

### **CAVE CONSERVANCY FOUNDATION GRADUATE AND UNDERGRADUATE FELLOWSHIP AWARDS**

The Cave Conservancy Foundation is planning to award an Undergraduate Fellowship in Karst Studies for \$5000, an M.S. Graduate Fellowship in Karst Studies for \$5000, and a Ph.D. Graduate Fellowship in Karst Studies for \$15,000 in 2004. Any study of caves and karst in any field, including but not limited to archeology, biology, engineering, geography, geology, and social sciences, will be considered. The research can involve any cave and karst areas, including those outside the United States. Applicants must be full-time graduate or undergraduate students at a U.S. college or university.

Applicants for the undergraduate fellowship must include a letter of intent, a proposal of the research not to exceed 5000 words, a letter of support from an undergraduate advisor, and undergraduate transcripts. Mail applications before June 1, 2004 to Cave Conservancy Foundation, Attn: Undergraduate Fellowship Program, 13131 Overhill Lake Lane, Glen Allen, VA 23059. The award will be announced by July 1, 2004. For more information contact Dr. Horton H. Hobbs III, at Department of Biology, Wittenberg University, P.O. Box 720, Springfield OH 45501-0720, via e-mail at [hhobbs@wittenberg.edu](mailto:hhobbs@wittenberg.edu).

Applicants for the graduate fellowships (M.S. and Ph.D.) must include a letter of intent, a curriculum vita, a thesis proposal, graduate transcripts, and two letters of recommendation, one being from the thesis advisor. Mail applications before June 1, 2004 to Cave Conservancy Foundation, Attn: Graduate Fellowship Program, 13131 Overhill Lake Lane, Glen Allen, VA 23059. The awards will be announced by July 1, 2004. For more information contact Dr. David C. Culver, at Department of Biology, American University, 4400 Massachusetts Ave. NW, Washington, DC 20016-8007, via e-mail at [dculver@american.edu](mailto:dculver@american.edu).

### **ANNOUNCEMENT & CALL FOR ABSTRACTS: 2004 NATIONAL MEETING OF THE GEOLOGICAL SOCIETY OF AMERICA (NOVEMBER 7-10) FOR CAVE AND KARST SESSIONS**

#### **PERSPECTIVES IN KARST GEOMICROBIOLOGY AND REDOX GEOCHEMISTRY-TOPICAL SESSION #28**

Questions may be addressed to Annette Summers Engel, University of Texas at Austin ([aengel@mail.utexas.edu](mailto:aengel@mail.utexas.edu)); Diana Northup, University of New Mexico ([dnorthup@unm.edu](mailto:dnorthup@unm.edu)); Toby Dogwiler, Winona State University ([tdogwiler@winona.edu](mailto:tdogwiler@winona.edu)).

In the ten years since the Karst Waters Institute-sponsored conference, "Breakthroughs in karst geomicrobiology & redox geochemistry," there has been considerable progress in understanding microbial systems, geochemical processes, and the

interactions between them in cave and karst settings. We welcome contributions that highlight these major achievements and latest advances, and we encourage interdisciplinary participation from related hydrogeologic and biogeochemical settings.

#### **FROM SUBTERRANEAN CRAWLWAYS TO SCIENTIFIC HALLWAYS: RESEARCH ON OUR PUBLIC CAVE AND KARST LANDS-TOPICAL SESSION #29**

Questions may be addressed to Penelope J. Boston, National Cave and Karst Research Institute-New Mexico Institute of Mining and Technology ([pboston@nmt.edu](mailto:pboston@nmt.edu)); Louise D. Hose, National Cave and Karst Research Institute-National Park Service ([Lhose@cemrc.org](mailto:Lhose@cemrc.org))

Public lands provide unique natural laboratories and have facilitated important advancements in our understanding of cave and karst systems. This session focuses on both fundamental and significant discoveries to applied research in publicly managed karst terranes worldwide. Submissions of papers discussing or representing "Science in the service of public land management" and "Public lands in the service of science" are equally encouraged.

#### **NEW AND MULTIDISCIPLINARY APPROACHES TO DATING CAVE DEPOSITS-TOPICAL SESSION #30**

Questions may be addressed to Donald McFarlane ([dmcfarla@jsd.claremont.edu](mailto:dmcfarla@jsd.claremont.edu)) or Joyce Lundberg ([joyce\\_lundberg@carleton.ca](mailto:joyce_lundberg@carleton.ca))

Resolving the ages of autochthonous and allochthonous deposits in caves is pivotal to a wide spectrum of research including archaeology, paleontology, paleoclimatology, and geomorphology. Although enormous advances have been made over the past 40 years, many challenges remain. This session aims to bring together researchers at the forefront of relevant technological and methodological advances, and those who are experimenting with, or successfully integrating multiple and/or innovative techniques to resolve long and complex speleological records.

There will be both ORAL and POSTER sessions for all these sessions.

#### **HOW TO SUBMIT AN ABSTRACT:**

The deadline for electronic abstract submission is July 13, 2004. The submission forms are available April 1-July 13, through the GSA's web site (<http://www.geosociety.org/meetings/2004/>). GSA requires that a speaker present only one abstract. If an author submits more than one volunteered abstract with the same person as speaker, all abstracts listing that speaker may be rejected. The abstracts are maintained and archived on the GSA's website.