

ASP BULLETIN

John Savage, Ph.D.
Executive Secretary

Dara Zirotsky
Editorial Assistant

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FROM THE PRESIDENT

Greetings to ASP members. Just a reminder: our 1998 ASP meeting will be held in Georgetown, Texas. Steve Schapiro, our local host, has worked diligently to provide the local arrangements. And once again, our Program Committee, chaired by Evan Zucker, has lined up an exciting science program with excellent speakers, symposia, workshops, and topic-oriented sessions. I look forward to seeing you there. I would also like to take this opportunity to update you on other ASP activities.

ELECTIONS: We are in an election year and the Nominations Committee consisting of Joe Erwin (Chair), Matt Kessler, Don Lindburg, Julie Worlein, and Leanne Nash has provided the following slate for the offices of ASP:

PRESIDENT	SECRETARY	TREASURER
John Capitanio	Gabriele Lubach	J. Dee Higley
Lynn Fairbanks	Janette Wallis	Steve Schapiro

This is an outstanding slate of candidates, and I want to thank the Nominations Committee for a job well done. To learn more about each candidate, please refer to the brief biographical sketches below. I have formed an Elections Committee consisting of Molly Bloomsmith (Chair), Debra Forthman, and Filippo Aureli. Ballots will be sent to full members and should be returned to our Elections Committee Chair (relevant information will be enclosed in the ballot).

CONSTITUTIONAL AMENDMENT: Two years ago, Joe Erwin asked me to put together a committee to review the ASP constitution, to identify areas of confusion, and to determine whether Society practices were consistent with our constitutional laws. The committee consisting of myself, Nancy Caine, and Orv Smith produced a report that was accepted at the Executive Committee meeting in 1997 and then passed on to the Board of Directors. In the report, we identified a number of areas of confusion, reflecting a lack of knowledge of the constitution and bylaws by some committees and chairs and suggested ways to improve the flow of information. However, the committee also identified a problem concerning the length of office for Secretary and Treasurer. The constitution describes the term of office for each officer as being for a two year period (Article 5, Section 3). However, some Secretaries and Treasurers have served multiple terms, thus, Society practices are inconsistent with our constitution. Because our Society has clearly benefitted when secretaries and treasurers serve consecutive terms, the committee proposed adding a statement under Article 5, Section 3 that permitted two terms in consecutive sequence. This proposal was approved by the Executive Committee and by the Board of Directors at the 1997 meeting. As part of the ballot, you will be asked to vote on this proposal. Passage of a constitutional amendment requires a two-thirds majority of those members returning marked ballots.

The new statement would read as follows:

"The term of office for all officers shall be for a two year period and shall begin at the end of the Business Meeting of the Society held after their election. *The Secretary and Treasurer can be re-elected to one additional consecutive term.*" (added material is in italics).

Pros: This change will clarify the term of office for Secretary and Treasurer and make our society practices consistent with the constitution. By limiting the term of office to four years, we ensure the infusion of new ideas and new perspectives.

Cons: The Secretary and Treasurer sit on the Board of Directors with the President, President-Elect, and the Immediate Past President. This proposal will limit the term of office for Secretary and Treasurer to four years even though all presidents serve on the board for 6 years (2 as President-Elect, 2 as President, and 2 as Immediate Past President). The terminology is sufficiently vague and does not specifically proscribe multiple terms of office. It should be left as is.

JOURNAL CONTRACT: Our formal contract with Wiley-Liss is up for renewal. We are now making decisions about the contract and the issues to be renegotiated. If you have any information or concerns, please contact Sally Mendoza, Chair of the Publications Committee or send a message to me (mnovak@psych.umass.edu).

PRIVATE OWNERSHIP OF PRIMATES: Following receipt of a report from the task force concerned with the Private Ownership of Primates (chaired by Janette Wallis), Joe Erwin, the Immediate Past President, developed a position statement regarding the private ownership of primates. We plan to place this statement on our Web page, pending review by the relevant committees. This statement is currently under review in the Publications Committee. - *Melinda Novak, President*

NOMINEES FOR PRESIDENT

Name: John P. Capitanio
Affiliation: Dept. of Psychology and California Regional Primate Research Center,
University of California, Davis, CA
Degree and Institution: Ph.D., 1982, Univ. of California, Davis
Research Interests: Social relationships, biobehavioral organization, psychoneuroimmunology
Previous ASP activities: Consulting Editor, American Journal of Primatology (1997-pres)
Publications Committee (1996-1998)
World Wide Web page manager (*www.asp.org*) (1995-pres)
Executive Committee (1994-1996)
Chair, Research and Development Committee (1994-1996)
Nominations Committee (1994)
Executive Committee (1992-1994)
Chair, Research and Development Committee (1992-1994)
Research and Development Committee (1990-1992)
Program Committee (1986-1987)
Student Paper Prize Judge (1986)
Nominations Committee (1986)

Goals:

I believe that the American Society of Primatologists is a very strong society. We are active in conservation areas; we have a journal that is a top-notch publication in the field of Primatology; a new book series that will bring up-to-date information to bear on selected topics; programs to support research; as well as mechanisms to identify excellence in our field at all levels. I would like to see the Society continue in its current directions, and to see support for these endeavors expand. I also would like to increase the Society's outreach and visibility, both to the general public and to other professionals. I believe that there is considerable interest by the public in the study of nonhuman primates; our research to them affords an opportunity for education about the behavior, biology, and conservation of the animals we study, and, at a more general level, about the scientific enterprise itself. The advent of new technologies, such as the World Wide Web and Internet communication, may facilitate these efforts. Similarly, there are other professional societies and organizations, some of which we have established liaison with, that include as members individuals who may be interested in ASP. In addition, members of ASP have expertise that might be valuable as other organizations make decisions. Our recent affiliation with AAALAC is an example. Further cooperation and exchange may be beneficial to the memberships and goals of both ASP and the other societies. In short, I would like to see our Society develop as a resource for others who have interests in, or needs for information about, all aspects of Primatology.

Name: Lynn A. Fairbanks
Affiliation: Department of Psychiatry & Biobehavioral Sciences,
Neuropsychiatric Institute, UCLA
Degree and Institution: Ph.D.; UCLA
Research Interests: Primate behavior with emphasis on proximate and ultimate influences on maternal behavior,
development, and individual differences in temperament
Previous ASP activities: Education Committee
Publication Committee,
Awards and Recognition Committee

Goals:

If elected President, I hope to continue the ASP tradition of fostering research and communication across topics, disciplines and theoretical viewpoints, and to maintain the Society's commitment to primate conservation. One new task I would like to accomplish as ASP President would be to facilitate funding of primate research by establishing a task force to provide input to funding agencies, organize lobbying efforts, and set up a web-site with current information about fund sources.

NOMINEES FOR SECRETARY

Name: Gabriele Lubach
Affiliation: Wisconsin Regional Primate Research Center
University of Wisconsin - Madison
Degree and Institution: Ph.D. in Anthropology, University of Wisconsin-Madison
Research Interests: Early development, immunology, and behavior
Previous ASP activities: Member, Education Committee (1991-1994)
Chair, Education Committee (1995-1998)
Executive Committee (1995-1998)
Publications Committee (1993)
Member, AJP Editorial Board

Goals:

As Executive Secretary, I would follow the duties as described in the ASP Bylaws. These include serving on the Executive Committee and Board of Directors, and recording the minutes of those meetings. Through the ASP bulletin, I would keep the membership informed of ASP activities.

Name: Janette Wallis, Ph.D.
Affiliation: Research Scientist, Oklahoma Biological Survey
University of Oklahoma
Degree and Institution: Ph.D., Interdisciplinary Studies (Psychology, Anthropology, & Zoology) University of Oklahoma, 1986.
Research Interests: Reproductive behavior and biology; conservation
Previous ASP activities: Chair, Publications Committee (1994-1996)
Chair, Private Ownership of Primates Task Force (1994-1995)
Member: Conservation Committee (1992-1994, 1996-present)
Editor, Volume 1 of ASP's book series on Special Topics in
Primate Conservation: The Role of Zoological Parks.

Goals:

The ASP's Constitution states that our purpose is "exclusively educational and scientific; specifically to promote and encourage the discovery and exchange of information regarding primates." We do this through our annual conference and our involvement with the American Journal of Primatology. But those activities reach a very limited number of people. I believe the Society has a responsibility to do more. As an example, in 1995 the ASP's Private Ownership of Primates Task Force created a list of recommended activities for ASP, many of which would help improve the public image of primates, more accurately depict primates in the media, and better educate non-scientists about primates and primate research. To date, none of these recommendations have been acted upon; if elected to the Board, I will work to encourage ASP approval of some of the Task Force's ideas.

In addition, if elected to the office of Executive Secretary, I will upgrade the appearance and content of the ASP Bulletin, by modifying the format, including graphics, and adding relevant news items to the traditional committee reports and job announcements.

NOMINEES FOR TREASURER

Name: Steve Schapiro
Affiliation: The University of Texas M. D. Anderson Cancer Center
Department of Veterinary Sciences
and
Southwestern University
Department of Psychology
Degree and Institution: Ph.D., 1985, Comparative Psychology
University of California at Davis
Research Interests: Environmental enrichment, behavior in captivity, psychoneuroimmunology
Previous ASP activities: Treasurer, (1996-present)
Chair, Local arrangements committee, ASP '98
Chair, Membership and Finance committee, (1996-present)

Goals:

I have four primary goals that I would like to continue to pursue if re-elected as Treasurer of ASP. The first is to increase the participation in our Society of students and professionals who work with primates, but do not necessarily consider themselves primatologists (e.g., veterinarians, biomedical researchers, conservationists). Attracting these individuals and their expertise to our Society and exposing them to our expertise at our meetings will benefit these individuals, ASP, and nonhuman primates. The second goal is to continue building the assets of the Society to allow us to pursue our work on behalf of nonhuman primates. Thirdly, I want to continue guiding the management of ASP assets to maximize the return on our investments, while 1) minimizing risk and 2) maintaining a conservation-minded, "earth-friendly" portfolio. My fourth goal is to continue to help establish guidelines for and to encourage spending ASP money on projects likely to yield both short-term and long-term benefits for nonhuman primates. The include enhancing our ability to disseminate accurate information about primates to the public through continued web-site development and the development of ASP-funded educational grants and positions (e.g., studentships, postdocs).

Name: J. Dee Higley
Affiliation: National Institutes of Health, NIAAA, LCS, Primate Unit
Degree and Institution: Ph.D., University of Wisconsin, Madison
Research Interests: Behavior, psychobiology, individual differences
Previous ASP Activities: Program Committee
Research and Development Committee

Goals:

My principal goal would be to maintain the high standards set by previous Treasurers in maintaining the strong fiscal status of the Society, while supporting the goals and programs that the ASP has embraced. I would work to move the Society as much as further possible into the electronic age, including, where possible, financial activities such as membership, notices, and dissemination of ideas.

TREASURY NOTES

If you have not paid your 1998 ASP dues, you should have received your second dues notice by now. The first dues notice was included in the call for abstracts for the 1998 ASP meeting in Georgetown, TX. To guarantee that you will be included in the 1998 ASP Directory, make sure to pay your 1998 dues by March 28, 1998. To minimize the potential for disruptions to your AJP subscription, renew as soon as possible.

Thanks to the anonymous matching donor and to those of you who chose not to ask for a refund of your 1997 overpayment of IPS dues, we contributed \$4960.00 to the IPS Conservation Fund. Congratulations and thank you.

If you are having problems with your AJP subscription, please let me know. - *Steve Schapiro, Treasurer,*
an83000@mdacc.mda.uth.tmc.edu

AWARDS AND RECOGNITION COMMITTEE REPORT

This is the final reminder concerning nominations for two ASP Awards.

- 1) *The Distinguished Award*: This award honors a primatologist who has had an outstanding career and made significant contributions to the field. Nominations should be made in writing and must include a narrative that describes the nature and extent of the nominee's contributions to primatology. Nominators must also see that two additional letters of support be submitted on behalf of the nominee.
- 2) *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 the ASP and to primatology in general. A nominating letter of support must be included at submission.

If you would like to nominate individuals for either of these special awards (**Deadline** for receipt is **15 May 1998**) send pertinent information to: Gerry Ruppenthal, Chair, Awards and Recognition Committee, Box 357920; University of Washington, Seattle, WA 98195; FAX (206) 616-9774; email: gerry@u.washington.edu - *Gerry Ruppenthal, Awards and Recognition Committee Chair*

LOCAL ARRANGEMENTS

To avoid some of the late charges, and to facilitate our planning, please register for the meeting and reserve dormitory accommodations at your earliest convenience. Payments for dormitory rooms should be made out to ASP and sent to me.

Presenters planning to use Powerpoint for their presentations will be contacted in the near future with detailed instructions for

presentation preparations.

There are only a few spaces left for exhibitors. If you would like to reserve a table, please contact me as soon as possible. If you have any local arrangements questions, please contact me. - *Steve Schapiro, Local Arrangements Chair*, an83000@mdacc.mda.uth.tmc.edu

PROGRAM COMMITTEE REPORT

The program for the 1998 ASP meeting is nearly set. The Keynote Address will be given by Ben Beck ("Cognitive Aspects of Reintroduction of Golden Lion Tamarins in Brazil"), and the Featured Speakers will be Carol Berman ("The Development and Inter-Generational Perpetuation of Kin Bias Among Cercopithecines"), Dick Dukelow ("The Alpha Males...An Historic Look at the Development of the U.S. Regional Primate Research Centers and the Individuals that Started Them"), and Tom Butler ("Baboons (*Papio sp.*) in Biomedical Research"). The program also includes three workshops, including one for teachers, organized by Melissa Haberstroh and the Education Committee, entitled "Primateology in the Classroom - A Comprehensive Workshop for Teachers." The other workshops are "Advances in Primate Training" (organized by Peggy O'Neill-Wagner and Adam Stone) and "The Well-Being of Socially-Housed Captive Chimpanzees" (organized by Sue Howell, Jo Fritz, and Tom Wolfle). At the invitation of the Program Committee, Dick Dukelow has organized a "mini-symposium" on "The Role of the Regional Primate Research Centers and Other Primate Facilities in Future Research." Other notable features of the program include a paper session organized by Joe Erwin and Linda Taylor addressing the Behavior and Neurobiology of Primate Aging and an "interest group" meeting arranged by Lynn Fairbanks, about the "Neurobiology and Physiology of Individual Differences in Maternal Behavior."

There were 110 contributed abstracts (70 oral and 40 poster presentations). In addition to the poster sessions on Monday and Tuesday evenings (organized by topics), there will be oral paper sessions about Learning/Cognition/Communication, Genetics and Psychobiology, Ecology, Infant Development and Maternal Behavior, Colony Management and Enrichment, Reproduction and Endocrinology, Social Behavior, and Conservation.

The Program Committee thanks all of you who contributed abstracts for this meeting. Program Notification Cards will likely have been sent by the time this issue of the Bulletin reaches you. The program, when completed, will be available on the Society's web page (<http://www.asp.org>). A message will be posted on Primate-Talk when the program is available; for those of you who do not subscribe to Primate-Talk, check the web page periodically for the program. - *Evan Zucker, Program Committee Chair*

CONSERVATION COMMITTEE REPORT

Past recipient of the ASP Conservation Award receives major national awards. Dr. Mukesh Chalise of Nepal, who received the 1996 ASP Conservation Award and an ASP Conservation Grant award for his project entitled, "Familiarization of Environmental Problems Through Conservation Education," has recently been awarded the "Mahendra Vidhya Bhushan - I Class" by His Majesty, the King of Nepal. This gold medal award is Nepal's highest honor in academics. Dr. Chalise also received the "Education Award - 1998" awarded by the government of Nepal for "Significant Contribution in the field of Education in Nepal."

Orangutan conservation in East Kalimantan (Borneo), Indonesia. During my recent trip to Indonesia (Jan-Feb 1998), I had the opportunity to assist Dr. Willie Smits and his staff from the Orangutan Reintroduction Project-Wanariset Station, Balikpapan, East Kalimantan with the reintroduction of 33 rehabilitant orangutans to Meratus Forest. The entire operation went extremely well. Ms. Rondang Siregar, the Project Manager, was a 1997 recipient of an ASP Conservation Small Grant award for her project entitled "Assessing the Behavioral Competence of Rehabilitant Orangutans Reintroduced to the Meratus Forest, East Kalimantan." The new releases will be included in her assessment. On a related note, the continuing forest fires in Kalimantan are creating a desperate situation for many wild orangutans. As we were preparing the 33 orangutans for departure, 14 infant orangutans arrived at the station - many in need of immediate medical attention. Most had been orphaned as a result of the fires. I would like to commend the staff of the Orangutan Reintroduction Project for their efforts in support of orangutan conservation.

Call for Conservation Award Nominations and Grant Applications

Nominations for Conservation Awards and Grants are now being sought by the American Society of Primatologists. 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. An award nomination is basically a letter of recommendation. A grant proposal should consist of a concise narrative (a few pages) plus a budget page.

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 encouraged. 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 of the well-being of primates. Such contributions could arise from work done in the 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 benefitting 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 encouraged. 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 to help someone from a habitat country submit a meaningful project which can be a portion of a larger effort. Grant proposals must be typed in English, should not exceed 2000 words, and should include a brief budget page. Recipients of grants must agree that a brief progress report, in a form suitable for publication in the *ASP Bulletin*, will be made 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 Executive Committee at its annual meeting. Successful nominees and applicants will be informed following the meeting and their names will be published in the *ASP Bulletin*. The **1998 deadline** for submission of nominations and grant proposals is **22 May 1998**. They should be sent to Randall C. Kyes, Chair, ASP Conservation Committee, Regional Primate Research Center, Univ. of Washington, Box 357330, Seattle, WA 98195 - *Randall C. Kyes, Conservation Committee Chair*

EDUCATION COMMITTEE REPORT

Listed below are opportunities for students to become involved in primate research/husbandry. Additional information should be obtained by contacting the persons listed below. Please check the following website for additional listings:

<http://www.primate.wisc.edu/pin/jobs> - *Gabriele Lubach, Education Committee Chair*

1998 SUMMER ASSISTANTSHIPS/INTERNSHIPS IN PRIMATOLOGY

The listings are set up in the following manner:

a) name, address, etc; b) description of assistantship; c) starting date and length; d) stipends; e) skills needed; f) other information

- 1.a) Susan Howell, Assistant Research Director, Primate Foundation of Arizona, P.O. Box 20027, Mesa, AZ 85277-0027, phone: (602)832-3780, fax: (602)830-7039, email: SHOWELL607@AOL.COM
- b) The Summer Research Internship for undergraduate and graduate students in the behavioral sciences is designed to provide experience in observational research and environmental enrichment of captive chimpanzees (*Pan troglodytes*). Duties are assigned based upon intern qualifications and level of experience. They may include: behavioral observations, data entry and management, analysis and manuscript preparation. All interns assist in the daily preparation of environmental enrichment items or foods.
- c) The earliest starting date is 1 June 1998, and the length of appointment is 60 days.
- d) No stipend or financial assistance is provided, however low-cost or no-cost housing may be available.
- e) Undergraduate applicants should have completed at least 2 years of a 4-year BA/BS program. Primatology course work and experience is helpful. Graduate applicants should have completed graduate level primatology and statistics course work. In

addition, prior experience in behavioral data collection is helpful.

- f) Applicants should send a letter of interest, 2 letters of recommendation, and an unofficial copy of their transcripts no later than 15 April 1998.

- 2.a) Mary Lee Jensvold, Ph.D., Apprentice Coordinator, Chimpanzee and Human Communication Institute, Central Washington University, Ellensburg, WA 98926, phone: (509)963-2215
- b) The CHCI Summer Apprentice Program is a 10-week program where participants gain experience in research and care of 5 chimpanzees who use the signs of American Sign Language to communicate. Apprentices are at the Institute daily cleaning enclosures, preparing meals and enrichment, making daily observations of the chimpanzees, and participating in a research project. The first week is intensive training in the lab jobs and chimpanzee behaviors. The philosophy of CHCI is that the needs of the chimpanzees come first. Apprentices will be trained in humane care and research techniques.
- c) 21 June - 28 August 1998
- d) A limited number of partial scholarships are available. The program tuition is \$1,500.
- e) A course in American Sign Language prior to arrival is highly recommended.
- f) The program tuition is \$1,500. The application deadline is 20 March 1998. For an application and more information see our website (www.cwu.edu/~cwuchci) or contact the Apprentice Coordinator at the above address.

- 3.a) Mollie Bloomsmith, Ph.D., Zoo Atlanta, 800 Cherokee Avenue S.E., Atlanta, GA 30315, phone:(404)624-5990, email: pszoobm@prism.gatech.edu
- b) Collecting observational data on a variety of animals housed at Zoo Atlanta. These may include gorillas, orangutans, drills, and lemurs, as well as non-primate species. Edit data and run summary statistics for a variety of projects.
- c) Start May or June, with a 3-month minimum.
- d) No stipends or other assistance available.
- e) Experience with observational data collection, and with statistics and data-collection software is a plus. Courses in animal behavior and experimental design are helpful.

EMPLOYMENT/EDUCATIONAL OPPORTUNITIES

Field Assistantship at the Caribbean Primate Research Center - The assistant will work with the free-ranging rhesus monkeys on the island of Cayo Santiago, Puerto Rico, as part of a longitudinal study of biobehavioral development and temperament in young rhesus. Responsibilities will include collection of behavioral data throughout the year, data tabulation and weekly reports, and assisting senior investigators with physiological sampling of subjects during the annual trapping of the colony. Appointment is for 1+ years, beginning July 1998. A stipend is available to cover travel and living expenses. Qualifications: Bachelor's degree in biology, zoology, psychology or anthropology; experience collecting behavioral data (preferably with primates) and familiarity with computers. A high level of maturity and ability to get along with people is essential. Send resume and 3 references to Dr. Kathlyn Rasmussen, NIH Animal Center Bldg. 112, P.O. Box 529, Poolesville, MD 20837, email: klr@helix.nih.gov

Volunteer Primate Keeper at the International Center for Gibbon Studies (ICGS) - Primate keeper, collect and enter behavioral data (on Macintosh) on approximately 35 captive gibbons, assist with routine yearly exams, occasional grounds maintenance. Applicant requisites: love of animals; hardworking; honesty; dedication; computer literacy; knowledge of, or willingness to learn, cage building and gardening skills. A variety of vaccinations and medical tests are required to ensure the gibbons' and volunteers' health. There are no stipends, but housing and transportation to and from LAX at arrival and departure are provided. The term of appointment is a one-month minimum; volunteers are needed all year, with a shortage generally in Sept-Apr. ICGS is a non-profit organization devoted exclusively to the study, preservation and propagation of these endangered lesser apes, the gibbons. Contact: Patti Dahle, Volunteer Coordinator, International Center for Gibbon Studies, P.O. Box 800249, Santa Clarita, CA 91380, phone: (805)296-2737, fax: (805)296-1237, email: gibboncntr@aol.com

Volunteer at the University of California Research Expeditions Program - The long-term goal of this project is to understand the evolution of two most unusual characteristics among primates: a monogamous type of social organization and a cathemeral pattern of activity (i.e. cathemeral animals show periods of activity both during the day and during the night). Owl monkeys, the species of study, is the only cathemeral monkey in the world and one of the few monogamous primate species. Volunteers will collaborate with Dr. Eduardo Fernandez-Duque during two or four weeks and will be responsible for: setting up vegetation plots, remarking transects with aluminum tags and fluorescent flagging, collecting vegetation samples, locating and following groups of monkeys, marking trees used by monkeys with fluorescent flagging, mapping (using compass and tape) the paths followed by the monkeys. Volunteers will also collaborate in all camp-related tasks. The restrictions on participation are

primarily defined by the characteristics of the work involved. The work will be physically and psychologically demanding. Long night hours will be spent in the forest which will require from the volunteers a considerable flexibility in their sleeping patterns. There is no salary or funding, but the costs of travel, meals, and lodging are included in the fees the volunteers pay to participate in the project. The term of appointment is 2 or 4 weeks. Contact Ms. Jean Colvin, Director of UREP, University of California - Berkeley, Berkeley, CA 94720, phone: (510)642-6586, fax: (510)642-6791, email: urep@uclink.berkeley.edu, web page: www.mip.berkeley.edu/urep.

Paid Internship at UC-San Francisco - The internship is through the Animal Care Facility, in conjunction with an MA program at San Francisco State University. Candidates must be willing to work at improving the well-being of animals, mostly individually caged, which are involved in biomedical research projects. Most of the animals involved are marmosets, squirrel monkeys, macaques, dogs, cats, pigs, rabbits, and Guinea pigs. Duties will include planning, designing, purchasing, preparing, distributing, and analyzing the utility of environmental enrichment equipment. Successful completion of an MA program in Behavior and Physiology or Ecology with a concentration in Biology will include research and thesis work on enrichment. Submit a CV, copies of transcripts and GRE scores, and a letter of interest to Dr. Hal Markowitz, Department of Biology, San Francisco State University, 1600 Holloway Ave, San Francisco, CA 94132. For more information please contact Allegra Bukojemsky, phone: (415)476-6100 ext 40733, fax: (415)502-6107, email: allegrab@sfsu.edu

Ph.D. Research Projects in Computational Anthropology at the University of South Hampton- Up to two studentships may be awarded for research in Primate Geographical Ranges: Habitat Characteristics and Demographic Implications, to be held jointly in the Departments of Archaeology and of Electronics and Computer Science starting October 1998. This project will involve analysis of the geographical ranges of living nonhuman primates in relation to habitat cover, population density, and life history strategy. Particular emphasis will be placed on estimating extinction risks, as a contribution to primate conservation biology. Secondary emphasis will be placed on using such techniques to estimate speciation and extinction probabilities for Pleistocene hominid populations in Africa and Eurasia. EPSRC Quota Studentships are each for three years of full time research, including tuition fees and a maintenance grant (currently around 5000 pounds). It is expected that a holder will submit a Dissertation for the award of a Ph.D. at the end of the third year. EPSRC Studentships are available to any suitably-qualified E.U. citizen. You should have (or expect to have by October 1998) an honors degree in Biology, Anthropology, Archaeology, or a closely-related discipline. You should be well motivated, and have demonstrable aptitude for computing and for quantitative analysis (programming experience is not required). You should also be capable of teamwork in a research group environment. Apply before 1 May 1998. Contact: James Steele (Archaeology, tjms@soton.ac.uk) or Simon J. Cox (Electronics and Computer Science, sjc@soton.ac.uk)

BULLETIN BOARD

New Research Fellowship with Orangutan Foundation International (OFI) - The Lorraine P. Jenkins Memorial Fellowship for Orangutan and Rain forest Research (LPJ Memorial Fellowship) from OFI is a competitive award open to any graduate or undergraduate student planning to conduct orangutan, primate, or related rain forest field research in either Indonesia or Malaysia. Priority consideration will be given to students planning to study new populations of orangutans. Students from orangutan habitat and tropical rain forest countries are encouraged to apply. Two inaugural LPJ Memorial Fellowships of \$1,000 will be awarded in 1998. Applications for 1998 are due on 20 April 1998. Contact OFI for applications. Completed applications should be sent to the Orangutan Foundation International, attn: LPJ Memorial Fellowship, 822 S. Wellesley Ave., Los Angeles, California 90049

Proceedings from the Fourth Annual Workshop on the Care and Management of Captive Chimpanzees now available - The topic this year was facility design. To request a copy of the proceedings send your mailing address to Linda Brent, PhD, Southwest Foundation for Biomedical Research, P.O. Box 760549, San Antonio, TX 78245, email: lbrent@icarus.sfbr.org

New Focus Group on Comparative Primate Neurobiology - The primary purpose is to help bridge the gap between human and nonhuman primate comparative neurobiology by improving connections and communication between primatology, evolutionary psychology, paleoneurology, neuropathology, and other relevant fields. Contact: Joseph M. Erwin, PhD, VP, BIOQUAL, Inc., and Director, Division of Neurobiology & Behavior, 9600 Medical Center Dr., Rockville, MD 20850-3336, fax: 301-251-2801; email: JoeMErwin@aol.com

WEBSITES OF INTEREST

-Primate Info Net is a Web site of the Wisconsin Regional Primate Research Center with links to over 260 sites and 630 Web pages. PIN has a Search feature. <http://www.primate.wisc.edu/pin>

- Friends Group for the Wisconsin Regional Primate Research Center Library www.primate.wisc.edu/pin/fpctweb.html
- Chimp Haven: <http://www.sfbr.org/ChimpHaven>
- Bushmeat Project: biosynergy.org/bushmeat/
- News reports on Indonesian fires: www.worldwildlife.org/new/fires/home.htm
- Wisconsin RPRC's quarterly newsletter, Centerline: www.primate.wisc.edu/WRPRC/Centerline/index.html
- Wildlife Ecology Digest: members.aol.com/EcoDigest/wed.html
- Sulawesi Primate Newsletter: biology.sewanee.edu/bynum/home.html
- Gorilla Haven (this is a correction): www.gorilla-haven.org
- Infant Primate Lab (IPRL) web page <http://www.rprc.washington.edu/iprl/> includes some general descriptions and contains a copy of IPRL's Research Protocol and Technician's Manual. It also has a prototype for archival data publishing birth weights for pigtail macaques. It presents norms for males and females born in different housing conditions. It also allows the reader to input a birth weight and receive a birth weight centile value from the normative data.

CONFERENCE AND WORKSHOP ANNOUNCEMENTS

The New World Primate Symposium - The symposium will be held in conjunction with the Eastern Regional Conference in Boston, MA April 26, 1998. This year's topic is "Cebid Conservation and Management." Registration for the one day symposium is \$30.00. Contact: Lee Nesler, General Curator of the Pittsburgh Zoo, phone: (412) 665-3651, fax (412) 665-3925, or email: nesler@zoo.pgh.pa.us to secure registration and Abstract/poster submission forms or other information.

The Animal Behavior Society Annual Meeting - The meeting will be held 18-22 July 1998 at Southern Illinois University at Carbondale. Plenary speakers include Sidney Gauthreaux, Jane Brockmann, and Jeff Galef. For further information contact Local Host, Lee Drickamer, Dept. Zoology, Southern Illinois University, Carbondale IL 62901, phone: (618) 536-2314; email: Drickamer@zoology.siu.edu; web site: <http://www.cisab.indiana.edu/ABS/index.html>

Tenth Annual Meeting of the Human Behavior and Evolution Society - The meeting will be held 8-12 July 1998, at the University of California at Davis. Papers on non-human animals that have relevance to human behavior are welcome. Contact: Peter Richerson (Div. of Environmental Studies) or Monique Borgerhoff Mulder (Dept of Anthropology), UC-D, Davis, CA 95616, web: www.des.ucdavis.edu

International Primatological Society - The meeting will be held 9-14 August 1998 at the University of Antananarivo, Antananarivo, Madagascar. Contact: Secretariat of the XVII Congress, Madame Berthe Rakotosamimanana, Faculte des Sciences, Batement P, Porte 207, BP 906, Antananarivo 101 Madagascar; phone: 261 (03) 805 70; email: ralaiari@syfed.refer.mg

Measuring Behavior '98 - The Second International Conference on Methods and Techniques in Behavioral Research will be held at the University of Groningen, The Netherlands, 18-21 August 1998. The conference program consists of oral presentations, poster sessions, demonstrations, scientific tours, technical training, user meetings and a social program, as well as an exhibition of scientific books, instruments and software. Special attention will be given to the measurement of behavioral characteristics combined with in vivo (non-invasive) recording of the dynamic changes in time of physiological parameters. Deadline for submission of abstracts is 1 April 1998. Deadline for early registration is 15 June 1998. Contact: Measuring Behavior '98, Conference Secretariat, P.O. Box 268, 6700 AG Wageningen, The Netherlands, phone: +31-317-497677, fax: +31-317-424496, email: mb98@noldus.nl, web: <http://www.noldus.com/events/mb98/mb98.htm>

Fifth International Symposium on the Lion-Tailed Macaque (*Macaca silenus*) - The symposium, being organized by the University of Mysore, Mysore, India, will be held 11-13 January 1999. Papers on any aspect of lion-tailed macaque biology, ecology, behavior and conservation may be presented. There will be a special emphasis on problem oriented collaborative research between research scientists working on captive and wild populations. Contact: Dr. Mewa Singh, Professor of Psychology, University of Mysore, Mysore - 570 006, India. phone/fax: Residence: 91-821-514239; Office: 91-821-518772; email: msingh@giasbga.vsnl.net.in

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