

---

**ACTIVITIES AT THE BOSTON GSA ANNUAL MEETING**
**RECEPTION TUESDAY, NOV. 6, 2001 5:00 PM - 7:30 PM HCC 110**  
**Everyone is welcome: Non-members, students, friends, HESS members and HoG members**

The HoG Division is hosting a reception for students, members of the HoG Division, HESS members, and all other interested parties on Tuesday evening in Room 110 of the Hynes Convention Center. This will be a time to gather, lift a few cold ones (beers, not people!!), and share a good time. Please bring copies of your recent publications, articles, guidebooks, etc., etc., for our "Show and Tell." If you have a work by someone who will not be at the reception, consider bringing your own copy of that work for display. This is our time to show what we do, have done, and are doing!! Please spread the word to as many people as possible, especially students, both graduate and undergraduates.

**SAVE TUESDAY EVENING FOR THE RECEPTION.**

**PRE-MEETING FIELD TRIPS**
**The Founders of American Geology: A Visit to their Tombs and Favorite Exposures**

Saturday and Sunday, Nov. 3 - 4. Max: 20; min: 12. Cost: \$190

Co-sponsored by GSA **History of Geology Division**.

Leader: Gerald M. Friedman, Brooklyn College and Graduate Center, CUNY, P.O. Box 746, Troy, New York, 12181-0746, (518) 273-3247, fax 518-273-3249.

The trip begins in Boston and travels to Lee, Massachusetts, to see the limestones made classical in 1920 by T.N. Dale. It proceeds to Troy, the hallowed ground of the pioneers in American geology. The field trip follows in the footsteps of Amos Eaton (1776-1842), James Hall (1811-1898), and Ebenezer Emmons (1799-1863). We shall visit classical Appalachian outcrops and pause at the graves of the founders of our science.

**Urban Geology of Beacon Hill and Vicinity, Boston, Massachusetts: In Memory of James V. O'Connor — A Walking Tour**

Sunday, Nov. 4. Max: 20; min: 10. Cost: \$20.

Co-sponsored by GSA **History of Geology Division**, GSA Engineering Geology Division, and National Association of Geoscience Teachers.

Leaders: James W. Skehan, Dept. of Geology & Geophysics, Boston College, 140 Commonwealth Avenue, Chestnut Hill, MA 02467-3809, (617) 552-8312, fax 617-552-2462; William A. Newman; Wilfred Holton.

This trip will visit sites that are important in the history of Boston and that demonstrate the role of geology in human use and development in densely urban areas. We will begin in downtown Boston's Park Square, starting at the old shoreline of Great Bay and Roxbury Flats at the Prudential Center, the site of the Boston Fish Wiers constructed by Native Americans about 4000 yr B.P. Sites on Beacon Hill will include the Boston Common Garage, where engineering and glacial geology features have been well studied by the late Clifford Kaye, who was instrumental in developing a new model for moraine formation by thrusting of frozen sand, gravel, and till slices. We will consider sources and processes involved in filling Great Bay, construction of a Colonial tidal power project, original topography and stratigraphy of Beacon Hill drumlins and/or moraine based on data from construction of the Boston Common Garage that produced a superabundance of groundwater.

**POST-MEETING FIELD TRIP**
**The Taconic Questions: Revisiting the Scenes of the Great American Controversies**

Friday and Saturday, Nov. 9-10. Max: 40; min: 12. Cost: \$170.

Co-sponsored by GSA **History of Geology Division**.

Leader: Paul Washington, Dept. of Geosciences, University of Louisiana, Monroe, LA 71209, (318) 342-1898, fax 318-342-1755.

The Taconics have been the subject of several controversies over the last two centuries. This trip will visit some of the most controversial sites and look at the geology in terms of the geologic thinking of the day. We will also discuss how the field relations ultimately led to the resolution of each of the controversies, as well as how the geology is currently interpreted.

# HISTORY OF GEOLOGY DIVISION IN TECHNICAL SESSION PROGRAMS & EVENTS

MONDAY, NOVEMBER 5, 2001

## TOPICAL SESSION

Hynes Convention Center: Room 206

8:00 a.m. - 12:00 noon

### T69 Geobiography: Life Histories of Geologists as a Way to Understand How Science Operates

Michele L. Aldrich and Alan E. Leviton, Presiding

#### GSA History of Geology Division; History of Earth Sciences Society

- 8:00 AM Social ecology of Simpson's success. Laporte, Léo
- 8:15 AM Holes in the biographer's net: The case of William G. Tight (1865-1910), geomorphologist and university president. Bork, Kennard B.
- 8:30 AM Early contacts influencing career choices in the lives of three Hamilton (Ontario) geologists. Middleton, Gerard V. and Drake, John J.
- 8:45 AM Amos Eaton and the debate over localized geological nomenclature. Spanagel, David I.
- 9:00 AM Princeton geologist Arnold Guyot (1807-1884): Reading the Earth as the ultimate historical text. Wilson, Philip K.
- 9:15 AM The Agassiz circle in the New World: The case of Desor and glaciology. Silliman, Robert H.
- 9:30 AM William Phipps Blake: Practicing geology in the 19th Century. Testa, Stephen M.
- 9:45 AM **Break**
- 10:00 AM From palaeontology to history. Reconstructing the missing biography of A.H. Foord (1844-1933) between Europe and North America. Vaccari, Ezio and Histon, Kathleen
- 10:15 AM Science in the hinterland: "The Cincinnati School of Paleontology". Davis, Richard Arnold
- 10:30 AM Guilherme Schüch of Capanema, science and technology in 19<sup>th</sup> Century Brazil: A biographical historical window. Figueirôa, Silvia F. de M.
- 10:45 AM Seven Ages of geological investigation: A biographical study of the Geological Society of Dublin and its successor the Royal Geological Society of Ireland, 1831-1894. Wyse Jackson, Patrick N.
- 11:00 AM A history of the mapping and geological and geophysical exploration of the Aleutians: Combining oral history, archival research and detective work. Fournelle, John H.
- 11:15 AM The Leverett-Taylor papers: Scientific communication and networking, 1890-1937. Baclawski, Diane
- 11:30 AM Total immersion factor in working hypothesis formulation: G.A. Cooper's career as an example. Dutro, J. Thomas, Jr.
- 11:45 AM John L. Rich (1884-1956): Father of clinoforn, undaform, and fondoform. Friedman, Gerald M.

## K-4 PARDEE SYMPOSIUM

Hynes Convention Center: Ballroom B

1:30 p.m. - 5:30 p.m.

### Ophiolites as Problem and Solution in the Evolution of Geological Thinking

GSA History of Geology Division; GSA Structural Geology and Tectonics Division; International Geology Division; Society of Economic Geologists; History of Earth Sciences Society.

- 1:30 PM From Brongniart to Boston: A history of the ophiolite concept from 1813 to the present. Moores, Eldridge M.
- 1:45 PM N.L. Bown and the origin of ultramafic rocks. Young, Davis A.
- 2:00 PM Ophiolites and the oceanic upper crust; two-way traffic in scientific concepts. Cann, Johnson R.
- 2:15 PM Identifying modern analogues for ophiolite complexes. Pearce, Julian A.
- 2:30 PM Ophiolites: Extension in a convergent setting, with particular reference to the western Hellenic ophiolites. Smith, Alan G.
- 2:45 PM Development of the ideas on the ophiolites of the Alpine-Apennine and the Dinaride-Hellenide orogenic systems. Bortolotti, Valerio, Beccaluva, Luigi, Marroni, Michele, Pandolfi, Luca, Principi, Gianfranco, Saccani, Emilio, and Spadea, Piera
- 3:00 PM **Open Discussion**
- 3:15 PM **Break**
- 3:30 PM Precambrian ophiolites in collisional and accretionary orogens: Increasing evidence to constrain an evolving concept. Windley, Brian F.
- 3:45 PM Evolution of thought concerning high- and ultrahigh-pressure metamorphic belts: Subduction, recrystallization, and exhumation. Ernst, W. Gary
- 4:00 PM Paleomagnetism of ophiolites and ocean-island basalts in the Tethys and Iapetus Oceans. Van der Voo, Rob
- 4:15 PM Mantle and deep crustal dynamics and oceanic spreading centers as deduced from ophiolites. Nicolas, Adolphe
- 4:30 PM Geology of supra-subduction zone systems – their relevance to the origin of ophiolites. Hawkins, James W.
- 4:45 PM Supra-subduction zone ophiolite complexes. Dewey, John F.
- 5:00 PM Ophiolites and greenstones in the Japanese orogenic belts: Multiplicity and diversity of the accreted oceanic lithosphere. Ishiwatari, Akira
- 5:15 PM **Open Discussion**

## TUESDAY, NOVEMBER 6, 2001

### TOPICAL SESSION

Hynes Convention Center Room 302

8:00 a.m. - 12:00 noon

#### T70 Ophiolites as Problem and Solution in the Evolution of Geological Thinking

Yildirim Dilek and Sally Newcomb, Presiding

- 8:00 AM Animation of plate motions and ophiolite genesis through time. Scotese, Christopher R. and Dilek, Yildirim  
8:15 AM Where did Gustav Steinmann see the Trinity? Bernoulli, Daniel  
8:30 AM Identification of the mantle unit in ophiolites: A major step in the evolution of the ophiolite concept. Juteau, Thierry  
8:45 AM Mantle petrology as key to the understanding of oceanic lithosphere formation: Inferences from the Ligurian Ophiolites. Rampone, Elisabetta, Piccardo, Giovanni B., and Romairone, Anna  
9:00 AM Melt impregnation by strongly depleted MORB melts in the ophiolitic peridotites from the Ligurian Tethys (Alps, Apennines, and Corsica). Piccardo, Giovanni B. and Rampone, Elisabetta  
9:15 AM Magma chambers in ophiolites. Bedard, Jean H.J  
9:30 AM Ophiolites and the interpretation of marine geophysical data: Towards more complicated models. McClain, James S.  
9:45 AM **Open Discussion**  
10:00 AM **Break**  
10:15 AM New views of seafloor spreading from the geology of ophiolites and oceanic crust: Continually collapsing calderas to core complexes. Karson, Jeffrey A.  
10:30 AM The fossil ridge-transform intersection (RTI) in the Troodos Ophiolite: Axis curvature and outside-corner core complex. Abelson, Meir, Agnon, Amotz, and Baer, Gideon  
10:45 AM Two breeds of ophiolite; their differing origins and contrasting plate tectonic significance, Archaean to Cenozoic. Osmaston, Miles F.  
11:00 AM Collision-induced mantle flow and the genesis of ophiolites: A tectonic facies approach. Flower, Martin F.J. and Dilek, Yildirim  
11:15 AM The Troodos Massif of Cyprus: Its role in the evolution of the ophiolite concept. Robinson, Paul T.  
11:30 AM Supra-subduction zone (SSZ) ophiolites: Is there really an "ophiolite conundrum"? Metcalf, Rodney V. and Shervais, John  
11:45 AM **Open Discussion**

### TOPICAL SESSION

Hynes Convention Center Room 302

1:30 p.m. - 5:30 p.m.

#### T70 Ophiolites as Problem and Solution in the Evolution of Geological Thinking II

Yildirim Dilek and Sarah E. Newcomb, Presiding

- 1:30 PM Ophiolite studies and global geochemical cycles. Gregory, R.T.  
1:45 PM Ophiolites as faithful records of the oxygen isotope ratio of ancient sea water. Muehlenbachs, Karlis  
2:00 PM The role of ophiolite studies in constraining sea water circulation and alteration of modern oceanic crust. Stakes, Debra S. and Taylor, Hugh P., Jr.  
2:15 PM The effect of increased slow spreading extension on the ocean crust dike/basalt hydrothermal sulfur anomaly (Macquarie Island, Southern Ocean). Davidson, Garry J., Alt, Jeffrey C., Rick, Varne, and Brown, Anthony V.  
2:30 PM Bio-interaction with basaltic glass and its importance in mapping the depth of oceanic biosphere. Furnes, Harald, Thorseth, Inngun, Muehlenbachs, Karlis, Torsvik, Terje, Staudigel, Hubert, and Tumyr, Ole  
2:45 PM **Open Discussion**  
3:00 PM **Break**  
3:15 PM Recent developments in understanding the evolution of ophiolites: An overview of new geochemical and petrogenetic models for ophiolites of the SW Pacific from the Poya Terrane, New Caledonia and the Tangihua Complex, New Zealand. Nicholson, Kirsten Ngaire and Black, Philippa M.  
3:30 PM The Coast Range ophiolite, California: Multistage origin of a supra-subduction zone ophiolite. Shervais, John W.  
3:45 PM What constitutes "emplacement" of an ophiolite? Wakabayashi, John and Dilek, Yildirim  
4:00 PM A comparative study of two ophiolitic mélanges in the California coast ranges and Tibet, with implications on dismemberment processes of oceanic crust. Huot, François, Maury, René C., and Hébert, Réjean  
4:15 PM The discovery of the Ankara Melange and its unsung hero Oguz Erol. Sengör, A.M.C.  
4:30 PM Ophiolite obduction and plate margin evolution: Evidence from the Oman Mountains. Gray, D.R. and Gregory, R.T.  
4:45 PM Spinel compositions as clues to the origin and tectonic significance of metadunite bodies in the Blue Ridge belt of the southern Appalachian orogen. Raymond, Loren A. and Allan, James F.  
5:00 PM The Choate Mine: A representative history of chromite mining from an ophiolite in Maryland. Johnsson, Harald B. III  
5:15 PM **Discussion and Concluding Remarks**

## HISTORY OF GEOLOGY DIVISION RECEPTION

Tuesday, November 6

Hynes Convention Center Room 110

5:00 p.m. - 7:30 p.m.

Please come to the reception and bring someone with you!! The more the merrier!!!

## HISTORY OF GEOLOGY DIVISION MANAGEMENT BOARD MEETING - ALL OFFICERS

Immediately following the reception (probably in the same room).

### WEDNESDAY, NOVEMBER 7, 2001

#### DISCIPLINE SESSION

Hynes Convention Center Room 309

8:00 a.m. – 11:00 a.m.

Session # 103 History of Geology - General Session - History of Earth Science Society

Silvia F. de M. Figueirôa and Bob Ginsburg, Presiding

- 8:00 AM Pioneers in palynology, 1830-1975, and the cumulative application of their discoveries to coal and oil exploration and utilization. Cross, Aureal T.
- 8:15 AM Ferdinand Roemer – palaeontologist, stratigrapher, geologist: From northern Germany to central Texas to Upper Silesia. Göbel, Volker W.
- 8:30 AM H.V. Howe: Pioneer micropaleontologist, Gulf of Mexico. Krutak, Paul R.
- 8:45 AM History of organic geochemistry. Kvenvolden, Keith A.
- 9:00 AM The Hitchcock family: A case study in patterns of geological training and employment in antebellum America. Newell, Julie R.
- 9:15 AM Orra White Hitchcock (1796–1863), geological illustrator: Another belle of Amherst. Aldrich, Michele L. and Leviton, Alan E.
- 9:30 AM Charles F. Hartt (1840-1878); personal/professional conflicts. Figueirôa, Silvia F. de M. and Brice, William R.
- 9:45 AM Chinese art and one reason why modern geologic thought did not originate in China. Rosenberg, Gary D.
- 10:00 AM **Break**
- 10:15 AM Evolution of the petrographic microscope and its impact on advances in the geological sciences. Kile, Daniel E.
- 10:30 AM The great granitization controversy revisited: Ignimbrite flareups and exploding batholiths. Elston, Wolfgang E.
- 10:45 AM The NEIGC Centennial – A legacy of William Morris Davis. Van Baalen, Mark
- 11:00 AM **Discussion**

## HISTORY OF GEOLOGY DIVISION LUNCHEON MEETING AND AWARDS

Wednesday, November 7, 2001

Hynes Convention Center Room 107

Noon – 1:30 p.m.

This is the Division Annual Business Meeting and election of officers for 2002. Plans for the 2002 Annual Meeting will be discussed. The History of Geology Award will be presented to Dr. Walter Kupsch, and the History of Earth Science Society will present its awards and announcements.

**A NEED FOR ASSISTANCE:** The allotted support for the Pardee Symposium covers little of the true expenses, and our Division dues monies have decreased by the count of our members who have retired. We welcome contributions that any of you may wish to give to our Division operating funds to help defray costs for the Symposium. The note below has instructions as to how to make the donations so they can be used for the Boston meeting.

**Donna Russell (GSA Foundation)** sent the following note to Sally concerning donations for the meeting expenses: “As for donations to the HGA Fund. If the donors will note on the check, or attach a note, telling me they want this contribution to be spent in Boston, we will add it to the HGA Fund, but designate the dollars for use this year. Those donations can be turned over to your GSA Division account with no problem. But it is imperative that these contributions be marked for the Boston meeting.”

**IMPORTANT NOTE!** Also please be sure that your Division dues are up to date; many members who paid two-year GSA dues for 2000 and 2001 inadvertently missed paying Division dues for 2001; this is putting a real dent in Division funds. You can check your Division status by contacting [member@geosociety.org](mailto:member@geosociety.org) or by calling (303) 447-2020 or (888) 443-4472. Thank you!

**MORE ASSISTANCE NEEDED:** We would like to hold a raffle of significant HoG volumes at the Tuesday reception and donations of same are needed. Can you donate a volume to be given away on Tuesday evening?? Please contact Léo Laporte at [laporte@cats.ucsc.edu](mailto:laporte@cats.ucsc.edu) or Bob Ginsburg at [rginsburg@remas.miami.edu](mailto:rginsburg@remas.miami.edu) and let them know what you can provide. A raffle may help us draw a crowd for the reception.

## HISTORY OF GEOLOGY DIVISION BOOTH AT BOSTON GSA MEETING

Throughout the entire meeting, the HoG Division will have a booth in the Exhibit Hall of the Convention Center, thanks to the generosity of Gerry and Sue Friedman. Members are encouraged to make use of this to display books, notices of books, reprints, etc. Sample items should be marked "DISPLAY ONLY," and free hand-outs should be marked "FREE - PLEASE TAKE ONE." If you have a few minutes to spare, stop by the booth and lend a hand, help spread the word about the work we do; perhaps spend an hour or so at the booth. Bring your items to the booth on the evening when the Exhibit Hall is opened.

## OTHER ACTIVITIES IN THE HISTORY OF GEOSCIENCES

### HISTORY OF EARTH SCIENCES SOCIETY

The next two issues of *Earth Sciences History* (vol. 19, no. 2 and vol. 20, no. 1) are in production and will arrive later this fall in members' mailboxes. Articles will include:

On the Origins of Knowledge of the Sea Tides from Antiquity to the Eleventh Century *by* David E. Cartwright

Of Men and Mining Education: The School of Mines at the University of Sydney *by* Roy MacLeod

Aikitu Tanakadate and the Controversy over Vertical Electrical Currents in Geomagnetic Research *by* Haruyo Yoshida

R. M. Kleinpell's Zones and Stages: An Opeelian Biostratigraphic Solution to a Challenge in the Search for Petroleum in California *by* William B. N. Berry

Mr. Bain and Dr. Atherstone: South Africa's Pioneer Fossil Hunters *by* Alan Cohen

German Women Paleobotanists from the 1920s to the 1970s - Or, Why did this Story Start so Late? *by* Barbara A. R. Mohr and Annette Vogt

The Beginnings of a Geological Naturalist: Desmarest, the Printed Word, and Nature *by* Kenneth L. Taylor

### HESS BOARD MEETING

Monday, November 5

Hynes Convention Center Room 105

5:30 p.m. - 7:30 p.m.

### NEW HESS MEMBERSHIP DIRECTORY IN PRODUCTION

A new HESS membership directory is forthcoming soon. So, if you are a member of HESS and did not return the address form earlier in the year, please do so as soon as possible; otherwise you might be missed or have the wrong address included in the new directory.

### NEW HISTORY ORGANIZATION

**The Commission on History of Meteorology (CHM)** was established during the summer of 2001 in Mexico City at the International Congress of History of Science. You are invited to visit the new website of the CHM at <http://www.colby.edu/chm> and consider joining (for free) by completing the interactive membership form.

### NEW REPRINT AVAILABLE

**Drake Well Foundation** *Practical Treatise on Coal, Petroleum & other Distilled Oils*. By Abraham Gesner, 1861.

The Drake Well Foundation has reprinted this historically significant book by one of the pioneers of the oil industry. Gesner's book, long out of print, is more difficult to find in libraries than the 1865 Second Edition, but now it is available again, thanks to the Drake Well Foundation. The cost is \$35.00 plus \$5.00 (shipping and handling). To order, send check payable to THE DRAKE WELL FOUNDATION, for \$40.00 to: Mr. Samuel T. Pees, 628 Arch Street, Suite A-104, Meadville, PA 16335

### UPCOMING MEETING

**History of Science Society, Denver, Colorado, November 9, 2001**

**Climate and Culture: Contexts, Concepts, and Choices**

Co-sponsors: History of Earth Sciences Society; Commission on History of Meteorology (IUHPS); GSA **History of Geology Division**

Chair, Ronald Rainger (Texas Tech University)

Organizer and Commentator, James R. Fleming (Colby College)

Airs and the Ars Chymia: Early Modern Physico-Chymical Concepts of Atmospheric Change. Margaret Garber (University of California-San Diego)

Attitudes Concerning Latitudes: The Origin and Early Evolution of the "Köppen-Zone" System of Climate Classification. Mott T. Greene (University of Puget Sound)

Computing Global Climate Change: The Early Development of General Circulation Models (GCMs) in Britain. Sang-Hyun Kim (University of Edinburgh)

## MEETINGS PAST

**History of the Oil Industry** - Symposium, Oil City, PA, June 20-23, 2001

Sponsored by The Drake Well Foundation

Additional Sponsors: I. C. White Memorial Foundation; Pittsburgh Association of Petroleum Geologists; Helmer Rabild Charitable Trust; Drake Well Museum; **History of Geology Division**, Geological Society of America; History Committee, American Association of Petroleum Geologists; **History of Earth Sciences Society**.

Over 65 people from the academic world and all branches of the oil industry gathered in June in Oil City, Pennsylvania, at the mouth of Oil Creek Valley, America's first oil belt. The purpose of this meeting was to elaborate on the history and heritage of this global industry. The Symposium included oral papers, poster reports, and field trips to historic oil sites of the valley, including the Drake Well, the McClintock #1 (oldest continuously producing well), Columbia Farm oilfield, Petroleum Centre, and a side trip to Pithole ghost town. Besides the 1859 Drake well, Oil Creek Valley and environs contains splendid relics of the early days of oil, such as remnants of boomtowns, Andrew Carnegie's venture into oil at Columbia Farm, engines, boilers and powers of the drilling and production days, and the old oil wells which dot the landscape.

The featured speaker for the banquet on Friday evening was **Marlan W. Downey**, President, AAPG Executive Committee. The Drake Well Foundation honored **Robert Eberly** of Pennsylvania, and **Charles Weiner** of Houston with *The Colonel Edwin L. Drake Legendary Oilman Award* for their considerable contribution to the oil industry. **Ellsworth E. Sparks** of Pleasantville, Pennsylvania, was presented with the *Meritorious Service Award* for his many years of work in identifying and preserving the oil artifacts of Oil Creek Valley.

In the spring of 2003, the Drake Well Foundation is planning to hold another such symposium at Shreveport, Louisiana; Dr. Mary Barrett, Centenary College of Louisiana, will be the organizer. More details will be forthcoming.

NOTE: The Drake Well Foundation, in addition to holding symposia, publishes an annual journal *Oil-Industry History*, and also does reprints of early oil literature (see the announcement in this newsletter about one of these). For more information, contact The Drake Well Foundation, P. O. Box 233, Titusville, PA 16354.

Reported by Samuel T. Pees, President, Drake Well Foundation

**2001 INHIGEO** meeting, Portugal, 24th June - 1st July, 2001

Geological Resources and History, Lisbon and Aveiro

A most interesting meeting of INHIGEO (International Commission on the History of the Geological Sciences) was held this year at Lisbon, Aveiro, and many points in between. There were approximately 50 participants, with a number of family members also in attendance. Fourteen countries were represented. Hotel accommodations were comfortable, the venues easy to navigate, and we were well provided with maps and brochures about many of our destinations. It was a particular pleasure to be in a country few of the visitors were familiar with, at least outside of the capital city. All shortly discovered the joys of Portuguese bread, cheese, wine, and grilled sardines.

Due to a vicious thunderstorm at our takeoff point, my husband and I were not able to join the group until late Sunday afternoon, thereby missing registration and the first field trip. The first plenary and oral sessions were held at the Lisbon Geographical Society, which reminded participants of the major role Portugal played in world exploration. There were simultaneous sessions on the conference topics: the use of stone through the ages; dinosaurs and other megafauna in the history of geology; and history of mining and metallurgy, and economic geology. The use of stone was illustrated by visits to the Lisbon cathedral and the Mosteiro do Jerónimos. The plenary address by Bill Sarjeant was at the spectacular Academy of Sciences, which was founded in 1772. It occupies a beautiful 16th-17th century building, and includes a library in existence at that time. A large wing of the building contains the geological and mining museum. This was followed by an afternoon trip to a dinosaur footprint site outside Lisbon.

On the way to Aveiro we stopped at the dinosaur museum at Lourinhã. The area is known for identification of several novel species, as well as for numerous dinosaur eggs, some with embryos. After lunch supplied by the town council in the garden of a beautiful church, we went to several excavation sites before proceeding to Aveiro where there was a reception. Oral and poster sessions were held at the University of Aveiro on Friday. On Saturday there was a trip to explore Roman gold mines, some in the Parque Paleozóico near Valongo, known for the mines and spectacular trilobite fossils, and the city of Oporto. After the conference dinner that night, each national group entertained with songs. Unfortunately, the U.S. group was not prepared, and our honor rested on a spirited rendition by Léo Laporte's son. The last day we visited impressive Roman ruins at Conimbriga, after which many of us took the fast train back to Lisbon from Coimbra.

Many thanks are owed to Professor Manuel Pinto, President of INHIGEO, his distinguished colleagues and informed students, for a meeting that highlighted the geology, culture, and history of a most interesting country. Thanks for organization also go to David Oldroyd, Secretary-General of INHIGEO.

Reported by Sally Newcomb

## **LOST - WE'RE LOST!! Does anyone know the current addresses for these people???**

Mrs. Martha C. Bray, 923 Lincoln Avenue, St. Paul, MN 55105-3149

Dona Mary Dirlam, Gemological Institute, 1660 Stewart Street, Santa Monica, CA 90404

Dr. Anne Milbrooke, 170 Roosevelt 3F, Hartford, CT 06114

Send the information to Bill Brice wbrice@pitt.edu Thanks

**KUDOS : Derek York** for his *ROCK STAR* in the September 2001 issue of *GSA Today*: J Tuzo Wilson. Many thanks. And a note to the members - keep those *ROCK STARS* coming!!!!

**NEW HESS HONOR:** After a strong vote by the entire membership of the **History of the Earth Sciences Society**, a new category of award has been inaugurated. It is an **HONORARY LIFE MEMBERSHIP** reserved for individuals who have performed extraordinary service to HESS and to the history of the geosciences. The first awardees are **Gerald M. Friedman**, Distinguished Professor of Geology, Brooklyn College and Graduate Center, CUNY, and **Ellis L. Yochelson**, Smithsonian Institution and U. S. Geological Survey (retired). These awards will be made at the HoG Division luncheon on Wednesday, November 7, in Boston.

## **HISTORY OF GEOLOGY AWARD FOR 2002**

## **CALL FOR NOMINATIONS**

The History of Geology Division gives this award to an individual for contributions of fundamental importance to the understanding of the history of the geological sciences. Achievements deserving of the award include, but are not limited to: publication of papers or books that contribute new and profound insights into the history of geology (based upon original research or synthesis of existing knowledge); discovery of and making available rare source materials; comprehensive bibliographic surveys; editing a thematically integrated collection of articles; organizing meetings and symposia in the history of geology; research into original sources; original interpretations of data; translations of key material; and exceptional service to the Division. The award, established by the History of Geology Division in 1981, consists of an embossed certificate and a Pewter Revere bowl. The deadline for receipt of nominations by the selection committee is April 1<sup>st</sup> each year.

### **AWARDEES**

1982 George W. White

1983 Claude C. Albritton, Jr.

1984 Mary C. Rabbitt

1985 Cecil J. Schneer

1986 Ursula B. Marvin

1987 Martin J. S. Rudwick

1988 Stephen Jay Gould

1989 Albert V. Carozzi

1990 Gordon Y. Craig

1991 William A. S. Sarjeant

1992 Michele L. Aldrich

1993 Martin Guntau

1994 François Ellenberger

1995 Robert H. Dott, Jr.

1996 Gordon L Herries Davies

1997 Kennard B. Bork

1998 Hatten S. Yoder, Jr.

1999 David R. Oldroyd

2000 Hugh Torrens

2001 Walter O. Kupsch

Please send the name and supporting information for your nominees to: *William R. Brice, Secretary-Treasurer* (see "Division Officers" for the address) and mark the envelope **AWARD NOMINATION**. As the chair of the review committee changes each year, Bill will forward the material to the review committee.

**DO YOU KNOW THE SOURCE?** - Below is a quotation I found on the title page of *Remarks on the Geology and Mineralogy of Nova Scotia*, by Abraham Gesner (1836). Does anyone know the source? Is it from Hutton's work, or Playfair? Those were some thoughts I had. If you recognize it, please let me know who originally said this. Thanks. Bill Brice, wbrice@pitt.edu

"The earth not only contains within her bosom, substances the most necessary and indispensable to supply the want of man; but also exhibits in her vast museum, the most certain, and imperishable records of her own history, written in characters not to be mistaken by the most humble, destroyed by the most powerful, nor blotted out even by time itself."

## **2001 GSA HISTORY OF GEOLOGY DIVISION OFFICERS**

**Chair:** Sarah E. (Sally) Newcomb, 13120 Two Farm Road, Silver Spring, MD 20904; (301) 622-0177; senewcomb@earthlink.net

**First Vice-Chair:** A. M. Celâl Sengör, İTÜ Avrasya Enstitüsü ve Maden Fakültesi, Jeoloji Bölümü, Ayazaga 80626, Istanbul, Turkey; 90-212-285-6209; fax 90-212-285-6210; sengor@itu.edu.tr or sengor@gps.caltech.edu

**Second Vice-Chair:** Roger D. K. Thomas, Franklin & Marshall College, Dept. of Geosciences, P.O. Box 3003, Lancaster, PA 17604; (717) 291-4135; fax (717) 291-4186; r\_thomas@acad.fandm.edu

**Secretary-Treasurer-Newsletter Editor:** William R. Brice, University of Pittsburgh at Johnstown, Johnstown, PA 15904; (814) 269-2942; fax (814) 269-2022; wbrice@pitt.edu

**Past Chair:** Gerald M. Friedman, Brooklyn College and Graduate School (CUNY), c/o Northeastern Science Foundation, P.O. Box 746, Troy, NY 12181; (518) 273-3247; fax (518) 273-3249; gmfriedman@juno.com

**Councilor-Liaison:** Rena M. Bonem, Baylor University, Department of Geology, P.O. Box 97354, Waco, TX 76798-7354; Rena\_Bonem@baylor.edu

**Webmaster:** Hugh Rance, hrance@nyc.rr.com

**Division Website:** <http://gsahist.org>

## **Call for Applications!**

### **Apply for the GSA/USGS Congressional Science Fellowship for 2002–2003**

Opportunities to serve as a Congressional Science Fellow are rare, and the experience of serving is unique. This position may be a good fit for you if you would like to work directly with national leaders and use your expertise and experience to help shape science and technology policy on Capitol Hill.

The Congressional Science Fellow will be selected from top competitors early in 2002.

Successful candidates are **GSA members** who possess either a:

- Ph.D. in the Earth Sciences (or a related field), or
- Master's degree in the Earth Sciences (or a related field) with at least five years of professional experience.

If you meet these qualifications, have experience in applying scientific knowledge to societal challenges, and share a passion for helping shape the future of the geoscience profession, GSA invites your application. The Fellowship is open to U.S. citizens or permanent residents of the U.S.

**The deadline to apply is February 1, 2002.**

For application information, check our website at <http://www.geosociety.org/science/csf/index.htm> or contact Ms. Karlon Blythe, Program Officer, GSA Headquarters, (303) 447-2020, ext. 1036 or [kblythe@geosociety.org](mailto:kblythe@geosociety.org).