

**Dr. Nancy G. Caine, Editor
Executive Secretary of ASP**

A Word from the Executive Secretary

Whereas it might seem logical that the Executive Secretary of an organization would be responsible for the address and membership lists of that organization, the constitution of ASP delegates those duties to the Treasurer of the society. The Treasurer collects annual dues, and s/he maintains the computerized mailing list based on payment of those dues. Therefore, if you have a change-of-address notice, or if you are wondering about your membership status, please contact Dr. Jeff French, ASP Treasurer. As Executive Secretary of the Society, I compose and mail the quarterly Bulletin. Insofar as my mailing labels come from Dr. French, Bulletins reach you if and only if your dues are recorded as paid and your address is up-to-date. If you fail to receive a Bulletin, you should check with Dr. French to determine if your dues are paid and if your address is correct as entered in the computer. If the problem is not with the Treasurer's records, it is most likely that your Bulletin was somehow lost in the mail. If this is the case, please notify me and I will send you an additional copy. Dr. French is at the Department of Psychology, University of Nebraska, Omaha, 68182; (402) 554-2558.



The Veracruz Meeting

Those ASP members who have registered for the annual meeting in Veracruz (June 24-27) have now received updated information regarding travel, accommodations, agenda, etc. Dr. Reinhold Hutz, Program Chair, has done an excellent job of providing us with valuable details that should facilitate our plans for attending the meeting. The meeting may be the biggest yet; the program includes four symposia (including over 30 papers), 10 paper sessions (97 papers), and two poster sessions (56 posters). In addition, Richard Stouffer will present the Keynote Address and Richard Dukelow, Alison Jolly, Charles Howard, and Julia Hilliard will serve as Featured Speakers. As this will be a joint meeting with the Asociacion Mexicana de Primatologia, we will have unique opportunities to make contacts with our colleagues to the south. Trips to nearby primate field sites will be available on June 28. The meeting will take place in the Hotel Emporio, a five star hotel with swimming pools, dining, and drinking facilities. Registrants must make their own lodging arrangements at the Emporio or other hotels.

If you did not receive the information package referred to above, or if you would like to register for the meeting, please contact Dr. Hutz at the Department of Biological Sciences, University of Wisconsin, Milwaukee, WI 53201 (414)229-6880; FAX 414 229 3926. The package includes information such as:

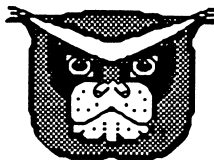
- availability of inexpensive bus transportation to Veracruz from Mexico City and locations in Texas
- travel agencies offering discounted fares to the meeting
- alternate lodging
- what to do in Mexico City during flight layovers

Finally, Dr. Hutz expresses his appreciation to the ASP membership for complying with the early (Jan. 2) deadline for submission of abstracts for the meeting. Because Wiley-Liss, publishers of the American Journal of Primatology, imposed early deadlines for transmittance of abstracts for publication in AJP, the Program Committee had no choice but to demand an early response from the membership.



Summer Internships for Students

As it has done for the past several years, ASP's Education Committee has compiled a list of summer internship opportunities for students interested in primatology. The 1991 directory is given at the end of this issue. There will be late additions to the list that were not available at the time that this Bulletin was printed. Interested students can contact Dr. Chris Duggleby, Chair of the Education Committee, to request updated information. Likewise, ASP members who are able to add an internship opportunity to the list should inform Dr. Duggleby right away. Dr. Duggleby's address is Dept. of Anthropology, SUNY, Buffalo, NY 14261 (716) 636-2356.



Part 3 of the APHIS Regulations is Passed into Law

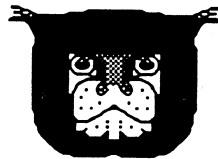
The final ruling regarding standards for care of nonhuman primates has been published in the Feb. 15 issue of the Federal Register. The standards will become effective March 18, 1991, with two exceptions: plans for promoting the psychological well-being of primates must be implemented by August 14, 1991, and facilities will have until February 15, 1994, to provide the new minimum

space requirements that are set forth in the final rule. A quick reading of the final ruling suggests that there are relatively few changes from the Aug. 15 document upon which so many of us commented (see below for a copy of the Research and Development Committee response). However, even small changes can have large effects; you are urged to carefully examine the now complete APHIS regulations (Parts 1, 2, and 3) as they may apply to your primate facility.



1990 AJP Subscription Award

A two-year subscription to the American Journal of Primatology was awarded to Dr. Julio C. Ruiz. Dr. Ruiz is the Director of Centro Argentino de Primates. Subscription awards, presented by the ASP Conservation Committee, are given to primatologists in countries with native primate fauna who do not have ready access to periodicals in our field. (See below for the call for 1991 awards).



Call For ASP Conservation Award Nominations and Grant Proposal

Nominations for three ASP conservation awards and a small grant are now being sought from the ASP membership. These awards and grant are funded from the ASP Conservation Fund. While these are but small contributions to the big conservation picture, our goal is to help and recognize deserving primatologists from primate source countries as well as our own students and contributing colleagues. Last year there were very few nominations from the membership and nobody applied for the grant. We know there are many qualified and deserving recipients out there, and there must be some projects that could benefit from the grant, especially in developing countries. Additionally, if a large number of grant applications are received, this would be an impetus to seek additional monies for funding many projects. And please remember that we are not asking for long, detailed proposals. It takes members to make these things happen; let us hear from you!

1. Subscription Award, 1991-92: The purpose of this award is to provide the American Journal of Primatology to worthy individuals in source countries (that is, countries with native primate fauna) who otherwise would have little access to scientific literature regarding nonhuman primates. The Society expects to make 10 or more such subscription awards, spread through as many countries as possible. A

letter describing the nominee, his/her primate-related activities, and that individual's need for an AJP subscription should be sent to J. Anderson by May 30, 1991.

2. Conservation Award for 1991 (\$500): The purpose of this award is to provide recognition and financial support for students and young investigators in countries with native primate fauna. In the past, arrangements have been made with the U.S. Information Agency to have United States Ambassadors or other consular officials present the award for ASP, thereby obtaining additional publicity for ASP, the award, its recipient, and primate conservation in the recipient's country. Any regular or student member of ASP can submit names of potential awardees. Nominators should provide the name and mailing address of their nominees, along with a statement about the nominee's qualifications for the award and his/her contributions to primate conservation. Eligible award recipients include current students and researchers or educators no more than 5 years after receipt of their terminal degree. Selection will be based on the nominee's present and potential contributions to primate conservation. Recipient(s) of the award will be announced at the 1991 ASP meeting. The nominator's biographical sketch of the recipient will be published in the ASP Bulletin. Nominations due May 30, 1991, to J. Anderson.

3. Senior Biology and Conservation Award for 1991 (\$500): This award is designed to recognize non-professionals (i.e., individuals without professional degrees) who have made substantial contributions to primate biology or conservation. Such contributions could arise from work done with free-living or captive primates, hence would cross the field/laboratory/zoo boundaries. Nominees might work directly with primates, or be engaged in activities supporting those who work with primates (including animal caretakers, research technicians, census takers, research facilitators, and individuals involved in private enterprise). To be eligible, nominees must have been engaged in primate-related work for at least five years. Nominations should include a letter of support detailing the nominee's qualifications and contributions to primate biology and conservation. Nominations should be sent prior to May 30, 1991, to John Anderson (see address below).

4. Conservation Small Grant (\$500): The ASP Conservation Committee is soliciting grant proposals for conservation projects. A single grant award for \$500 will be made. The Conservation Committee will make its recommendation for the award to the ASP Executive Committee at the annual meeting in Veracruz. Proposals must be typed and should not exceed 2000 words. They must include a budget page although this does not need to be in great detail. The project may be a portion of a larger effort. The recipient of the grant must agree that a brief progress report, to be published in the ASP Bulletin, will be made no later than 12 months following receipt of the award. Deadline for submission to J. Anderson is June 1, 1991.

John Anderson
California Primate Research Center
Davis, CA 95617-8542 (phone 916-752-2514 or FAX 916 752 2880)

Action by the ASP Research and Development Committee

In July, 1990, the Committee identified three major areas of activity for the next 2 years: (1) to make a timely response to the proposed regulations of the *USDA Animal Welfare Standards, Part 3*, and to encourage members to send in their own comments; (2) to develop ways of combatting declining support for primate studies; and (3) to assess the need for an early warning system for alerting members to relevant impending legislation. The proposed USDA regulations were published in the Federal Register of August 15, 1990, the Committee formulated a response in time for the October 1 deadline, and a membership alert was published in the September issue of the ASP Bulletin.

During the coming months, the Committee will concentrate on the problem of declining support for primate studies, which it sees due, in part, to steeply increasing costs mandated by new USDA regulations, the prevailing emphasis on molecular and submolecular research, declining understanding among funding agency review committees of the unique relevance of primate studies for human problems, and increasing pressures related directly and indirectly to lack of lay support (animal rights movement). Suggested approaches include: (1) to compile statistics on the fate of primate research proposals over the past 3-5 years; (2) to produce guidelines for Executive Secretaries of funding agencies defining areas of investigation in which nonhuman primate use is uniquely relevant; and (3) to publish press releases of primate research having lay interest. The Committee would welcome comments and suggestions from the membership at large.

D. Zumpe, Chair, R&D Committee



Employment Opportunities

1. The Wildlife Preservation Trust International will appoint a new Executive Director during the early summer of this year. For a job description please contact Douglas Candland, Dept. of Psychology, Bucknell University, Lewisburg, PA 17837 (Bitnet: DCANDLAN@BUCKNELL; FAX 717 524 3760)

2. Three positions are open at the Primate Foundation of Arizona:

REGISTRAR: Maintain and develop computer record systems to account for inventory and health status of a chimpanzee breeding colony, and various other office duties. Some computer experience desirable, must type a minimum of 40 WPM, and must have good communication skills. Salary negotiable. Excellent benefits.

RESEARCH ASSOCIATE: Requires Ph. D. (A. B. D. considered) in Psychology, Zoology, or Anthropology, and experience in behavioral research. Work directly under the Director of a breeding colony of chimpanzees (Pan troglodytes). Responsible for assistance with study design, analysis, and write-up. Training and daily supervision of Staff Observer and Interns. Maintains research records. Assist in the collection and computer entry of behavioral data. Requires solid background in statistics, good organization, managerial, and communication skills, and ability to work well with students and other investigators. Salary negotiable. Excellent benefits.

STAFF VETERINARIAN: Full-time Staff Veterinarian for a chimpanzee (Pan troglodytes) breeding and behavioral research facility. Coordinate preventative medicine programs, manage clinical cases, assist in complying with USDA and NIH regulations, develop staff health policies, write SOP's, and compile and publish valuable chimpanzee information. Candidate must have D. V. M. degree, clinical experience, and a strong interest in primate medicine. Salary commensurate with experience. Excellent benefits.

Send letter of interest with requested salary, resume, and three letters of reference to: Jo Fritz, Director, Primate Foundation of Arizona, P. O. Box 86, Tempe, AZ 85280. Applications accepted until position is filled. NOTE: All personnel must have a negative T. B. skin test and a negative Hepatitis B surface antigen test prior to employment. Equal Opportunity Employer.

3. Field assistant and research opportunities available through the Digit Fund to work at the Karisoke Research Center at the Parc National des Volcans in Rwanda. Field assistant term is for one year and is NOT available on a seasonal basis. Educational requirement is Bachelor's degree or equivalent in a behavioral science. Field assistants will assist the Director of the Karisoke Research Center in collection of daily demographic and ranging data on individual study groups. As time permits, field assistants may also assist resident researchers or carry out short-term studies of their own design. Field assistants will be provided with round trip airfare to Rwanda and a small monthly subsistence allowance while at Karisoke. For further information write the Digit Fund, c/o Morris Animal Foundation, 45 Inverness Drive East, Englewood, Colorado, 80112-5480.

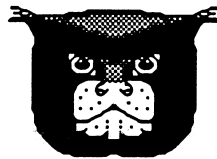
4. University of California, San Diego, Department of Anthropology, has a leave replacement position available in Biological Anthropology. We are looking for applicants with Ph. D. in hand who would like to visit UCSD for Fall 1991 and/or Winter 1992 quarters and teach two undergraduate courses per quarter in the areas of primate behavior, human evolution, brains and behavior and/or the evolution of intelligence. Please send vita, names/addresses of three references, and a selection of courses you are prepared to teach to: Jim Moore, Chair, Search Committee, Department of Anthropology, University of California, San Diego, La Jolla, CA 92093-0101 by April 1, 1991. The University of California is an AA/EO employer.

Meeting of the Associazione Primatologica Italiana

The eighth meeting of the Associazione Primatologica Italiana (API) will be held May 24-26, 1991, in Ravello, Italy. No registration fee is required to participate in the meeting. The meeting will be supported by the II Università di Roma and organized by Dr. Alfonso Troisi.

Ravello (64 km from Naples) is a small city of ancient origin which faces a range of hills overlooking the clear blue of the Gulf of Salerno. The meeting will focus on the role of nonhuman primates in biological and medical research. The API numbers over 90 members actively engaged in various aspects of primate research including genetics, neuroscience, evolutionary biology, comparative psychology, ethology, sociobiology, and psychopathology. Contributions from each of these disciplines will be presented at the meeting.

Any ASP member who has the opportunity to attend the meeting will be welcome. Any questions should be directed to Alfonso Troisi, M. D., Clinica Psichiatrica, II Università di Roma, via Guattani 14, 00161 Roma, Italy, tel. & FAX 0039-6-8541661.



R&D Committee's Response to the August, 1990, USDA Proposed Rule, Part 3.

When the USDA published its revised proposal for Part 3 of the Animal Welfare Regulations, the ASP Research and Development Committee responded with the following letter. Copies of the letter were sent to all ASP members, but the letter, written Sept. 10, 1990, appears below as part of the formal record of ASP business:

Chief, Regulatory Analysis and Development
PPD, APHIS, USDA
P. O. Box 1839
Hyattsville, MD 10788

Dear Sir:

re: USDA Animal Welfare Standards, Part 3 - Docket No. 90-040

As President of the American Society of Primatologists, I am submitting the following comments on the revised regulations as published in the Federal Register of August 15, 1990. The comments were prepared by a committee of the Society after careful study of this document.

The American Society of Primatologists is a nonprofit, educational and scientific organization to promote and encourage the discovery and exchange of information regarding primates including all aspects of their anatomy, behavior, development, ecology, evolution, genetics, nutrition, physiology, reproduction, systematics, conservation, husbandry, and use in biomedical research. Our more than 600 members

provide considerable expertise and interest in every area related to primates, and there is a long-standing interest in the conservation of wild primates and the welfare of captive primates. Our comments are restricted to Subpart D (Nonhuman Primates).

APHIS is to be congratulated for preparing revised regulations that are a vast improvement over those previously proposed. They are, in general, both practical and enforceable: the replacement of the previous engineering standards with performance standards, and vesting institutions with the responsibility to prepare their own plans to meet the new standards, gives the necessary flexibility to allow for professional judgement and innovative approaches to the housing and care of primates. We support this approach to the regulations wholeheartedly because it will enable facility management and scientific staff to develop workable systems to ensure good animal care while accommodating specialized institutional needs and circumstances. As members of the research community, we are especially pleased to note APHIS' assurances that these regulations should not interfere with research efforts, that minimal cage size requirements are now in line with those of other federal regulatory agencies, and that taxonomic differences in behavior will be taken into account, for example in the regulations for sanitizing surfaces in the case of species showing scent-marking behavior.

There are, however, several sections that would benefit from clarification or revision.

1. Certain comments in the supplementary section, Executive Order 12291 (Federal Register, p. 33511), are either misleading, incorrect, or couched in terms promoting the support of certain positions held by political groups regarding the use of animals in research. For these reasons we find the following statements to be objectionable, superfluous and in need of extensive revision:

(a) "Impetus of the 1985 amendments ... arises from the determination of the absence of an adequate market mechanism to ensure a socially optimal level of welfare afforded to animals" This is not true for the use of animals in research. The physical and psychological well-being of laboratory animals directly affects the results of research. This is well-recognized in the research community. For research results to be published in reputable journals, the peer review system requires descriptions of the housing and care of animals and assurance that all procedures were carried out in compliance with institutional, state and federal laws and regulations. The above-mentioned statement is therefore erroneous and should be deleted.

(b) In reference to the cost of proposed regulations, one justification is that "the imposition of the proposed regulations may have the effect of promoting more rapid development of alternative technologies ..." which are "... alternatives to animal uses in research, testing and education." This is not an adequate or reasonable justification for the costs involved. The statement implies that one purpose of these regulations is to influence the way research is conducted. We do not view this as a valid aim of the regulations, nor do we think that APHIS is an agency qualified to influence the way research is done. This statement should be deleted.

(c) Another justification in this section is that "If the public perception of levels of animal welfare increases with the level of stringency of the regulations, then the benefits of greater public satisfaction will also accrue to society." This implies that the public's perception is the important criterion, not the actual quality of animal care. Furthermore, the majority of the public is supportive of the use of animals in research. It is inappropriate to imply that the regulations were written to answer objections of a small minority of the public, however vocal and terroristic, or as a public relations exercise. We hope that regulations were written to benefit the animals, and therefore feel that this statement should be deleted.

2. 3.76(b) and 3.77(b). The general statements about ventilation require it to be adequate to remove odors, moisture, etc. However, at temperatures above 85° F auxiliary ventilation is mandated. This mandate is unnecessary, since ventilation must be adequate at any temperature; the text should be amended at this point to state that "it may be necessary to use auxiliary ventilation at higher temperatures."

3. 3.77(d) and 3.78(b). Sheltered and outdoor housing facilities must provide protection "... from any weather conditions that may occur." Since sun, rain, snow, wind and cold are all specified, this can only refer to conditions such as hurricanes and tornados, weather conditions for which no man-made protection is likely to be effective. This phrase should therefore be deleted.

4. 3.8(2)(iv). Concerning the regulations for primary enclosures: it would be impossibly costly and impractical to construct cages that would "Keep ... unauthorized individuals from entering the enclosure or

having physical contact with the nonhuman primates." This should be rewritten to refer to the area containing the primary enclosures.

5. 3.81 - Environmental enhancement.

(a) Throughout this section, the attending veterinarian is mandated as the final arbiter of which provisions do or do not serve to promote the psychological well-being of nonhuman primates because, in the agency's experience, "most attending veterinarians are well-versed in what is necessary for the animals' health and well-being" (Federal Register, p. 33498). This implies that some are not. Moreover, we respectfully submit that all but a very few veterinarians have as little training in the behavior and "psychology" of all the many nonhuman primate species that they will be responsible for as do most general practitioner M. D.s in human ethology, psychology and psychiatry. The interests of animal welfare would be better served if, throughout, "... veterinarian ..." were to be replaced by "... veterinarian, in consultation with someone well-versed in the social organization and behavior of the species in question,"

(b) Apart from physical health, reproductive success, and the absence of aberrant behaviors, there is, as yet, no consensus on reliable objective criteria for psychological well-being. Recent research suggests that scattered attempts at environmental enrichment have little effect on the arbitrarily selected indicators that were used. In the absence of established, objective standards based on epidemiology, demography and genetics (so effective and crucial in measuring human welfare), "psychological well-being" will of necessity have to be measured largely by empathy and anthropomorphism, possibly to the detriment of the animals involved. Mandated plans for socialization and environmental enrichment are therefore liable to do as much harm as good. However, one form of enrichment should perhaps be mandated for social groups housed in large enclosures: structures that will allow subordinate animals to escape from visual contact with dominant animals that might otherwise chase or injure them.

(c) It is not clear whether the documentation referred to in this section (including the plan for environmental enhancement, and any exemptions from that plan) will be kept on file at APHIS or at the facility to which it pertains. We submit that this documentation should be kept on file at the facility, where it is open to inspection by federal agency representatives only. If it were subject to the Freedom of Information Act, it could be used by political groups to target individuals and their facilities for acts of terrorism.

6. 3.82(c). This paragraph could be more clearly stated: "If individuals are unable to feed because of social dominance relationships, multiple feeding sites must be provided."

7. 3.86. The regulations concerning the transportation of animals, notably the documentation required to accompany them, presumably do not apply in cases where nonhuman primates are transported within a facility, although the regulations governing the vehicles used for such transportation should do so. A statement to this effect would be helpful.

8. Finally, it must be pointed out that, since additional funds will not be made available, the considerable costs in equipment and increased manpower necessitated by the proposed regulations will have to come from indirect costs and research monies, and will therefore have adverse effects on primate research and conservation efforts. No time-frame is given for the implementation of the revised regulations, if passed; several years in grant-cycles would be required.

Thank you for your consideration of our suggestions.

Sincerely,
Joyce Sirianni
President, ASP

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Computer graphics, by Peter Judge, are races of Saguinus fuscicollis (after Hershkovitz, 1977).

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Deadline for submission to the June Bulletin is May 10.

LISTED BELOW ARE OPPORTUNITIES FOR STUDENTS TO BECOME INVOLVED IN PRIMATE RESEARCH/HUSBANDRY. PLEASE BE ADVISED THAT SOME OF THE LISTINGS ARE TENTATIVE. ADDITIONAL INFORMATION SHOULD BE OBTAINED BY CONTACTING, AS SOON AS POSSIBLE, THE PERSONS LISTED BELOW. IF PROSPECTIVE EMPLOYERS/SUPERVISORS HAVE ANY ADDITIONAL LISTINGS, PLEASE SUBMIT THEM TO THE ADDRESS AT THE BOTTOM OF THIS LIST; STUDENTS WILL BE APPRISED OF THE OPPORTUNITIES AVAILABLE.

<u>Contact</u>	<u>Description of Program/Research Duties</u>	<u>Duration/ Start Date</u>	<u>Stipends</u>	<u>Prerequisite</u>
Dr. Este Armstrong Yakovlev Collection A.F.I.P Washington, DC 20306 (202) 576-2929	Computer-assisted image analysis of primate brain	July-Aug.	Possible	Interest in neuroanatomy; willing to work with computers
Dr. John Berard Scientist-in-Charge P.O. Box 906 Punta Santiago, Puerto Rico 00741 (809) 852-0690	Study of mate selection and paternity in rhesus monkeys	Early June to mid/late August; 3 months or 6 months	Possibly; housing provided. Position could develop into a full-time R.A.	Class in primate behavior; research experience with non-human primates helpful
Dr. Fred Bercovitch Caribbean Primate Res. Center P.O. Box 1053 Sabana Seca, P.R. 00749 (809) 784-6619	Assist in socioendocrinology of male rhesus monkeys; do own behavioral research on social groups of pigtailed and patas	Summer	No stipend Housing available	Coursework on non-human primates
Dr. Mollie Bloomsmith U.T.M.D.A. Cancer Center Science Park, Vet. Resources Dept., Rt. 2 Box 151-B1 Bastrop, TX 78602 (512) 321-3991	Collecting behavioral data on captive chimpanzees or conducting independent behavioral research projects with prior approval	May 15 - Sept. 15; minimum of 8 weeks	No stipend; but housing is available at the facility	Some relevant coursework and/or experience
Dr. Maria Boccia Dept. of Psychiatry C-268-68 University of Colorado Health Sciences Center 4200 E. Ninth St. Denver, CO 80262 (303) 270-7744	Behavioral and physiological consequences of maternal separation, physiology of emotions and cognitive development in socially housed macaque spp.	Variable	May or may not be available	Interest in primate behavior; statistics and methods preferred
Dr. Claud Bramblett Dept. of Anthropology University of Texas Austin, TX 78712 (512) 471-0054	Opportunity to do observational research on captive vervets and sykes monkeys	Varies	Not available	Contact Dr. Bramblett for further info.
Dr. Margaret Clarke Delta Regional Primate Research Center, Three Rivers Rd. Covington, LA 70433 (504) 892-2040	Behavioral data collection, data entry and tabulation; rhesus monkeys	Anytime May-Aug.; about 6 weeks minimum	Not available	Some background in animal behavior; will train responsible person

<u>Contact</u>	<u>Description of Program/Research Duties</u>	<u>Duration/Start Date</u>	<u>Stipends</u>	<u>Prerequisite</u>
Dr. Anthony Coehlo Behavioral Medicine Lab Southwest Foundation for Biomedical Research 7620 N.W. Loop 410 San Antonio, TX 78227-5301 (512) 674-1410 Ext. 322	Data entry, literature search for Behavioral Medicine Laboratory research program	Open	Stipends available	Undergraduates or graduates; minimal computer proficiency
Dr. Anthony Coehlo Behavioral Medicine Lab Southwest Foundation for Biomedical Research 7620 N.W. Loop 410 San Antonio, TX 78227-5301 (512) 674-1410 Ext. 322	Access to baboons for individual initiated research projects	Open	Support occasionally	Student usually in MA or PhD program elsewhere
R. Cooper Monkey Jungle 14805 Southwest 216th St. Miami, FL 33170-2204 (305) 238-9981	Opportunity for behavioral research on semi-free ranging <i>Macaca fascicularis</i> (6 acres, estab. 1933), squirrel monkey or <i>Cebus apella</i> colonies	Open	Housing is available in exchange for 20 hr/wk caretaking etc.	Student should be under supervision of an academic who can provide a reference
Dr. Cathleen Cox Research Dept., Los Angeles Zoo 5333 Zoo Dr. Los Angeles, CA 90027 (213) 666-4650	Research Interns : Behavioral observations, tabulating and entering data; own project also possible	Start May 15, full time 2 mos. minimum	Not available	Will train responsible person, letter with name of reference by April 1
Dr. A. T. Fazleabas Department of Ob/Gyn University of Illinois College of Medicine 840 S. Wood St. Chicago, IL 60612	Morphological, biochemical and molecular regulation of uterine and oviduct proteins in the baboon	Open	Graduate stipends from Dept. of Anatomy and Cell Biology or Physiology and Biophysics	Interest in conceptus/maternal interactions during early pregnancy in primates
Dr. D. M. Fragazy Dept. of Psychology University of Georgia Athens, GA 30602 (404) 542-3036	Assist in laboratory management and research startup	June, 8 weeks minimum	Not available	Basic courses in animal behavior

<u>Contact</u>	<u>Description of Program/Research Duties</u>	<u>Duration/Start Date</u>	<u>Stipends</u>	<u>Prerequisite</u>
Ms. Jo Fritz, Director Primate Foundation of Arizona P.O. Box 86 Tempe, AZ 85280 (602) 832-3780	Collecting behavioral data on captive chimpanzees for ongoing studies and conducting independent research with goal of captive management improvement	Open	Not available	Bachelors degree or higher; relevant experience a plus
Dr. Jay Kaplan Dept. of Comp. Medicine Bowman Gray School of Medicine Wake Forest University Winston-Salem, NC 27103 (919) 764-3600	Opportunity to do behavioral or biomedical research on rhesus, crab-eating or stumptail monkeys	2 mos. minimum	Funding uncertain	Varies; contact Dr. Kaplan
Dr. Warren Kinzey Dept. of Anthropology The City College of CUNY Convent Ave. & 138th St. New York, NY 10031-9198 (212) 650-7363	Assist ongoing research on feeding ecology and foraging behavior of pitheciine monkeys Guri Research Site, Venezuela	Summer 1992	Pending available NSF funds; \$2000 stipend and transportation costs	Undergraduate with some field or lab experience with primates, other animals or botany; citizen or permanent resident of US Nov. 15, 1991 deadline
Dr. Pat Mehlmán Labs, P.O. Box 557 Yemassee, SC 29945 (803) 589-5190	Behavioral technicians	Technician slots open from time to time	Salaried full-time position with benefits	BA in behavioral sciences, experience in observing primates preferred
Mr. Alan Mootnick International Center for Gibbon Studies P.O. Box 800249 Santa Clarita, CA 91380 (805) 296-2737	Collect behavioral data on captive gibbons; primate keeper	March (or later) thru October, indefinite duration	No stipend, but housing available at facility	Will train responsible person
Dr. Michael Raleigh Dept. of Psychiatry UCLA School of Medicine Los Angeles, CA 90024 (213) 825-0565	Record social and individual behaviors of vervet monkeys living in social groups at UCLA facility	July 1; minimum commitment 6 months	Negotiable	Some knowledge of primate behavior helpful (not essential), familiarity with personal computers; TB negative
Jan Rizzo Brookfield Zoo Brookfield, IL 60513 (708) 485-0263 Ext. 459	Primate keeper Internship	After Sept. 1, 12 weeks	Not available	Completion of 2 years college (at least C average) or related experience

<u>Contact</u>	<u>Description of Program/Research Duties</u>	<u>Duration/ Start Date</u>	<u>Stipends</u>	<u>Prerequisite</u>
Dr. Steven J. Shapiro University of Texas MD Anderson Cancer Center Science Park Dept. of Veterinary Resources, Route 2, Bastrop, TX 78602 (512) 321-3991	Behavioral studies of pathogen-free rhesus monkeys, environmental enrichment	Mid-May; runs thruout summer, 6 weeks minimum	None; free room available; position could develop into full- or part-time R.A.	Experience in behavioral observation necessary, should have relevant coursework in animal behavior, psychology and primatology

This list was compiled by the Education Committee of the American Society of Primatologists, with the kind (and patient) assistance of a number of ASP members. Information about additional opportunities which may become available will be collected by the Chair of the Education Committee of ASP and will be available upon request to : Dr. Chris Duggleby, Dept. of Anthropology, 380 MFAC, SUNY at Buffalo, Buffalo, NY 14221; Phone (716) 636-2356; FAX (716) 636-3808