



The American Society of Plant Taxonomists
ASPT NEWSLETTER

Volume 25 (2)

December 2011

CONTENTS

ASPT News	
New Volume of Systematic Botany Monographs	2
In Memoriam	2
Job Opportunities	2
Fellowships, Internships, Post-docs	5
Funding and Award Opportunities	8
Symposia and Meetings	8

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ASPT NEWS

Systematic Botany Monographs: New Volume

Volume 94. Monograph of *Trichantheceum* (Poaceae, Paniceae), Fernando O. Zuloaga, Osvaldo Morrone, and M. Amalia Scataglini, 101 pp, color frontispiece, December 2011. ISBN 978-0-912861-94-4. US orders: \$15.00; non-US orders: \$23.00.

Postage and handling included. Send orders to Systematic Botany Monographs, University of Michigan Herbarium, 3600 Varsity Drive, Ann Arbor, MI 48108-2228, USA, with checks payable to ASPT; VISA, MasterCard, AMEX, Discover accepted. Fax: 734-998-0038; e-mail chra@umich.edu



IN MEMORIAM

Dale Metz Smith passed away on 1/28/2011. He was 82 when he died and had been an member or emeritus member of ASPT since 1950.

Bryan H.B.S. Womersley (1922-2011) passed away 16 January 2011. He had been a corresponding member of ASPT since 2002. For more information, see the tribute at http://www.aspt.net/publications/newsletter/AMSA_184_3_Pg12_Womersley.pdf



JOB OPPORTUNITIES

University of Connecticut

Plant Ecological or Evolutionary Genomics

The Department of Ecology and Evolutionary Biology at the University of Connecticut seeks applicants for a 9-month tenure-track position to begin in August 2012. Although targeted at the Assistant Professor rank, an appointment at a higher rank may be possible for a candidate who exceptionally enhances the diversity elements of our academic mission.

We seek a creative individual employing genomic approaches to address key questions in the ecology and evolutionary biology of plants. Research on non-model organisms is preferred but appropriate research foci involving model organisms will also be considered. Experience in bioinformatic and statistical analyses is desirable.

The successful applicant will have a Ph.D., preferably

with postdoctoral experience. They will be expected to supervise an independent research program that will attract extramural funding, teach at the undergraduate and graduate levels, and provide research training for graduate and undergraduate students. Teaching duties are expected to include participation, on a rotating basis, in a) our introductory biology curriculum, b) an upper-level botany, evolution, or ecology course, and c) a graduate course in the candidates specialty. Preferred qualifications include the ability to contribute to the diversity and excellence of the learning experience and academic community through research, teaching or service.

Submit a curriculum vitae (with links to your top 3 publications), a summary of research accomplishments and future research objectives, a brief description of teaching experience and philosophy to: Husky Hire (<http://jobs.uconn.edu/>).

Please have letters from three referees sent to: (EEB, Search@uconn.edu). Review of applications will begin January 6, 2011. Questions regarding this position may be addressed to kathleen.tebo@uconn.edu.

Evaluation of applicants will be made by assessment of: 1) graduate and post-doctoral experience; 2) research accomplishments, productivity and extramural funding; 3) statements of teaching and research objectives; 4) professional references; and 5) expertise in ecological or evolutionary genomics.

Information about the Department of Ecology and Evolutionary Biology can be found at <http://hydrodictyon.eeb.uconn.edu/eebwww/>. The University of Connecticut houses state of the art genomics instrumentation and computational facilities.

The University of Connecticut encourages applications from under-represented groups, including minorities, women, and people with disabilities.

Harvard University, Faculty Position in Plant Biology

The Department of Organismic and Evolutionary Biology at Harvard University and the Arnold Arboretum of Harvard University invite applications for a tenure-track or tenured faculty position in plant biology. We seek to appoint an individual whose research on plants integrates well with the outstanding living and herbarium collections of the Arnold Arboretum and whose scholarship will complement the research and teaching missions of the Department of Organismic and Evolutionary Biology. The area of scholarship is open, and we especially encourage applications from those studying genomics, molecular genetics, developmental biology, physiology, organismic biology, phylogenetics, evolution, ecology, and community biology, whose research addresses fundamental questions regarding the origin and maintenance of plant biodiversity. Applicants will be expected to develop an innovative research program and contribute to teaching at the graduate and undergraduate levels in the Department of Organismic and Evolutionary Biology. The research laboratory will be situated in the newly opened 43,000 square foot state-of-the-art research facility in the Arnold Arboretum of Harvard University. Applications

from or information about female and minority candidates are encouraged.

Applications should include a curriculum vitae, statements of research and teaching interests, and representative publications. Tenured faculty should submit these materials at <https://academicpositions.harvard.edu/postings/3793>. Tenure-track applicants should submit these materials, along with the names and contact information of three references at <https://academicpositions.harvard.edu/postings/3786>. Letters of nomination from third parties are also welcome. Review of applications will begin on December 15, 2011.

Further information about OEB is available at <http://www.oeb.harvard.edu>; information about plant biology at Harvard can be found at <http://www.pbi.fas.harvard.edu>; information about the Arnold Arboretum can be found at <http://arboretum.harvard.edu/>. Contact email aaplbtbio@fas.harvard.edu.

Harvard University is an Affirmative Action/Equal Opportunity Employer.

Systematic Botanist for the Flora of Saskatchewan

Term: The Flora of Saskatchewan Association is looking for a full-time, 12-month, contract position (1 January 2012-31 December 2012); the position may be renewable to write further taxonomic treatments depending upon funding availability and satisfactory performance.

Qualifications: Minimum of an MA in botany, with extensive experience in plant systematics. PhD preferred. Evidence of systematics expertise and publication record in this area is required as part of the application.

Application: Cover letter, CV (including list of publications), and the names and mail and electronic addresses of a minimum of three academic referees should be sent electronically or by mail to:

Flora of Saskatchewan Association
c/o Dr. Mary Vetter
Luther College at the University of Regina
Regina, SK S4S 0A2 Canada
mary.vetter@uregina.ca tel: 1-306-585-5036 fax: 1-306-585-5267

Interviews can be conducted at a distance.

Deadline: 1 December 2011. The position will remain open, however, until filled.

Responsibilities: Write the Graminoids section of the Flora of Saskatchewan, including the families Poaceae (195 species), Cyperaceae (41 species, excluding *Carex*, which is already completed and reviewed), and Juncaceae (26 species). The highest priority is the Poaceae, and that family will be completed first.

These responsibilities include:

- Develop and test generic and species taxonomic keys
- Write complete generic and species descriptions, including habitat descriptions
- Identify suitable line drawings for each species
- Identify, and produce as necessary, line drawings to illustrate morphological characteristics of each family
- Bring the graminoids taxonomy and nomenclature up

to date for the taxa found in Saskatchewan

- Obtain external reviews of the sections as completed
- Produce final text ready to submit for publication

Supports that will be provided by the Flora of Saskatchewan Association:

- Dot distribution maps for each species based on the collections of the W. P. Fraser Herbarium (SASK) (University of Saskatchewan) and Ledingham Herbarium (USAS) (University of Regina)
- Acquisition of line drawing reproduction permission
- Internal reviews
- Checklist of the Flora of Saskatchewan
- Preliminary drafts of some sections of Poaceae

This position will report to Dr. Mary Vetter, President, Flora of Saskatchewan Association, and will be also supervised by the Curator of the W.P. Fraser Herbarium when research is being conducted at the University of Saskatchewan.

Contract amount: \$55,000, paid in monthly stipends upon submission of progress reports.

Location: University of Regina (Regina, SK, Canada) or University of Saskatchewan (Saskatoon, SK, Canada); some portion of the work could occur at another location of choice of the successful applicant, but travel to the University of Saskatchewan Fraser Herbarium will be required at times.

Assistant Professor of Biology, Tenure Track Position

The Department of Biology, Saint Mary's College, Notre Dame, Indiana, invites applications for a tenure-track appointment in biology with an emphasis in microbiology beginning August, 2012. Saint Mary's College is a Catholic liberal arts college for women with a strong commitment to undergraduate education.

Applicants must hold (or be at completion of) a Ph.D. in the biological sciences. Candidates will be expected to develop and teach one course in introductory microbiology (lecture and laboratory) for biology majors and another for nursing students. In addition, the successful candidate will develop two specialty courses of interest that support the development of a new biomedical concentration. These could include, but are not limited to, animal tissue culture, cancer biology, immunology, virology, and environmental/global health. Research involving undergraduates is expected. A strong commitment to undergraduate education of women, a liberal arts education, and service to the department and the College is expected.

The appointee will be a Lilly New Faculty Scholar during the first two pre-tenure years. As such, s/he will receive course load reductions and some financial support for research. Lilly New Faculty Scholars are expected to develop campus ties within the institution by participating in cross-divisional interactions with other college units.

Please send a complete CV along with a letter of intent that includes your teaching philosophy as well as your email and phone contact information to:

Chair of Search Committee
 Department of Biology
 Saint Mary's College
 Notre Dame, IN 46556
 nekvasil@saintmarys.edu

Candidates will be contacted for full credentials (three letters of reference, visa status for foreign nationals, official transcripts, and evidence of excellent teaching [such as teaching evaluations]) if desired at a later date. Review of applications will begin October 24, 2011, and will continue until the position is filled.

Saint Mary's College has a strong institutional commitment to diversity and seeks applications from historically underrepresented racial and ethnic minority groups, those who have had multicultural experience, and those who can demonstrate a commitment to diversity.

Assistant Professor of Paleobotany

The Departments of Botany (75%) and Geology & Geophysics (25%) at the University of Wyoming are seeking to fill a joint tenure-track position in paleobotany at the assistant professor level. Minimum requirements include a Ph.D. at the time of appointment; a demonstrated potential for developing and maintaining a strong, extramurally funded research program; and a commitment to high-quality teaching at both the undergraduate (in the University of Wyoming Life Program) and graduate levels. We prefer candidates with post-doctoral experience whose research uses pre-Quaternary records to address evolutionary, ecological, or other biological questions. The successful candidate must be able to engage with members of both hosting departments, and may draw on such relevant campus resources as the Program in Ecology, undergraduate program in Earth System Science, Berry Center for Biodiversity Conservation, the Biodiversity Initiative, Shlemon Center for Quaternary Studies, the Nucleic Acid Exploration Facility, Macromolecular Facility, Stable Isotope Facility, Rocky Mountain Herbarium, and the Geological Museum. Salary and start-up packages will be competitive. Candidates should email a curriculum vitae and descriptions of research plans and teaching philosophy and contact information for three references to Ms. BJ Mitchell at bjm@uwyo.edu. PDF formatting is preferred for these documents. Any questions can be directed to the search committee chair, Dr. Brent E. Ewers at beewers@uwyo.edu. Screening of applications will begin on November 1, 2011 and continue until a suitable candidate is identified. The University of Wyoming is committed to diversity and endorses principles of affirmative action. We acknowledge that diversity enriches and sustains our scholarship and promotes equal access to our educational mission. We seek and welcome applications from individuals of all backgrounds, experiences, and perspectives.

Faculty Position in Ecological or Evolutionary Genomics

Saint Louis University, a Catholic, Jesuit institution dedicated to student learning, research, health, and service, is seeking applicants for a tenure-track faculty position

in Ecological or Evolutionary Genetics/Genomics in the Department of Biology. Competitive applicants will have a Ph.D., post-doctoral experience, a record of research productivity, and a commitment to undergraduate and graduate student training. The successful candidate will be expected to establish an independent, extramurally funded research program that applies genetic and/or genomic approaches to fundamental questions in ecology or evolutionary biology. The faculty member will contribute to an undergraduate course in Genetics, a graduate course in the candidate's area of expertise, and/or a general biology course.

All applications must be made online at <http://jobs.slu.edu> (Req ID 20110817) and include a cover letter, curriculum vitae, a research statement, and a statement of teaching experience and philosophy. In addition, please have three letters of reference sent to Dr. Robert Wood, Department of Biology, Saint Louis University, 3507 Laclede Avenue, St. Louis, MO, 63103. Review of applications will begin on 1 November 2011 and continue until the position is filled. Additional information on the Department of Biology can be found at <http://www.slu.edu/x14762.xml>.

Saint Louis University is an Affirmative Action/Equal Opportunity Employer (AA/EOE), and encourages nominations of and applications from women and minorities.

Assistant Professor of Plant Biology

The Department of Biological and Environmental Sciences invites applicants for a tenure track position in Plant Biology. We seek a highly trained individual who is committed to liberal arts education and can demonstrate excellence in teaching and research. The candidate will have the opportunity to develop an independent research program. Teaching opportunities include introductory courses and intermediate courses required of majors. The successful applicant will be required to teach upper level courses in molecular systematics and plant biology. Knowledge/Skills and Abilities: 1) Ability to teach general biology, plant biology and upper division courses in area of specialization; 2) Ability to engage undergraduates and graduates in research; and 3) Ability to work collegially and effectively with university students, faculty, and staff as well as the surrounding community. Minimum Qualifications: 1) Ph.D. in Biological Sciences, Botany, Ecology and Evolution, Integrative Biology, or Plant Science. 2) Research experience (demonstrated by publication record) and coursework in vascular plant systematics; and 3) Experience and coursework in molecular phylogenetic methods including data analyses. Preferred Qualifications include undergraduate teaching experience and research experience in an academic setting.

GCSU is an Equal Opportunity, Affirmative-Action Institution committed to cultural, racial, and multi-ethnic communities and compliance with the Americans with Disabilities Act. It is expected that successful candidates share in this commitment. Persons who need reasonable accommodations under the Americans with Disabilities Act to participate in the application process should contact the Office of Human Resources at 478-445-5596. Review of

applications review will begin 1 December 2011.

Georgia is an Open Records state. The finalist will be required to submit to a background investigation.

Job applications must be submitted through <https://www.gcsujobs.com/>.

Curator of Botany and Assistant Professor in Ecology and Evolutionary Biology

The University of Colorado Museum of Natural History and Department of Ecology and Evolutionary Biology (EBIO), University of Colorado Boulder, invite applications for a joint, tenure-track appointment as Curator of Botany and Assistant Professor. This position will be the first of several positions in phylogenetic biology as part of a broad initiative to enlarge and strengthen comparative and evolutionary biology at the University of Colorado. Primary responsibilities will be to develop an active research program on any group of plants using phylogenetic and systematic approaches, to curate and develop the Museum's botany collections, and to teach in Museum and Field Studies and EBIO. The successful candidate will be expected to take a leadership position in advancing the role of the Herbarium. The Herbarium houses a diverse collection of approximately a half million specimens of vascular plants, bryophytes, and lichens and has strong holdings from the southern Rocky Mountain region. This regional strength is enhanced by collections from western North America, the American Arctic, the Altai and the Caucasus Mountains of Central Asia, the European alpine, and the Sierra Madre Occidental of Mexico. Additional information about EBIO and the CU Museum and Herbarium can be found on the web at: <http://www.cumuseum.colorado.edu> and <http://www.colorado.edu/eeb>.

Applicants must have a doctoral degree; curatorial experience is important. Job applications must be submitted through the [Jobs@CU](http://www.jobsatcu.com/) website, Posting # 814981 (<http://www.jobsatcu.com/>), beginning October 1. The application package should include curriculum vitae, representative publications, statements of research, teaching, and curatorial experience and vision, along with names and addresses of four references. Review of applications begins December 1, 2011. Contact: Deane.Bowers@colorado.edu. The University of Colorado is committed to diversity and equality in education and employment.

Assistant or Associate Professor of Structural Botany

The department of Environmental and Plant Biology at Ohio University seeks an individual for a full-time, tenure-track, 9-month assistant or associate professor position beginning August 27, 2012. The successful candidate will be expected to develop an outstanding externally-funded research program in plant structure at the organismal level. Applicants with experience and interest in plant anatomy, morphology, and/or paleobotany are desired. The ideal candidate should have considerable experience in comparative and/or developmental approaches, coupled with expertise

in phylogenetics, developmental genetics, or developmental modeling. Primary teaching responsibilities will include introductory undergraduate-level courses in plant biology and one or more upper-level/graduate courses in their area of specialty. The successful candidate should be committed to teaching undergraduates and developing a research program that involves undergraduates as well as M.S. and Ph.D. students. The Department of Environmental and Plant Biology (<http://www.plantbio.ohiou.edu/>) currently consists of 12 full-time faculty, 30 graduate students, and 60 undergraduate majors. Further information about Ohio University can be found at the University's Web site: <http://www.ohio.edu>.

Minimum Qualifications: PhD in plant morphology, anatomy, paleobotany, or related field and post-doctoral work. Preferred: 1-2 years post-doctoral work and evidence of teaching effectiveness preferred.

We seek a candidate with a commitment to working effectively with students, faculty, and staff from diverse backgrounds. Women and other minorities are encouraged to apply. Ohio University is an EEO/AA Employer.

To apply, complete and submit online quick application (www.ohiouniversityjobs.com) and attach required documents (CV, cover letter, statements of teaching philosophy and research interests/goals, 2-3 publications representative of your research, contact information for 3 references, and unofficial transcripts for the PhD.).

Please direct questions to Dr. Allan M. Showalter, Department Chair, showalte@ohio.edu. Deadline to apply: October 9, 2011. Interviews tentatively scheduled for November, 2011.



FELLOWSHIPS, INTERNSHIPS, POST-DOCS

2012 Anne S. Chatham Fellowship in Medicinal Botany

The Anne S. Chatham Fellowship provides a grant of \$4,000 annually to promote the study of medicinal botany. The fellowship was established to protect and preserve knowledge about the medicinal use of plants, and thus prevent the disappearance of plants with therapeutic potential.

Eligible candidates include students currently enrolled in Ph.D. programs at recognized universities and recent graduates who have received their degrees in the last five years. Fellowship recipient will be selected by a panel of botanists appointed by the Missouri Botanical Garden and is subject to approval by the Garden Club of America Scholarship Committee.

Information about the fellowship and how to apply can be found at the following website: <http://www.wlbcenr.com>.

org/chatham.htm. Proposals should be received no later than February 1, 2012.

Mail applications to:

Dr. Wendy Applequist

The William L. Brown Center at the Missouri Botanical Garden

Dept. 43

P.O. Box 299

St. Louis, MO 63166-0299

Questions regarding applications should be directed to Bruce Ponman at the address above, by phone (314-577-9565), or via email (bruce.ponman@mobot.org).

Postdoctoral Researcher, SC-1668, New York Botanical Garden

The New York Botanical Garden, a National Historic Landmark and one of NYC's premier cultural institutions, seeks a full-time Postdoctoral Researcher to join their Science department.

Summary of Responsibilities:

The Postdoctoral Researcher will conduct phylogenetic analyses of various genera and subfamilies of Boraginaceae.

- Application of Systematics data to conservation issues focused on the phylogeny of woody Boraginaceae.

- DNA-sequencing and methods of phylogenetic analysis.

- Analyze data to produce publications based on previous and current research.

- Assist the Dean in all functions necessary to ensure successful outcome of ongoing projects.

Requirements:

- Ph.D. in biology, plant biology, or related field.

- Experience with DNA sequencing.

- Experience with methods of phylogenetic analysis.

- Experience with standard methods of molecular systematic including nucleic acid extraction, PCR, cloning, automated DNA sequencing.

- Experience with DNA-barcoding preferred.

To Apply:

Please indicate Postdoctoral Researcher, SC-1668 on cover letter and e-mail along with a resume to hr@nybg.org or visit our website at <http://www.nybg.org/employment/>.

The New York Botanical Garden is an Equal Opportunity Employer.

Postdoctoral Researcher, SC-1669, New York Botanical Garden

The New York Botanical Garden, a National Historic Landmark and one of NYC's premier cultural institutions, seeks a full-time Postdoctoral Researcher to join their Science department.

Summary of Responsibilities:

The Postdoctoral Researcher will work with Science curators to analyze datasets relative to conservation issues:

- Conduct GIS analysis of botanical data sets.

- Prepare manuscripts for publication in peer-reviewed journals.

- Integrate one of the world's strongest programs of systematic research with ongoing conservation research.

- Implementation in existing programs with new efforts to use specimen data to inform conservation and international connections of the Science program.

- Effectively implement data to identify species at risk of extinction, patterns of species diversity, and areas of high conservation priority.

Requirements:

- Ph.D. in botany, plant biology, or related field.

- Experience with use and analysis of herbarium data.

- Demonstrated experience with GIS software.

- Demonstrated experience in preparing publications and grant proposals.

To Apply:

Please indicate Postdoctoral Researcher, SC-1669 on cover letter and e-mail along with a resume to hr@nybg.org or visit our website at <http://www.nybg.org/employment/>.

The New York Botanical Garden is an Equal Opportunity Employer.

Cullman Postdoctoral Researcher, SC-1670, New York Botanical Garden

The New York Botanical Garden, a National Historic Landmark and one of NYC's premier cultural institutions, seeks a full-time Cullman Postdoctoral Research Associate to join their Science department.

Summary of Responsibilities:

The Cullman Postdoctoral Research Associate will conduct systematic and/or population-genetic research on plants by developing and applying molecular tools.

- Collect and analyze molecular data to reconstruct phylogenetic and biogeographic relationships and/or to interpret population-level processes.

- Conduct standard protocols of molecular systematic and genetics, such as nucleic acid extraction, PCR, cloning, automated DNA sequencing, genotyping, next-generation sequencing.

- Assist in developing new molecular markers specific to on-going and new projects.

- Conduct phylogenetic, biogeographic, and/or population-genetic analyses of the clades of Apiales (incl. Apiaceae, Araliaceae, Pittosporaceae) and other groups of mutual interest.

- Assist in collections-based research on these plant groups.

- Write and assist in writing publications and grant proposals based on current research.

- Assist the Director in all functions necessary to ensure successful outcome of ongoing projects.

Requirements:

- Ph.D. in botany, plant biology, or related field.

- Experience with application of molecular approaches to systematics.

- Experience with the methods of phylogenetic and biogeographic analysis.

To Apply:

Please indicate Cullman Postdoctoral Researcher, SC-1670 on cover letter and e-mail along with a resume to hr@nybg.org or visit our website at <http://www.nybg.org/employment/>.

The New York Botanical Garden is an Equal Opportu-

nity Employer.

The Conservation and Land Management Internship Program

Would you like to put your education to use assisting in important conservation projects? Do you like to experience new landscapes, habitats, and species diversity?

The Conservation and Land Management Internship Program is now accepting applications for 2012! Each year, the award-winning Conservation and Land Management Internship Program places college graduates in five-month paid internships to assist professional staff at the Bureau of Land Management, the National Park Service, the USDA Forest Service and other federal agencies. Most internships are located in the western United States, including Alaska. CLM interns spend five months working on projects focused on botany and wildlife-related fields. These may include monitoring & inventorying threatened and endangered species and habitats, seed collecting for the Seeds of Success Program and a variety of other projects. Applicants with strong botanical backgrounds are especially encouraged to apply! Benefits of the CLM Internship Program are numerous! As a CLM intern, you will receive a stipend paid every two weeks totaling \$11,900 over 5 months and will attend an all-expenses paid week-long training workshop. In addition, the CLM Internship Program provides opportunities to make connections in various government and non-profit organizations. Learn first hand what it's like to work at a federal agency, explore your career goals and expand your resume!

For more information and to apply online, please visit: www.clminternship.org.

Postdoctoral Associate, Project Baseline: a seed bank for the study of evolution

We seek a 75% time Postdoctoral Associate in the Department of Biology at the University of Minnesota Duluth to participate in a collaborative project to create a new resource for detecting evolutionary change in plants. The Postdoctoral Associate will be primarily located in Duluth, MN (<http://www.duluthmn.travel/request-info/2011/duluth-in-the-news.pdf>) but will coordinate with the PIs and Field Crew Managers to conduct seed collections in three US regions in the west (Susan Mazer, UCSB), midwest (Julie Etterson, U of MN Duluth and Ruth Shaw U of MN Twin Cities), and east (Steve Franks, Fordham University). The appointment will initially be for one year and may be renewed for a total of up to 36 months; the preferred start date is no later than November 15, 2011. The base salary is \$37,333 (75%-time \$28,000) and includes healthcare and other benefits.

Project Baseline:

The goal of this project is to create a nationwide seed bank of wild populations to be preserved for the next 10-50 years at the National Germplasm Conservation Lab in Fort Collins, CO. This resource will enable assessments of both rapid and long-term responses to climate change and facilitate investigation of the genetic basis of adaptation. We will also create a GIS database of population and environmental

information that will be useful in a wide variety of ecological and conservation applications. For more information on the project, see Franks et al. 2008, The resurrection initiative: Storing ancestral genotypes to capture evolution in action. *BioScience* 58: 870-873.

Job responsibilities:

The Postdoctoral Associate will be responsible for promoting and developing the Project Baseline seed collections. The Postdoctoral Associate will be expected to communicate about the project to the general public and the scientific community and to encourage public participation through presentations, informational materials to be made available on-line, workshops, publications, a newsletter, and the Project Baseline web page. The Postdoctoral Associate will be responsible for designing seed collections including: obtaining species lists for appropriate sites, identifying populations within these sites through communication with site managers, finalizing collection lists, obtaining collecting permits, and developing collaborative relationships with on site individuals who can monitor plant phenology, and developing and testing specific protocols for collecting environmental data, monitoring flowering phenology, and collecting and shipping seeds. The Postdoctoral Associate will establish relationships with the PIs and participate in training the seed collection crews. Data will be sent from field crews to the Postdoctoral Associate who will develop databases compatible with GRIN (National Genetic Resources Program) and use GIS technology to produce maps that report locations of seed collection sites; record climate data; and archive other data associated with project development. Effective communication with herbarium and Germplasm Conservation Lab staff will be maintained to assure that samples are properly vouchered and preserved. This position offers opportunities to design an independent project compatible with Project Baseline's goals and seek additional funding to increase the position to full-time, as well as to participate in other career-development activities.

Qualifications:

Essential qualifications include Ph.D. and three years experience in plant ecology, botany, or evolution or other relevant fields; strong organizational, writing, and field skills, including GIS, database development, vegetation and environmental sampling, plant identification, excellent writing and communication skills. Preferred qualifications include experience in a long-term research and outreach programs and experience writing research proposals. Candidates with career interests in research and/or teaching at all types of institutions or working in environmental management through governmental agencies, consulting firms or non-profit organizations are all welcome.

Application process:

Applications should include a cover letter with current contact information, CV, summary of research interests and skills, and the names and addresses of three referees. The University of Minnesota requires that you apply online for this position. For a complete position description and information on how to apply online, visit <http://employment.umn.edu/applicants/Central?quickFind=96634>, and search for Job Requisition #173282. Complete applications

will be reviewed beginning October 15, 2011. Applications will be accepted until position is filled. The University of Minnesota is an equal opportunity educator and employer.



FUNDING AND AWARD OPPORTUNITIES

The California Desert Research Fund supports graduate student research that contributes to the understanding and conservation of desert parks, wildernesses, and other ecologically significant open spaces in the California Desert in San Bernardino, Riverside, Inyo, and Imperial Counties. See the guidelines and application form: [http://www.aspt.net/publications/newsletter/2011 CDRF Guidelines App.doc](http://www.aspt.net/publications/newsletter/2011%20CDRF%20Guidelines%20App.doc).

AAAS Invites Nominations for the AAAS Early Career Award for Public Engagement with Science

Do you know an early-career scientist or engineer whose efforts to engage the public with science and technology are worthy of recognition? Nominations are invited now through October 15 for the 2011 AAAS Early Career Award for Public Engagement with Science. The award specifically focuses on recognizing individual scientists for their public engagement activities that promote interactive dialogue with a non-scientific, public audience.

The award includes a \$5,000 prize and support to attend the 2012 AAAS Annual Meeting in Vancouver, B.C. Nominations may be made by AAAS affiliate organizations, universities, government agencies, media, research organizations, and individuals. The award is open to individual early career scientists and engineers who have been working in their current field for less than seven years at a pre-tenure or equivalent level.

More information: http://www.aaas.org/news/releases/2011/0816pe_early_career.shtml

Award eligibility and nomination procedures: <http://www.aaas.org/go/PESaward>.

Lawrence Memorial Award - 2012 Nominations

The Award Committee of the Lawrence Memorial Fund invites nominations for the 2012 Lawrence Memorial Award. Honoring the memory of Dr. George H. M. Lawrence, founding Director of the Hunt Institute for Botanical Documentation, the annual Award of (\$2,000) is given to support travel for doctoral dissertation research in systematic botany or horticulture, or the history of the plant sciences, including literature and exploration. Major professors are urged to nominate outstanding doctoral students who have achieved official candidacy for their degrees and will be conducting pertinent dissertation research that would benefit significantly from travel enabled by the Award. The Committee will not entertain direct applications. A student who wishes to be considered should arrange for nomination by his/her major professor; this may take the form of a letter which covers supporting materials prepared by the nominee.

Supporting materials should describe briefly but clearly

the candidate's program of research and how it would be significantly enhanced by travel that the Award would support. Letters of nomination and supporting materials, including seconding letters, should be received by the Committee no later than 1 May 2012 and should be directed to: Dr. R. W. Kiger, Hunt Institute, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890 USA. Tel. (412) 268-2434.



SYMPOSIA AND MEETINGS

North Carolina State University: China, Hangzhou Plant Resources, Ecology & Culture Summer Study Abroad

For the flyer, see: [http://www.aspt.net/publications/newsletter/Hangzhou Plant Resources12.pdf](http://www.aspt.net/publications/newsletter/Hangzhou%20Plant%20Resources12.pdf).

Botany 2012

Botany 2012 will be held in Columbus, Ohio on July 7-11, 2012. For full details see <http://www.2012.botany-conference.org/>.

