

**GSA - DENVER NOVEMBER 7-10, 2004****HISTORY OF GEOLOGY SESSIONS**

*Note that the annual Luncheon and Awards Presentation is on SUNDAY.*

**SUNDAY, NOVEMBER 7, 2004****GSA History of Geology Division Luncheon & Awards Reception, 12:00 Noon - 2:00 PM**

Colorado Convention Center, Room 204 Ticket Cost: \$33

**MONDAY, NOVEMBER 8, 2004****8:00 AM-12:00 Noon, Colorado Convention Center: 601**

*T57. The Concept of Layer-Cake Stratigraphy-Then and Now.* GSA History of Geology Division; GSA Sedimentary Geology Division. Charles W. Byers, University of Wisconsin, Madison, Presiding. The concept of layer-cake (time-parallel) stratigraphy was widely accepted during the nineteenth century. It was eclipsed by the facies concept for decades but has made a resurgence in the guise of sequence and event stratigraphy.

**Paper # Start Time**

- |      |         |   |
|------|---------|---|
|      | 8:00 AM | Introductory Remarks  |
| 77-1 | 8:15 AM | Petit-fours rather than layer cakes: American geologists' thinking on stratigraphy in the first half of the Nineteenth Century. Newell, Julie R., Social and International Studies Program, Southern Polytechnic State Univ, <a href="mailto:jnewell@spsu.edu">jnewell@spsu.edu</a> . |
| 77-2 | 8:30 AM | Layercake stratigraphy in the American West: Perspectives from the Powell, Hayden and King surveys. Aalto, K.R., Geology, Humboldt State Univ, <a href="mailto:kra1@axe.humboldt.edu">kra1@axe.humboldt.edu</a> .   |
| 77-3 | 8:45 AM | The icing on the cake - glaciology in Europe and America: Frank Leverett's year abroad with Penck, Bruckner and other glaciologists. Baclawski, Diane, Geology Library, Michigan State Univ, <a href="mailto:baclaws2@msu.edu">baclaws2@msu.edu</a> .                                 |
| 77-4 | 9:00 AM | Kleinpell's biostratigraphic analysis of California's Miocene strata: his alternative to layer cake stratigraphy. Berry, William B.N., Earth and Planetary Science, Univ of California, <a href="mailto:bberry@uclink.berkeley.edu">bberry@uclink.berkeley.edu</a> .                  |
| 77-5 | 9:15 AM | Anticipating the sequence lesson: K.M. Waage's approach to the Dakota problem in the Black Hills. Byers, C.W., Dept. of Geology & Geophysics, Univ of Wisconsin, <a href="mailto:cwbyers@geology.wisc.edu">cwbyers@geology.wisc.edu</a> .   |
| 77-6 | 9:30 AM | Greenhorn Limestone (Cretaceous, U.S. Western Interior): Case study in layer-cake stratigraphy. Hattin, Donald E., Indiana University - Bloomington, <a href="mailto:hattin@indiana.edu">hattin@indiana.edu</a> .   |

77-7 9:45 AM Eo-Ulrichian to Neo-Ulrichian views: The renaissance of “layer cake stratigraphy.” Brett, Carlton E. and McLaughlin, Patrick I., Dept of Geology, Univ of Cincinnati, carlton.brett@uc.edu .

10:00 AM Break

77-8 10:15 AM Paleozoic cratonic stratigraphy in the North American continental heartland, a complex “layer cake.” Witzke, Brian J., Iowa Dept of Natural Resources, Iowa Geol Survey, bwitzke@igsb.uiowa.edu and Ludvigson, Greg A., Iowa Dept of Natural Resources.

77-9 10:30 AM Cambrian sheet sandstones of the cratonic interior of North America; Using classic methods toward a “modern” stratigraphic understanding. Runkel, A.C., Minnesota Geological Survey, Univ of Minnesota, runke001@tc.umn.edu , Miller, James F., Dept of Geography, Geology, and Planning, Southwest Missouri State Univ; McKay, R.M., Geological Survey Bureau, Iowa Dept of Nat Res; Palmer, Allison R., Institute for Cambrian Studies; and Taylor, John F., Geoscience Dept, Indiana Univ of Pennsylvania.

77-10 10:45 AM Decorah Formation of the Upper Mississippi Valley: Facies versus key-bed correlation. Emerson, Norlene R., Dept Geol/Geog, Univ of Wisconsin - Richland, nemerson@uwc.edu and Byers, C.W., Dept of Geol and Geophysics, Univ of Wisconsin.

77-11 11:00 AM Layer-cake stratigraphy from the geobakery or the classic flatland geology of the MidContinent (USA). Merriam, D.F., Kansas Geol Survey, Univ of Kansas, dmerriam@kgs.ku.edu .

77-12 11:15 AM Clarifying 50 years of definitions ascribed to the maximum flooding surface with fuzzy if-then classifiers and inference systems. Parcell, William C., Dept of Geology, Wichita State Univ, william.parcell@wichita.edu .

77-13 11:30 AM Plio-Pleistocene cyclothemic layer cake stratigraphy in eastern North Island, New Zealand. Haywick, Douglas W., Earth Sciences, Univeristy of South Alabama, dhaywick@jaguar1.usouthal.edu .

11:45 AM Discussion

## **GENERAL SESSION MONDAY NOVEMBER 8, 2004**

**1:30 PM-5:30 PM, Colorado Convention Center: 605**

### **History of Geology and Earth Sciences History**

Gary D. Rosenberg and Lillian Hess Tanguay, Presiding

Paper # Start Time

100-1 1:30 PM Nicolaus Steno’s “Chaos.” An overlooked document from the 17th Century sheds light on geology’s place in the scientific and religious revolutions of western Europe. Rosenberg, Gary D., Indiana Univ-Purdue Univ, grosenbe@iupui.edu .

100-2 1:45 PM The rocks of the description de l’Égypte. Hess Tanguay, Lillian, Earth and Environmental Science, Long Island Univ, C.W. Post Campus, lhess@liu.edu .

100-3 2:00 PM Charles Lyell, geologic change and “causes now in operation.” Breyer, John A., Dept of Geology, Texas Christian Univ, j.breyer@tcu.edu .

100-4 2:15 PM The Charles H. Sternberg family and their unknown Park University fossil collection. Hageman, Scott A., Dept of Geology, Park University, scott.hageman@park.edu and Hoffman, Brian L., Dept of Biology, Park University.

100-5 2:30 PM The graphic innovations of geologist Henry T. De la Beche. Clary, Renee M., Geology, Univ of Louisiana at Lafayette, geo-ed@louisiana.edu and Wandersee, James H., Curriculum and Instruction, Louisiana State Univ.

100-6 2:45 PM Is William F. Buckland the first geobiologist? Wandersee, James H., Dept of Curric & Instruction, Louisiana State Univ, jwander@lsu.edu and Clary, Renee M., Geology, Univ of Louisiana at Lafayette.

3:00 PM Break

100-7 3:15 PM Murchison's fieldwork methodology: An example from southern Norway. Diemer, John A., Geog and Earth Sciences, UNC-Charlotte, jadiemer@email.uncc.edu and Collie, Michael, Nottingham, England.

100-8 3:30 PM "Such a section as never was put together before": Logan, Dawson, Lyell, and mid-Nineteenth Century measurements of the Joggins section. Rygel, Michael C., Dept of Earth Sciences, Dalhousie Univ, Halifax, Canada mike\_rygel@hotmail.com and Shipley, Brian C., Dept of History, Dalhousie Univ, Halifax [**History of Geology STUDENT AWARD-2005**] {Correction-Brian Shipley is also a graduate student at Dalhousie University, not Mike's major advisor as stated in the last newsletter. My apologies to Brian. - Bill}

100-9 3:45 PM William Phipps Blake and the 1857 Wagon Road Survey: A geological excursion among mules, camels, Indians and the Army. Testa, Stephen Michael, Testa Environmental Corporation, stesta@goldrush.com .

100-10 4:00 PM Henry S. Williams and James Hall - a close encounter of the real kind. Brice, William R., Geology & Planetary Science, Univ of Pittsburgh at Johnstown, wbrice@pitt.edu .

100-11 4:15 PM The 1921-22 Shaler Memorial Expedition to South Africa: R.A. Daly's influence on Bushveld pioneers. G. A. F. Molengraaff and A. L. Hall. Elston, Wolfgang E., Earth and Planetary Sciences, Univ of New Mexico, welston@attglobal.net .

100-12 4:30 PM Why was Rudolf Richter's Aktuopaläontologie not embraced by U.S. paleontologists? Lewis, Ronald D., Geol and Geog, Auburn Univ, lewisrd@auburn.edu .

## **HISTORY OF GEOLOGY/HISTORY OF EARTH SCIENCE SOCIETY**

**RECEPTION - OPEN TO ALL MONDAY NOVEMBER 8, 2004**

**5:00 PM - 7:00 PM, Colorado Convention Center - Room 202**

On Monday afternoon, starting immediately after the HoG General Session, the annual HoG and HESS reception will be held with its usual "munchies" and drinks, including beer, I would imagine. Wouldn't be a geology gathering without the latter beverage. We will make a special announcement at the reception. If everyone remembers to bring an item, we will have our usual door prize drawing for the students.

**REMINDER:** Please notify Bill if you have an item which you can bring for the drawing. We need enough to make it interesting for the students. Also remember to invite people to join us on Monday evening, it is always a fun time. **Starting time: 5:00 PM.**

**HESS MEMBERS,** there will be a short HESS meeting following the reception in 202 CCC. So please stay after the reception. Thanks.

## **TUESDAY NOVEMBER 9, 2004**

T60 Sedimentary Geology and Earth History: Retrospective and Prospective: In Honor of the Career and Contributions of Robert H. Dott Jr. - POSTER PRESENTATIONS. GSA Sedimentary Geology Division; GSA History of Geology Division. Joanne Bourgeois, Univ of Washington; Marjorie A. Chan, Univ of Utah; Gary Kocurek, Univ of Texas, Austin.

Bob Dott's career has spanned important changes in sedimentary geology and Earth's history and in the philosophy of geology. Students and colleagues of Bob Dott will reflect on those changes, and on his research and educational contributions.

**Paper # Booth #**

157-1 143 A commitment to public geoscience education: Robert H. Dott, Jr. Attig, John W. and Hunt, Susan Lawton, Wisconsin Geological and Natural History Survey, Univ of Wisconsin, [jwattig@facstaff.wisc.edu](mailto:jwattig@facstaff.wisc.edu) .

157-2 144 Evolution of evolution of the Earth. Bourgeois, Joanne, Univ of Washington, [jbougeo@u.washington.edu](mailto:jbougeo@u.washington.edu) .

157-3 145 Build-and-fill: A stratigraphic pattern induced in cyclic sequences by sea level and paleotopography. Franseen, Evan K., Kansas Geol Survey, Univ of Kansas, [evanf@kgs.ukans.edu](mailto:evanf@kgs.ukans.edu) and Goldstein, Robert H., Geology, Univ of Kansas.

157-4 146 Pennsylvanian limestones and their significance in southeastern Ohio. Nadon, Gregory C., Geol Sciences, Ohio Univ, [nadon@ohio.edu](mailto:nadon@ohio.edu) and Heckel, Phillip H., Dept of Geoscience, Univ of Iowa.

157-5 147 Precambrian smectite of the Neoproterozoic Doushantuo Formation China. Bristow, Thomas F. and Kennedy, Martin J., Dept of Earth Sciences, Univ of California, Riverside, [tbris001@student.ucr.edu](mailto:tbris001@student.ucr.edu) .

157-6 148 Eolian pin stripes in the Navajo Sandstone: Origin, disruption, and reconstitution. Loope, David B., Univ Nebraska - Lincoln, [dloope1@unl.edu](mailto:dloope1@unl.edu) .

157-7 149 Natural dams and floods of legend at Mount Baker volcano - evidence from volcanic stratigraphy of the Sherman Crater eruptive period (AD 1843 to Present). Scott, Kevin M., Cascade Volcano Observatory, US Geol Survey, [kscott@usgs.gov](mailto:kscott@usgs.gov) and Tucker, David S., Geology Dept, Western Washington Univ.

**Additional program of interest:**

If you'd like to hear more about the contributions of O.E. Meinzer or John G. Ferris or learn about groundwater pollution from 1899-1945, topical session T5: "Groundwater Depletion and Overexploitation in the Denver Basin Bedrock Aquifers" is the place to be; papers on these topics will be presented at 4:45, 5:00, and 5:15 pm, respectively, in Rm 207 of the Colorado Convention Center, with Peter Barkmann and John Ezra Moore presiding.

**MEETINGS UPCOMING:**

**GEOLOGICAL SOCIETY OF LONDON            OCTOBER 22, 2004**  
**HELP CELEBRATE THE EARTH'S BIRTHDAY**  
**GEO-FAKES, FRAUDS AND HOAXES**

Join the History of Geology Group at Burlington House, Geological Society of London, on October 22, 2004. Get the latest on the Beringer Fossils, the Piltown hoax, many other geological fakes and frauds, and celebrate the Earth's birthday, according to Bishop Ussher, as well. It should be a splendid time. For more details, contact Cherry Lewis at [Cherry.Lewis@bristol.ac.uk](mailto:Cherry.Lewis@bristol.ac.uk) .

**PETROLEUM HISTORY INSTITUTE            APRIL 6-9, 2005**

The PHI will be hosting a symposium and field trips April 6-9, 2005 in Morgantown, West Virginia, relating to the history of the oil and gas industry, local, nationwide, and world-wide. The meeting is open to members of PHI and non-members alike and should have interest for both professionals and lay-persons. The last PHI meeting was in Shreveport, Louisiana in March 2003, and all who attended

were treated to some fine papers and great field trips. The Morgantown meeting is shaping up to be just as exciting. The call for papers has been issued, so please submit an abstract and plan to attend, enjoy the spring in West Virginia. Contact: Larry Woodfork, P.O. Box 4458, Star City, WV 26504-4458; woodfork@earthlink.net or Bill Brice wbrice@pitt.edu .

## **JOINT GSA/GSC MEETING**

**AUGUST 8-11, 2005**

Dear Colleagues,

Next summer, the Geological Society of America and the Geological Association of Canada will be hosting the second Earth System Processes meeting. Chris Beaumont, Don Canfield and I have taken the reins from the Ians (Dalziel and Fairchild) as co-chairs of this meeting, a follow-up to the very successful ESP-1 meeting in Edinburgh, Scotland, 2001. Because we know that August is a very precious time of year, we want to let you know well in advance of the meeting so you could mark it on your calendars.

**WHEN AND WHERE?** Earth System Processes 2, Calgary, Alberta Canada, August 8-11, 2005.

As with ESP-1, the upcoming meeting focuses on interactions in the Earth system, addressing problems in Ancient Earth Systems, Modern Earth System Processes, and Earth System Futures.

For those of you who did not attend the first Earth Surface Processes meeting, you may wish to visit the following website <http://www.geosociety.org/meetings/edinburgh/index.htm> . In particular, follow the Media Coverage link to see how well the meeting was received.

And, most importantly, we hope to see you in Calgary. There's no more beautiful place to be in the summer than the Canadian Rockies; collectively, we give it three thumbs up! Please plan to extend your stay for field trips, field work, or vacation.

Sincerely, Lee Kump; for Chris Beaumont and Don Canfield

## **GSA – PHILADELPHIA**

**OCTOBER 22-25, 2006**

## **CALL FOR PAPERS**

"Nicolaus Steno and the Scientific and Religious Revolutions," a symposium proposed for the 2006 Geological Society of America Annual Meeting in Philadelphia. A proceedings volume is proposed. For further information: Gary D. Rosenberg, Geology Department, Indiana University-Purdue University, 723 W. Michigan St., Indianapolis, IN 46202-5132; grosenbe@iupui.edu ; tel: (317) 274-7468 or (317) 274-7484 (Secty); fax: (317) 274-7966.

## **MEETINGS PAST:**

### **A Bus Named Danti**

### **Inhigeo Field Trip, Pisa to Venice, Aug. 29-Sept. 4, 2004**

Sally Newcomb

Thirty five people from eleven countries participated in the Inhigeo field trip following the 32<sup>nd</sup> International Geological Congress meeting in Florence. They were from: USA, 6; Russia, 3; Australia, 3; UK, 5; Lithuania, 1; Denmark, 1; Italy, 6; New Zealand, 1; Germany, 2; Japan, 5; Portugal, 1; and France, 1. Ken Bork is the newly elected Secretary-General of the organization, and Philippe Taquet is now the president. The organizers and leaders were Nicoletta Morello and Ezio Vaccari, with frequent assistance from Kathleen Histon, Claudia Principe, and Gian Battista Vai. The bus Danti, with its able driver, was our transportation, connecting point, and enabler. It turned tight corners, found places to park, delivered and collected us, and was always there when needed, from early morning until (sometimes) after midnight. This was not as simple as people from "the wide open spaces" might think. Besides the difficulties of accessing outcrops and quarries, most Italian cities ban cars and buses from at least the central city, and even Danti couldn't walk on water in Venice.

A short report such as this cannot begin to do justice to the beauty of northern Italy, the charm of cities in place for hundreds of years, and the uniquely Italian blend of art, history, and landscape. Our extensive walking was more than compensated for by wonderful food, as well as a generous introduction to Italian wines. We had dinner at one winery and were given a tour of another, with sampling encouraged. And oh yes, there was geology, and history of geology!

We left Pisa for Campiglia Marittima, where we had an excellent guide and interpreter at the national park. There we toured a mine that was a composite of the history of metals mining in the region, and then walked the quarry road, passing numerous Etruscan graves. That night we stayed in a hostel near an ancient town that had housed the miners. The next day took us to Siena and then Vinci via several geological sites, where we visited the museum devoted to the Leonardo from Vinci. The following day, after more rocks, we visited the Academy of Sciences of Bologna, and were given lunch there. Afterward we saw the geological museum Capellini, now a music conservatory, where two gifted students played for us. We then went to the museums of Palazzo Poggi (University of Bologna). The next day, after travel to Verona, we visited the Academy of Agriculture, Sciences and Letters of Verona. In the afternoon we went to the Museum of Natural History, with its extensive exhibits of the extremely well-preserved fossil fish of Bolca.

On Thursday Danti took us to the village of Bolca, where we first toured the museum and then took the long walk down past the new excavations, and into the quarry (more like a mine) where the fossil fish were first recovered in the 18<sup>th</sup> century. We had a late arrival to our hotel outside of Venice, but nevertheless were given an excellent dinner. This hotel was chosen because of its proximity to both the Venice airport and to a major railroad station, as we would all be leaving from here. On Friday Danti delivered us to the vaporetto (water taxi) station where we embarked for Venice. We visited the Venetian Institute of Sciences, Letters and Arts, where Hugh Torrens gave an address. After lunch there we explored Venice for a short while before touring the Venice Museum of Natural History. After dinner on San Marco Square a vaporetto took us back to Danti and thus to our hotel.

We were given a thorough field guide for the trip with maps, geological maps, and background articles from both primary and secondary literature about the significance of the places we saw, amplified by lectures in the bus. At each stop we were given materials specific to the sites. In all, the trip was an excellent introduction to the significant history of the geological sciences in northern Italy.

**KUDOS:** **Ken Bork** is the newly elected Secretary-General of Inhigeo. The new program director for NSF Science and Technology Studies (includes history and philosophy of science) is **Ron Rainger** of Texas Tech. Ron is a historian of oceanography these days (working on Scripps Inst.) but earlier on wrote a biography of Henry Fairfield Osborn and still is interested in the history of paleontology.

#### **NEW BOOKS:**

*Murchison's Wanderings in Russia*, Edited by Michael Collie and **John Diemer**, has been published by the British Geological Survey in July of 2004. The book is an annotated edition of Murchison's autobiographical journal account of his fieldwork in Russia during the years 1840 and 1841. The annotations and maps help the reader decipher the routes Murchison took, the geologic problems he was working on, and the people he worked with and met during his travels. The book is hardbound and illustrated with woodcuts and lithographs reproduced from Murchison's major publication, *The Geology of Russia* (1845, John Murray). This edition has a pocket in the back where the cross-sections and geologic map from *The Geology of Russia* are reproduced in color and at full scale. The cost is £40. Advertising copy for the book can be viewed at the British Geological Survey bookstore website at <http://www.bgs.ac.uk/bookshop/product.cfm?id=MWIR> .

The Bath Royal Literary & Scientific Institution (BRLSI), 16-18 Queen Square, Bath BA1 2HN, UK

**The "Memoirs of William Smith, LL.D.", author of the Map of the Strata of England and Wales, by his nephew and pupil, John Phillips FRS FGS**

has been reprinted by the Institution from the original copy presented to BRLSI by the author.

The book outlines William Smith's working life, firstly in the Bath area, and afterwards throughout the UK, and is an extraordinary story that evolved through many phases. He travelled all round Britain and gathered data towards his pioneering geological map of Britain, first drafted in 1801 as "A General Map of Strata found in England and Wales, by William Smith, surveyor", and eventually published in 1815. He lived to see the final vindication of his skills and ideas, ending in acclaim and endorsement as "the Father of English Geology". The original book has c.150 pages, and was written by his nephew and assistant, John Phillips, himself an eminent geologist. *Three important additions* are included in the reprinted volume, by the leading authority on William Smith, Professor Hugh Torrens of Keele University, England:

- \* An introduction & general overview of the eventful life of William Smith;
- \* The William Smith lecture, given to the Geological Society of London in 2000; and
- \* A full *triple* index (People, Place, and Subject), to create a valuable reference tool.

The book is a **hardback**, 210 x 145mm, with 288 pages including 30 illustrations, printed on 100gsm white paper, and is bound in grey with blue and white titles. The price is **£18.00 (sterling) plus postage**.

If you would like to own a copy of "The Memoirs of William Smith", please **complete the ORDER FORM below** -

History of Geology/GSA Newsletter

|                                   |  |                          |  |
|-----------------------------------|--|--------------------------|--|
| <b>My full name is:</b>           |  |                          |  |
| <b>My full postal address is:</b> |  |                          |  |
| <b>My email address is:</b>       |  |                          |  |
| <b>My telephone number is:</b>    |  | <b>My fax number is:</b> |  |

|  |   |     |
|--|---|-----|
| Please send me _____ copies of the book at <b>£18.00</b> for each copy |   | = £ |
| <b>ADD postage &amp; packing for each copy</b>                         | <b>UK:</b> £3.10 <b>ZONE 1 (USA etc.):</b> £7.45<br><b>Europe:</b> £3.75 <b>ZONE 2 (ASIA etc.):</b> £8.20   | = £ |
| <b>TOTAL COST</b>  |   | = £ |
| <b>To pay</b>  | <i>Either post</i> this order form with cheque <b>payable to BRLSI'</b> in £ (drawn on a <u>British</u> bank)   |     |
|  | <i>Or</i> complete the details below for <u>credit or debit card payment</u> , and (1) post (2) <u>e-mail</u> or (3) <u>fax</u> this form back to us, or (4) <u>telephone</u> (e-mail, phone & fax numbers below) |     |

|                             |                   |
|-----------------------------|-------------------|
| <b>EXACT NAME on card</b>   |                   |
| <b>Card NUMBER</b>          |                   |
| <b>Card EXPIRY DATE</b>     | (e.g. 12/05)      |
| <b>Card VALID FROM DATE</b> | (e.g. 11/02)      |
| <b>Card ISSUE NUMBER</b>    | (for debit cards) |

*It would help BRLSI to know a little more about you*

|                                   |  |
|-----------------------------------|--|
| My occupation is:                 |  |
| My reason for buying the book is: |  |

**and send to: BRLSI, 16-18 Queen Square, Bath BA1 2HN, United Kingdom**

Telephone: +44 (0)1 225 312084; fax: +44 (0)1 225 442460; Web site: [www.brslsi.org](http://www.brslsi.org) ; e-mail: [admin@brslsi.org](mailto:admin@brslsi.org) .

*Please help us by passing copies of this form on to other people who may be interested.*

## HISTORY OF GEOLOGY AWARD FOR 2005 CALL FOR NOMINATIONS

The History of Geology Division makes 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 February 1 each year. Nominations should be sent to Bill Brice, Secretary-Treasurer, at the address given below.

### Former Awardees

|                              |                               |                           |
|------------------------------|-------------------------------|---------------------------|
| 1982 George W. White         | 1990 Gordon Y. Craig          | 1998 Hatten S. Yoder, Jr. |
| 1983 Claude C. Albritton, Jr | 1991 William A. S. Sarjeant   | 1999 David R. Oldroyd     |
| 1984 Mary C. Rabbitt         | 1992 Michele L. Aldrich       | 2000 Hugh Torrens         |
| 1985 Cecil J. Schneer        | 1993 Martin Guntau            | 2001 Walter O. Kupsch     |
| 1986 Ursula B. Marvin        | 1994 François Ellenberger     | 2002 Dennis Dean          |
| 1987 Martin J. S. Rudwick    | 1995 Robert H. Dott, Jr.      | 2003 Ellis Yochelson      |
| 1988 Stephen Jay Gould       | 1996 Gordon L. Herries Davies | 2004 Stephen G. Brush     |
| 1989 Albert V. Carozzi       | 1997 Kennard B. Bork          | 2005 ??                   |

### 2004 History of Geology Division Officers

CHAIR: Charles W. Byers, Dept of Geology & Geophysics, University of Wisconsin, Weeks Hall, 1215 W. Dayton Street, Madison, WI 53706-1692; (608) 262-8960 (dept); (608) 262-0693 (fax); cwbyers@geology.wisc.edu .

FIRST VICE-CHAIR: Ed Rogers, PO Box 455, Poncha Springs, CO 81242; erogers@geology-books.com .

SECOND VICE-CHAIR: Gary D. Rosenberg, Dept of Geology, Indiana University-Purdue University, 723 W. Michigan Street, SL118, Indianapolis, IN 46202; (317) 274-7468 (office); (317) 274-7484 (dept); (317) 274-7966 (fax); grosenbe@iupui.edu .

SECRETARY-TREASURER-EDITOR: William R. Brice, University of Pittsburgh at Johnstown, Geology & Planetary Science, Johnstown, PA 15904; (814) 269-2942; (814) 269-2022 (fax); wbrice@pitt.edu .

PAST CHAIR: Roger D.K. Thomas, Franklin & Marshall College, Dept of Earth & Environment, PO Box 3003, Lancaster, PA 17604-3003; (717) 291-4135; (717) 291-4186 (fax); roger.thomas@fandm.edu .

WEB MASTER: Hugh Rance, 4310 Kissena Blvd, 11 H, Flushing, NY 11355; hughrance@rcn.com .

### TABLE OF CONTENTS

|  |   |
|--|---|
| GSA Denver HoG and HESS Sessions . . . . .         | 1 |
| Upcoming Meetings . . . . .                        | 4 |
| Past Meetings . . . . .                            | 5 |
| Kudos . . . . .                                    | 6 |
| New Books . . . . .                                | 6 |
| Order "Memoirs of William Smith" . . . . .         | 7 |
| Call for Award Nominations . . . . .               | 8 |
| GSA History of Geology Division Officers . . . . . | 8 |