl.edu

Theoretical Ecologist or Theoretical Evolutionary Biologist. The Department of Zoology, University of Florida, invites applications for a tenure-track position at the Assistant Professor level. We seek a person who uses mathematical tools and modeling approaches to advance ecological or evolutionary theory and who will strengthen our program in ecology, evolution, and physiology. The person hired will be expected to establish

a nationally recognized, externally funded research program, supervise graduate students, develop a graduate course, and contribute to the undergraduate teaching program. Please submit a CV, recent reprints, and statements of research and teaching interests, and have three letters of reference sent to: Dr. Larry McEdward, Theoretician Search Committee, Department of Zoology, P.O. Box 118525, University of Florida, Gainesville, FL 32611-8525. For more information see: www.zoo.ufl.edu or contact: theory@zoo.ufl.edu; Fax: (352) 392-3704. Deadline: **December 11, 1998**.

Assistant Professor - University of Central Arkansas. Two tenure-track positions are available for a **Neurobiologist** and a **Developmental Biologist**. The Ph.D. is required and an active research program is expected. The Neurobiologist's teaching responsibilities include two courses for health science majors and an upper division course in the candidate's area. Preference will be given to candidates in behavioral, developmental, and molecular neurobiology. The Developmental Biologist's teaching responsibilities include an elective course in Developmental Biology, sharing a Genetics course, contribution to the freshman curriculum, and opportunity to develop a graduate course in the candidate's area. Application review will begin **January 6th** and continue until filled. Submit CV, statements of teaching philosophy and research plans, and the names of three references to: Dr. Paul Hamilton, Department of Biology, University of Central Arkansas, Conway, AR 72035; Tel: (501) 450-5915; Fax: (501) 450-5914; website: http://www2.uca.edu/biology/bio_hp/ (*)

Assistant Professor - Evolutionary Biologist/Systematist - Eastern Illinois University. Beginning August 1999, contingent upon funding. Ph.D. required. Candidates must have strong commitments to undergraduate education and establish research programs involving undergraduate and M.S. students. Research area open to any taxonomic group or organizational level; preference given to individuals working with modern molecular techniques. Teaching duties include evolution, systematics and a course in area of expertise. Application should include: letter of application, CV, transcripts, three letters of reference, and a statement of teaching and research interests. Submit by **December 15th** to Gary Fritz, Search Committee Chair, Department of Biological Sciences, Eastern Illinois University, 600 Lincoln Avenue, Charleston, IL 61920. Fax: 217-581-7141; E-mail: cfnf@eiu.edu. (*)

Assistant Professor in Neurobiology - Boston University. The Biology Department invites applications from outstanding candidates for a tenure track appointment at the assistant professor level. We seek a colleague who uses modern cellular, molecular or neurophysiological approaches to address neurobiological questions from a systems perspective. He/she will join a Biology Department with existing research strengths in the areas of synaptic structure and function, neural development and plasticity, sensory systems, neuroethology and neuroendocrinology. Responsibilities will include establishing a research program with extramural funding and active participation in undergraduate and graduate teaching. Please submit by **December 15, 1998**, a CV, a statement of research and teaching interests, representative reprints, and names of three referees (with E-mail addresses) to: Dr. Michael J. Baum, Neurobiology Search Committee, Department of Biology, Boston University, 5 Cummington St., Boston, MA 02215. For information about the Biology Department and Neuroscience Programs at Boston University see our Web Page at <http://bio.bu.edu/>. (*)

Assistant Professor in Animal Behavior/ Psychobiology. The Psychology Department at the University of Nebraska at Omaha and the Nebraska Behavioral Biology Group invite applications for a tenure-track Assistant Professor position with emphasis on the mechanisms of behavior. The successful candidate will conduct research at the interface between proximate and ultimate levels of analysis, and will develop a fundable research program. Research area in the links between behavior and its molecular, immunological, neuroendocrine, or physiological substrates is preferred, although candidates in all areas are encouraged to apply. The successful candidate will teach undergraduate and graduate courses in the department's degree programs (BA/BS, MA, and PhD). UNOmaha, along with UN-Lincoln and Creighton University, has a commitment to developing research and training expertise in behavioral biology. For further information contact Jeff French (jfrench@unomaha.edu) and visit our web site (<http://cricket.unl.edu>). Scientists with a completed Ph.D. (post-doctoral experience preferred) may apply by sending a letter of application, CV, and names of three references to Psychobiology Faculty Search, c/o Dr. Kenneth Deffenbacher, Chair, Psychology Department, University of Nebraska at Omaha, Omaha NE 68182-0274. Applications received by **1 December 1998** will receive full review; the position will remain open until a suitable candidate is hired. (*)

(*) = Equal Opportunity/ Affirmative Action Employer

Employment Opportunities (continued)

Tenure-track Position in Developmental Neuroscience

The Department of Psychology at the University of California, Santa Barbara, invites applications for a tenure-track position at the rank of Assistant Professor effective Fall 1999. Applicants with a strong research program in developmental neuroscience with a direct bearing on behavior are encouraged to apply. The candidate will participate in both our graduate training program in Neuroscience and Behavior leading to the Ph.D. degree and our undergraduate B.S. degree in Biopsychology. Current faculty research interests at UCSB can be found at the following websites: Department of Psychology - <http://www.psych.ucsb.edu/>; Neuroscience Research Institute - <http://lifesci.ucsb.edu/>. Applicants should submit a letter describing research and teaching interests, CV, representative publications, and arrange to have three letters of recommendation sent by **December 1, 1998** to: Developmental Neuroscience Search Committee, Department of Psychology, University of California, Santa Barbara, CA 93106-9660. For more information, contact: Deborah H. Olster, Tel.: (805) 893-2019; Fax: 893-4303; E-mail: olster@psych.ucsb.edu.

Faculty Positions in Behavioral Neurosciences

University of Washington. Two tenure-track faculty positions at the assistant professor level. Successful candidates will be expected to employ a range of modern neuroscience techniques and integrate neural and behavioral approaches. Areas of particular interest include, but are not limited to, learning and memory, neuroethology, plasticity, and sensory systems. Ph.D. is required by date of appointment. To apply, send a complete CV, statement of research and teaching interests, 3-5 reprints, and arrange to have 3 letters of recommendation sent to: Behavioral Neuroscience Search Committee, Department of Psychology, University of Washington, Box 351525, Seattle, WA 98195-1525. Priority will be given to applications received before **December 1, 1998**. (*)

Assistant Professor/Associate Professor

The Department of Psychology at Boston College in the area of behavioral neuroscience. Candidates should have a Ph.D. and postdoctoral experience. We are particularly interested in the neural and hormonal bases of behavior related to fear, stress, or anxiety states in animals and neurobiology of learning and memory in animals. Additionally, we are interested in individuals who integrate developmental and/or molecular neurobiological approaches into their research. For more information, see: www.bc.edu/bc_org/avp/cas/psych/psych.html. Send a CV, three let-

ters of reference, a statement of research and teaching interests, and representative publications to: Dr. Michael Numan, Search Committee, Department of Psychology, Boston College, McGuinn Hall, 140 Commonwealth Ave., Chestnut Hill, MA 02467. Review of applications will begin immediately and conclude once the position is filled. (*)

Assistant Professor - Behavioral Neuroscience

University at Albany, State University of New York. Tenure-track appointment to start in Fall, 1999, contingent upon the availability of funding. Applicants should emphasize a strong theoretical orientation to investigations of behavioral systems in a multidisciplinary framework using strategies of contemporary cellular, molecular, or genetic neuroscience. Although the research specialty is open, the candidate would be expected to complement a group that has strengths in psychopharmacology, behavioral endocrinology, behavior genetics, learning, and evolutionary psychology, as well as a campus initiative in comparative functional genomics. Applicants should submit vita, reprints/preprints, a statement of research interests, and three letters of recommendation to: Chair, Behavioral Neuroscience Search Committee, Department of Psychology, University at Albany, Social Science 112, Albany, NY 12222. Application deadline is **January 15, 1999**. (*)

Post-Doctoral Training Position

The Reproductive Sciences Program at The University of Michigan currently has two (2) open positions for postdoctoral research trainees on its NIH/NICHD funded training grant (NRSA), "Training Program in Reproductive Endocrinology". Standard application deadlines for these positions are **October 1, February 1, and June 1**. Applicants must arrange a mentorship with a RSP faculty member prior to applying. For additional information and application requirements please contact: Cheri Thompson, Reproductive Sciences Program, University of Michigan, 300 North Ingalls, 11th Floor, Ann Arbor, MI 48109-0404; Tel.: (734) 763-5030; E-mail: cheript@umich.edu.

Research Associate, Post-Doctoral

University of Wisconsin Department of Pathology. Postdoctoral positions available to study the T cell receptor repertoire in human beings and nonhuman primates. Please check <http://www.pathology.wisc.edu/people/cdp.htm> for additional information. Applicants with background in virology or immunology preferred. Molecular biology and tissue culture skills are essential. Candidates should have a PhD or MD with an interest in the pathogenesis of AIDS. These positions are available immediately and are minimally for two year appointments with

possibility for indefinite extension. Please send CV along with a letter describing your interest in this project and names of three references (with telephone numbers and Email addresses) to: Dr. David Pauza, University of Wisconsin, Department of Pathology, 1300 University Avenue, Madison, WI USA, 53705; Tel.: (608) 262-2549; Fax: (608) 262-9148; E-mail: cdpauza@facstaff.wisc.edu.

Biology Graduate Assistantships

University of Central Arkansas. Several Graduate Assistantships paying \$11,000 will be available beginning Fall, 1999 for students seeking to complete the MS degree with thesis in the areas of animal behavior, cell biology, ecology, genetics, immunology, molecular biology, neurobiology, paleontology, and physiology. During the academic year, these Graduate Assistants will be assigned lab teaching responsibilities for 20 hrs/wk, while also working on their coursework and thesis research. During a 10-week summer period, Graduate Assistants will be expected to work full-time on their research. A limited number of out-of-state tuition waivers are available. Further information can be found at <http://www.uca.edu/biology/>. For application materials and further information contact: Graduate Coordinator, Dept. of Biology, Univ. of Central Arkansas, Conway, AR 72035; Tel.: (501) 450-3146; Fax: (501) 450-5914.

Field Research Opportunity

I am looking for someone to conduct research on vervets and patas monkeys at my study site in Kenya beginning next August or September, 1999. Funding pending. At the least, I can offer access to the study animals, a field vehicle, and lodging for up to two years; at the most, I would additionally fund the student's research. Requirements: background in behavioral ecology/primatology, excellent driving record, enthusiasm, nice personality, willingness to take direction and responsibility, ability to live away from friends and relatives for an extended period of time, and lots of common sense. Time commitment may be from six months to two years, depending on funding. Previous field experience an advantage. Deadline for applications is **January 31, 1999**. If interested, please send CV, contact numbers for two references, and a statement explaining why you are interested to: Dr. Lynne Isbell, Department of Anthropology, University of California, One Shields Ave., Davis, CA 95616; E-mail: laisbell@ucdavis.edu.

Field Assistant

Gorilla Project in Central African Republic. Research project on western lowland gorilla ecology and social organization in the Parc-National Dzanga-Ndoki, Central African Republic seeks field assistant.

Employment Opportunities (continued)

The work involves habituation of gorillas, collection of data on group composition and diet, vegetation surveys and phenological monitoring. The field site is in a very remote location (20km hike from nearest navigable river) and living and working conditions are physically challenging. The position is for a one year volunteer position beginning January 15, 1998. Applicants should have a university degree in Biology or related field, an interest in primate ecology and behavior, be physically fit, independent, resourceful and able to work as part of a small team in challenging, isolated conditions. Previous fieldwork experience a must. Previous work in Africa and fluency in French would be advantageous. No salary, but airfare and in-country living expenses will be paid. Deadline: **December 1, 1998** (but late applications accepted). Please send a CV, cover letter and 3 letters of reference to: Diane Doran, Department of Anthropology, SUNY at Stony Brook, Stony Brook, NY 11789, USA.

Field Research Assistant - Bwindi-Impenetrable Great Ape Project (BIGAPE). BIGAPE is a field study of the ecological relationship between sympatric chimpanzees and mountain gorillas in Bwindi-Impenetrable National Park, southwestern Uganda. It is based at a primitive research station, Camp Kashasha, located about 15 km southeast of the Buhoma gorilla ecotourism center in Bwindi. For a more complete description of Bwindi and of the project, please see our website: <http://www-rcf.usc.edu/~stanford/bigape.html>. The duties of the field assistant are: 1) Collection of ecological and behavioral data on the chimpanzee community and unhabituated gorilla groups; 2) Some habituation of the chimpanzee community; 3) Gather phenological data on forest cycles of fruiting and leafing; and 4) Manage the newly constructed research station and the Ugandan staff. Preference will be given to applicants with prior experience in independent fieldwork in primitive conditions. Airfare and a sufficient monthly living stipend will be provided. Term of Appointment: 1 year (May 1999 to May 2000). Application Deadline: **December 31, 1998**. For more information, contact: Craig Stanford, Department of Anthropology, University of Southern California, Los Angeles, CA 90089-0032; Tel.: (213) 740-1918; Fax: (213) 747-8571; E-mail: stanford@almaac.usc.edu.

Woolly Monkey Keeper - The Monkey sanctuary Co-operative Limited. Two new members are required to work with the monkeys. Duties include looking after a colony of woolly monkeys, talking to visitors (when open in summer), administration work, fundraising and campaigning work, and maintenance of the monkeys territory, gardens, and public areas.

No qualifications required, but we will give priority to people with the following experience: primate rehabilitation, Portuguese or Spanish language, fundraising/campaigning experience, business administration skills, veterinary experience, Brazilian experience (we encourage Brazilian Nationals to apply). £62 weekly plus food and accommodation provided (living at the Sanctuary with the rest of the team). Application Deadline: **December 1998**. Send a letter and a C.V. to: Lucy Moleson, The Monkey Sanctuary, Murrayton house, Looe, Cornwall PL13 1NZ, U.K.; Tel.: 01503 262532; Fax: 01503 262532; E-mail: monkey_sanctuary_uk@compuserve.com.

Chimpanzee Caregiver, in Ghana, West Africa, for American owned and operated Chimpanzee Rehabilitation Project and Sanctuary. Duties include but are not limited to being the project curator, supervising, training, reporting, field observations, feed procurement, animal health care, enrichment, security, caging improvements & repair. Qualifications for position includes required minimum 2 years direct care and responsibility for chimpanzees, plus verified references and time commitment requirement. Please respond in writing to: Wallace W. Swett, Scientific Advisor, Friends of Animals Chimpanzee Rehabilitation Project & Sanctuary, 26099 Dull Knife Trail, San Antonio, TX 78255, USA.

Research Assistant - Primate Cognition Laboratory, Columbia University. Highly motivated assistant is needed for a project investigating the cognitive abilities of rhesus macaques. Central topics include a monkey's ability to discriminate and order numerical stimuli, and to learn and recall arbitrary sequences composed of photographic stimuli. Responsibilities include running daily experiments with the help of a touch sensitive video monitor that is positioned in front of the monkey's cage, data analysis, preparation of digital stimuli and record keeping. No handling of monkeys is required (or allowed). A description of the research can be found on my web page (www.columbia.edu/cu/psychology/primatocognitionlab/). College degree (BA, BS or equivalent), knowledge of computer operation (preferably with Macs), laboratory experience (preferably with primates), programming skills, a demonstrable interest in this type of research, and a commitment for two years. Starting salary commensurate with experience + free tuition for 8 points credit/semester + benefits. Send resume and relevant information by email (terrace@columbia.edu) or regular mail to Professor Herbert Terrace, 406 Schermerhorn Hall, Columbia University, New York, NY 10027; Tel.: (212) 854-4544; Fax: (212) 854-3609; E-mail: [\[@columbia.edu\]\(mailto:terrace@columbia.edu\); web: \[www.columbia.edu/cu/psychology/primatocognitionlab/\]\(http://www.columbia.edu/cu/psychology/primatocognitionlab/\). Deadline **December 15**.](mailto:terrace</p>
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Behavioral Technician - LABS of Virginia. Behavioral technician at a large primate breeding colony. Provide daily behavioral care for three species of macaques in large social groups. Duties include daily observations of assigned social groups, identification of individuals, hierarchy and medical assessments, husbandry and some veterinary care of neonates, group formations, group manipulations, and reintroduction of animals to social groups, documentation of observations, births, and animal movements. Also, data entry & analysis and enrichment duties. B.A. or B.S. in Anthropology, Primatology, Psychology, Zoology, or related field. Experience with nonhuman primates. Computer experience desired. Salary dependent upon experience; minimum one year commitment required. Application Deadline: **January 31**. Contact: Kathy Litton, LABS of Virginia, Inc., P.O. Box 557, Yemassee, S.C. 29945, USA; Tel.: (843) 589-5190; Fax: (843) 589-5037.

Primate Care Volunteer - Texas Snow Monkey Sanctuary. Duties include cleaning cages, feeding animals, monitoring health of animals, grounds work, animal census work, as well as occasional computer work. Hardworking, dedication, a willingness to learn as well as respect for the animals are important qualifications. Some knowledge of computer applications is also helpful. TSMS also requires certain medical tests to ensure the health of the animals. No stipend is available, but housing and ground transportation are provided. Minimum of two months commitment is required. Contact: Tanya Bell, Site Manager, Texas Snow Monkey Sanctuary, P.O. Box 702, Dilley, Texas, USA, 78017; Tel.: (830) 378-5775; Fax: (830) 378-5881; E-mail address: chango@vsta.com.

Volunteer Primate Keeper - International Center for Gibbon Studies (ICGS). Primate keeper will collect and enter behavioral data on approximately 35 captive gibbons, assist with routine yearly exam, occasional grounds maintenance. Qualifications: Love of animals; hardworking; honesty; dedication; computer literacy; knowledge of, or willingness to learn, cage building and gardening skills. We require a variety of vaccinations and medical tests to ensure the gibbons' and volunteers' health. This is a non-funded position. Housing is provided. One month minimum commitment required. Contact: Patti Dahle, Volunteer Coordinator, International Center for Gibbon Studies, P.O. Box 800249, Santa Clarita, USA, 91380; Tel.: (805) 943-4915; Fax: (805) 296-1237; E-mail: gibboncntr@aol.com.

Educational Opportunities in Primatology and Related Fields

Postdoctoral and graduate opportunities in animal behavior - Indiana University. The Program in Animal Behavior at Indiana University seeks outstanding candidates for training in animal behavior that combines approaches from biology, neuroscience, and psychology. Postdoctoral candidates should apply by **March 1st** for a one-year position with the possibility of funding for two years. Pre-doctoral candidates should apply by **Jan. 15th** for fall 1999. Send inquiries to CISAB, 402 N. Park, Indiana University., Bloomington, IN 47405; Tel.: (812)855-9663; Fax: (812)855-0411; E-mail: lisummer@indiana.edu, internet: <http://www.cisab.indiana.edu>. Applications by minorities and women are encouraged. AA/EOE. US citizenship is not required.

Neuroscience Program - We would like to announce the change in status of our neuroscience program to an independent, degree-granting unit. The program has existed at Michigan State University since 1975, but this change will provide a significant improvement in the overall training of students and postdocs. The goal of the program is to develop neuroscientists for careers in research and/or teaching in government, industry, and academia. Training may focus at levels ranging from biochemical, cellular and molecular to behavioral aspects of neuroscience, depending on the student's interest. The research areas in the program include autonomic nervous system function, neurotoxicology, neuroendocrinology, neurodegenerative/neuromuscular disease, neural development and plasticity, sensory and motor neurons, neural regulation of behavior, neural imaging and synaptic transmission, signal transduction, and intracellular metabolism. For further information about the training program, please refer to our web site: www.ns.msu.edu/neurosci. Alternatively, students can obtain information by sending an E-mail to the program office at feldpa15@pilot.msu.edu. Contact: Juli Wade, Psychology, Zoology & Neurosciences, Michigan State University, 235 Psychology Research Building, East Lansing, MI 48824; Tel.: (517) 432-8301.

W.M. Keck Program for Behavioral Biology - North Carolina State University. With the support of the W.M. Keck Foundation, a Program for Behavioral Biology has been established to provide an interdepartmental environment for training and collaborative research in the fundamental processes governing the behavior of animals. The Program combines molecular, evolutionary and quantitative genetics with physiology and behavioral ecol-

ogy using an integrated approach to study fundamental principles of animal behavior. An underlying theme of the research is the role of chemical signals in regulating the behavior, from the molecular to the environmental level. The Program solicits applications from outstanding students for pre- and post-doctoral fellowships to work on interdisciplinary projects with one or more of the faculty. Applicants should contact Dr. Robert Anholt, Program Director, Department of Zoology, Box 7617, Raleigh, NC 27695. Further information is available at: www.cals.ncsu.edu/beh_bio/.

Field Course in Primate Behavior and Ecology, December 27, 1998-January 18, 1999. Dr. Paul Garber and a team of graduate teaching assistants will offer an 'advanced' primatology course on the behavior and ecology of capuchin monkeys and howler monkeys at Ometepe, Nicaragua. The course will be directed to the needs of advanced undergraduates (juniors and seniors) and graduate students who are interested in a career in biological anthropology, primatology, tropical ecology, rainforest conservation, and field biology. For more information about the educational and research opportunities at the La Suerte (Costa Rica) and the Ometepe (Nicaragua) Biological Field Stations, see: www.studyabroad.com/lasuerte, or contact Paul Garber, Ph.D.; Department of Anthropology, University of Illinois, 109 Davenport Hall, 607 S. Matthews Ave., Urbana, IL, 61801; Tel.: (217) 333-0075; Fax: 244-3490; E-mail: p-garber@uiuc.edu.

Want to study Animal Behavior in Africa? Georgia Tech and Zoo Atlanta present a four week field course in animal behavior from June 15 - July 11, 1999 for 6 quarter credits in psychology. The course takes place in Atlanta (4 days at the zoo), South Africa (3 days), and Kenya (20 days). The priority of the course is to provide intensive instruction in animal behavior and observational methodology. In Atlanta, students are taught data collection methods and the behavior of East African mammals from a variety of zoo, academic, and field scientists. Students then use this information in Africa to conduct daily observations on a variety of species. Observations are conducted in both national parks and private reserves, permitting students to compare the behavior of a single species across settings. Students

also use the comparative psychology approach to examine behavior across closely related taxa. Daily observations are supplemented by readings, discussions, and lectures by field scientists. The course also places a strong emphasis on conservation, and students read and discuss many of the issues related to conservation in Africa. Spaces are limited to 12 students. The approximate cost of the course is \$6100 and applications are due by **February 15, 1999**. For additional information and an application, contact: Tara Stoinski, Research Dept., Zoo Atlanta, 800 Cherokee Avenue, Atlanta, GA 30315; Tel.: (404) 624-5826; E-mail: stoinski@mindspring.com.

Animal Behavior Internship Program - Behavior and Research Department, Sedgwick County Zoo, Kansas. The Sedgwick County Zoo is pleased to announce an internship program for students studying animal behavior. The program is designed to train students to conduct research, train animals and improve welfare in the zoo setting. Projects range from observational studies of animals in their environments to biological studies of such diverse topics as stress and reproduction. Students will need to meet the following requirements: Juniors, seniors, and graduate students in the fields of comparative psychology, psychobiology, zoology and related fields. Students must have had at least one year of research methods, one semester of animal behavior, and learning. A GPA of at least 3.0 is recommended. Students need to be self-starters and self-motivators and may need to work flexible and sometimes unusual hours. Students need to have good library skills. Students will be expected to write proposals, gather data, conduct literature searches, and other such research responsibilities. Students will also be involved with training various species of animals. While it is expected for students to understand the basics of these areas, they will be taught how to conduct such tasks. Some projects will call for hands-on opportunities with the zoo collection, while other projects will focus more on samples and/or observation. Please send CV, two references, and a short essay stating why you want this internship to: Emily Weiss, Curator of Behavior and Research, Sedgwick County Zoo, 5555 Zoo Blvd., Wichita, KS, 67212; Tel.: (316) 942-2212 ext. 257; E-mail: research@scz.org.

If you wish to announce a job opening or upcoming conference in the next ASP Bulletin, please contact the Editor: Janette Wallis, (405) 271-5251, ext. 47612; janette-wallis@ouhsc.edu DEADLINE for the March Bulletin - February 15.

Conference and Workshop Announcements

IACUC Responsibility For Research Animal Well-Being, 7-8 December 1998, San Antonio, Texas, USA. Sponsor: Scientist Center for Animal Welfare (SCAW), Office for Protection from Research Risks, NIH, and the University of Texas Health Sciences Center at San Antonio. Contact: Conferences, SCAW, 7833 Walker Drive, Suite 340, Greenbelt, MD20770; Tel.: (301) 345-3500; Fax: (301) 345-3503.

5th International Symposium on the Lion-Tailed Macaque, 11-13 January, 1999. Organizer: University of Mysore, Mysore, India. For further details, contact: Dr. Mewa Singh, University of Mysore, Mysore - 570 006, India. Tel. & Fax: 91-821-518772; E-mail: msingh@giasbga.vsnl.net.in.

European Marmoset Research Group (5th Workshop), 14-16 December, 1998. Location: Hotel Forest Hill, Paris, France. Focus: Advancing the concepts of multidisciplinary exchange. Topics of particular interest will include the validity of marmoset models in immunological research and as models for human disease states. Contact Christopher Pryce, Behavioural Biology Laboratory, Swiss Federal Institute of Technology, Schorenstrasse 16, CH-8603 Schwerzenbach, Switzerland; E-mail: pryce@toxi.biol.ethz.ch.

Animal Behavior Society (Annual Meeting), 26 June - 1 July 1999 at Bucknell University in Lewisburg, Pennsylvania. Plenary speakers include Gail Michener, Lynne Houck, and Steve Nowicki. Symposia include "Educating about Animal Behavior: A Broader Perspective." For further information see <http://www.cisab.indiana.edu/ABS/index.html> or contact local host, Michael Pereira; Tel.: (717) 524-1430; E-mail: mpereira@bucknell.edu.

Sunbelt XIX International Sunbelt Social Network Conference, Hawthorn Suites Hotel, Charleston, South Carolina, February 18-21, 1999. Deadline for abstracts: December 15, 1998. The International Sunbelt Social Network Conference is a major forum for social scientists, mathematicians, computer scientists, and all others interested in social networks. The conference provides an opportunity for individuals interested in theory, methods, or applications of social networks to share ideas and common concerns. Sponsors of Sunbelt XIX are the International Network for Social Network Analysis (INSNA) and the Department of Sociology at the University of South Carolina. Current session topics include: Corporate and Inter-organizational networks; Intra-orga-

nizational Networks; Personal Community Networks; Networks and Health; Networks and Game Theory; Diffusion; Networks Through Time; Social Support; Cognitive Networks; Biological Networks; HIV/AIDS; Communication Networks; Network Exchange; Methods and Statistics for Network Analysis. Conference information will be updated regularly at the INSNA web site: <http://www.heinz.cmu.edu/project/INSNA/>. For details on paper submission and registration, contact: John Skvoretz - Tel.: (803) 777-4968; skvoretz-john@sc.edu or Katherine Faust - Tel.: (803) 777-6848, faust@garnet.cla.sc.edu. Address for both: Department of Sociology, University of South Carolina, Columbia, SC 29208.

Third International Conference on Cognitive and Neural Systems, May 26-29, 1999. Sponsored by Boston University's Center for Adaptive Systems and Department of Cognitive and Neural Systems with financial support from DARPA and ONR. How Does the Brain Control Behavior? How Can Technology Emulate Biological Intelligence? The conference will include invited tutorials and lectures, and contributed lectures and posters by experts on the biology and technology of how the brain and other intelligent systems adapt to a changing world. The conference is aimed at researchers and students of computational neuroscience, connectionist cognitive science, artificial neural networks, neuromorphic engineering, and artificial intelligence. Call for Abstracts: Session Topics: vision - spatial mapping and navigation; object recognition - neural circuit models; image understanding neural system models; audition - mathematics of neural systems, speech and language, robotics; unsupervised learning - hybrid systems (fuzzy, evolutionary, digital); supervised learning - neuromorphic VLSI; reinforcement and emotion - industrial applications, sensory-motor control; other cognition, planning, and attention. Contributed Abstracts must be received, in English, by January 29, 1999. Notification of acceptance will be given by February 28, 1999. For complete details on submitting abstracts and registration, contact: Cynthia Bradford, Boston University, Department of Cognitive and Neural Systems, 677 Beacon Street, Boston, MA 02215; Fax: (617) 353-7755; E-mail: cindy@cns.bu.edu.

Endocrine Society (81st Annual Meeting), 12-15 June, 1999, San Diego, California, USA. Contact: Kim Akoto, The Endocrine Society, 4350 East West Highway, Suite 500, Bethesda, Maryland 20814-4410; Tel.: (301) 941-0220;

Fax: (301) 941-0259; Web site: <http://www.endo-society.org>.

The Society for Behavioral Neuroendocrinology (Annual Meeting), June 26-30, 1999, in Charlottesville, VA at the University of Virginia. The meeting features invited and contributed papers and posters that focus on neural, endocrine, molecular, and cellular aspects of behavior, studied in laboratory, field, and clinical settings. Housing and meeting sessions will be at the University of Virginia campus. Contact Emilie Rissman at the University of Virginia for more information (E-mail: rissman@virginia.edu). For information about the program contact Rae Silver (qr@columbia.edu).

World Anthropology at the Turn of the Century, IVth International Congress of Ales Hrdlicka, 31 August to 4 September, 1999. Location: Praha-Humpolec, Czech Republic. Organized by: Charles University in Prague, Czech Anthropological Society, Town Humpolec, National Museum, Prague, Museum of Dr. Ales Hrdlicka, Prague. Focus: Theory, History, Methodology, Human Evolution, and Primatology. Contact: Department of Anthropology, Faculty of Science, Charles University in Prague, Viniena 7, 128 44 Praha 2, Czech Republic; Tel.: 420 2 21900144; Email: vaclav.vancata@pdf.cuni.cz (Vaclav Vancata); WWW: <http://www.natur.cuni.cz/hardlicka>.

Models of Primatologicos de la Evolucion Humana, Asociacion Primatologica Espanola (APE, III Congreso), 20-22 September, 1999. Location: Campus de la Universidad Autonoma de Barcelona. Contact: III Congreso de la Asociacion Primatologica Espanola, Secretaria del Departamento de Biologia Celular y Fisiologia, Facultad de Ciencias, Universidad Autonoma de Barcelona, Cerdanyola 08193, Barcelona, Spain; Fax: 93-5812295; Email: jvea@psi.uib.es.

Mating and Social Systems of Old World Monkeys, 1 December, 1999. Winter meeting: Primate Society of Great Britain. Location: Institute of Zoology, London, UK. Offers of papers—oral or posters—are very welcome. Contact Caroline Rossor Mairi Macleod, School of Life Sciences, Roehampton Institute London, West Hill, London SW15 3 SN, UK; E-mail: c.ross@roehampton.ac.uk or m.macleod@roehampton.ac.uk.

ASP - 12-16 August 1999, New Orleans. See details elsewhere in this *Bulletin*.

Special Topics in Primatology, Volume 1

Primate Conservation: The Role of Zoological Parks

Volume Editor - Janette Wallis

Series Editor - H. Dieter Steklis

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Janette Wallis, Ph.D. - Executive Secretary
AMERICAN SOCIETY OF PRIMATOLOGISTS
Department of Psychiatry & Behavioral Sciences
University of Oklahoma Health Sciences Center
P.O.Box 26901
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