From the Geological Association of Canada to GSA Members

by J. Alan Coope, GAC president 1985–1986

The Geological Association of Canada is Canada's national society for the geosciences. Our members come from all branches of the profession, in Canada and in many other countries. The GAC has specialist divisions for environmental earth sciences, geophysics (Canadian Geophysical Union), mineral deposits, palaeontology, Precambrian geology, sedimentology (Canadian Sedimentology Research Group), structural geology and tectonics, and volcanology. There are also regional sections in Victoria (Pacific), Vancouver (Cordilleran), Edmonton, Winnipeg, and Newfoundland. Affiliated to the GAC are the Atlantic Geoscience Society, the Canadian Quaternary Association, and the Toronto Geological Discussion Group.

The Association sponsors national and regional meetings, field trips, short courses, lecture tours, student prizes, and professional awards and grants. Many of these activities are centered about the GAC's annual meeting held jointly with the Mineralogical Association of Canada. Most divisions, sections, and affiliates also hold their own meetings. The GAC has a long record of cooperation with GSA in this respect, having held joint annual meetings twice in Toronto. The GAC's Cordilleran Section met last year in Vancouver jointly with the Cordilleran Division of GSA.

The GAC maintains liaison with other earth science societies in Canada (directly or through the Canadian Geoscience Council), appoints representatives to national and international scientific organizations (such as NACSN) and provides advice on geological issues to government and to the general public. GAC has a very active publication program, which includes two quarterly periodicals - *Geoscience Canada*, its science journal, and *Geolog*, an informal newsletter. The GAC has also adopted the *Canadian Journal of Earth Sciences* (published by Canada's National Research Council) as its principal medium for publication of scientific papers.

The GAC, which was founded in 1947, is governed by a Council and officers elected annually. Following Canadian tradition, the Sections and Divisions operate more or less independently, while maintaining strong ties with the national organization. The GAC operates from a national headquarters now based at Memorial University of Newfoundland.

There are several categories of membership in the GAC. Fellows have a Bachelor of Science degree in geology or a closely related field and five years post-B.Sc. experience, and Associates include students, those with B.Sc. degrees but less than 5 years of experience, and those with more than 5 years of experience who do not qualify as members. There are also Life, Retired, Honorary, and Corporate (institutional) members. Fellow status in GAC is regarded by many Canadian organizations as an indication of professional standing.

Membership in the GAC brings 12 issues annually of the *Canadian Journal of Earth Sciences*, four issues each of *Geoscience Canada*, and *Geolog*, a copy of the Program and Abstracts volume for the annual meeting with the Mineralogical Association of Canada, reduced prices for other GAC publications, reduced registration fees for many meetings, field trips, and short courses, and the chance to participate in the activities of regional sections and specialist divisions. The dues (in Canadian funds) for 1986 are as follows: Fellows—$55, Students—$30, Associates with less than 5 years post-B.Sc. experience—$47, with more than 5 years—$55. At current exchange rates, these dues in US currency work out at close to $39, $21, $33, and $39, respectively.

Many Canadian geologists are members of both GSA and GAC, and we invite all GSA members to join our Association. Application forms and further information can be obtained from our national head office: Geological Association of Canada, Dept. of Earth Sciences, Memorial University of Newfoundland, St. John's, Newfoundland A1B 3X5, Canada.
## CONTINENT-OCEAN TRANSECTS

Each transect contains all or most of the following information: Free-air gravity and magnetic anomaly profiles, heat flow measurements, geologic cross section with no vertical exaggeration, multi-channel seismic reflection profiles, tectonic kindred cross section with vertical exaggeration, geologic map, stratigraphic diagram, an index map. All transects are on a scale of 1:500,000 and include a text and file envelope.

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<thead>
<tr>
<th>Transect</th>
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<td>B-1</td>
<td>Intermontane Belt (Skeena Mountains) to Insular Belt (Queen Charlotte Islands)</td>
<td>C.J. Yorath, G.J. Woodsworth, R.P. Riddihough, R.G. Currie, R.D. Hyndman, C.G. Rogers, D.A. Seemann, A.D. Collins</td>
<td>1985</td>
<td>Rolled $17.00; folded $15.00</td>
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<td>B-2</td>
<td>Juan de Fuca Plate to Alberta Plains</td>
<td>J.W.H. Monger, R.M. Clowes, R.A. Price, P.S. Simony, R.P. Riddihough, G.J. Woodsworth</td>
<td>1985</td>
<td>Rolled $17.00; folded $15.00</td>
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<td>C-3</td>
<td>Pacific Abyssal Plain to the Rio Grande Rift</td>
<td>J.D. Gibson, D.G. Howell, G.S. Fuiss, J.G. Vedder</td>
<td>1985</td>
<td>Rolled $24.50; folded $22.50</td>
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## CENTENNIAL SPECIAL VOLUMES

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THE GEOLOGICAL SOCIETY OF AMERICA
CENTENNIAL NEWS
by Allison (Pete) Palmer

DNAG Master Publication Schedule Set for 1986

Development of the DNAG Project has gone through several phases and has now reached the point where a specific publication schedule is necessary. In mid-February, this schedule was finally fixed, and all authors for chapters in volumes of *The Geology of North America* to be published by GSA in 1986 were sent special notices of the deadlines that are required by this schedule. Earlier promised completion dates were prior to these deadlines. Publication deadlines were also sent to editors of Centennial Field Guides and Centennial Special Volumes promised in 1986.

All volumes of *The Geology of North America* that are to be published by GSA have gone through the following organizational stages. Authors of each volume had an organizational meeting at which they agreed to participate in the volume and to come to a second meeting (Final Coordinating Conference), usually 18-24 months later, with synthesis chapter manuscripts ready for review. Beginning six months before the Final Coordinating Conference, monthly reminders were mailed to all senior authors, reminding them of their commitments to provide reviewable manuscripts and asking them to contact their editors if they anticipated any problems. At the conference, those authors whose chapter manuscripts were not yet completed were asked for new commitment dates, which usually were 2-3 months ahead. Beginning in December 1984, a system of telephone contacts was developed to follow up on all uncompleted commitments as “promise dates” arrived. New agreements to complete assignments were then arranged. For the large majority of DNAG authors, this system has worked reasonably well.

However, the specification of a detailed schedule, particularly for *The Geology of North America*, is now necessary for several reasons: well over 700 members and institutions have ordered DNAG books and maps in response to prepublication purchase offers, based on author promises as of last summer; the production department at GSA must have a clear idea of its upcoming workload and also must be sure that the printer is ready to handle the DNAG work; and finally, dependence on “promises” simply was not working for a number of authors, some of whom indicated that they complete agreements only for “the squeakiest wheel” or when faced with “real” deadlines.

The schedule below is now firm. In subsequent columns, if necessary, you will be informed of those chapters that have not been received by the key deadlines and therefore are delaying scheduled completion of particular DNAG books. This information will reflect conditions at the time of the writing of this column, which is 6 weeks prior to publication and distribution.

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*For volumes of Geology of North America.
Laramide Beneath the Prairies Is Subject of October Penrose Conference

A GSA Penrose Conference, “Laramide Beneath the Prairies,” will be held October 13-17, 1986, in Rapid City, South Dakota. Conveners are Alvis L. Lisenbee, Department of Geological Engineering, South Dakota School of Mines, and George Shurr, Department of Earth Sciences, St. Cloud State University.

The Laramide orogeny is traditionally recognized in the great uplifts and basins of the Rocky Mountain region. Less well known is the fact that “Laramide” deformation and sedimentation are present far to the east and north of the Front Range, Big Horns, etc., beneath younger sedimentary cover or the generally flat topography from the Plains of Alberta to the Big Bend country of Texas.

This conference is intended to bring together industry, academic, and state and federal agency representatives who are studying the geological evolution of various areas of the Prairie foreland province. The many studies to date on the Prairie foreland region are generally of a provincial nature. There is as yet no overview against which workers can compare work in the particular area of their interest with a general framework. Particular attention will be given to defining the timing, structural style, and character of sedimentation in the Prairie foreland.

Active participation will be expected of all who attend. They will share their knowledge with others through talks, poster sessions, or working sessions and through the ongoing exchange of ideas and information on an informal basis throughout the conference.

Prospective participants should send a letter of application that outlines (1) their experience in the topic, (2) areas in which they might expect to contribute, and (3) their reason for wanting to attend the conference to George W. Shurr, Department of Earth Sciences, St. Cloud State University, St. Cloud, Minnesota 56301, (612) 255-2009. Deadline for applications is July 1, 1986.

Students with a research interest in some aspect of Laramide activity in the prairies region are encouraged to apply. We hope to have available limited support for a few qualified graduate students. The registration fee, which has not as yet been established, will cover lodging, meals, and field trip.

Application for participation in a Penrose Conference

Title of Penrose Conference ____________________________

Your name and title ____________________________

Organization ____________________________

Mailing address ____________________________

Street or P.O. Box ____________________________

City and State ____________________________ Zip Code ____________________________

Telephone number ____________________________

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Field of Interest ____________________________

Please state briefly what your interest and experience have been with regard to the conference topic.
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by action of the council has been elected
member
this 30th day of January, 1986
Joan O'Shaughnency

John J. Doe
by action of the council has been elected fellow
this 30th day of January, 1986
Joan O'Shaughnency
GSA Divisions and Sections

1986

DIVISIONS

GSA's ten specialty divisions provide a focus for members interested in a particular discipline. The divisions hold annual business meetings in conjunction with the Society's annual meeting, and each division publishes a newsletter periodically. Division membership totals are as of December 31, 1985.

Archaeological Geology
Members: 533
Officers: Charles J. Vitaliano, chairman; John A. Gifford, first vice-chairman; Fekri A. Hassan, second vice-chairman; Vance T. Holliday, secretary-treasurer; David M. Hopkins, past chairman

Coal Geology
Members: 563
Officers: C. Blaine Cecil, chairman; Daniel J. Casagrande, first vice-chairman; Frederick J. Kuellmier, second vice-chairman; James C. Cobb, secretary; Edwin R. Landis, past chairman

Engineering Geology
Members: 1,170
Officers: David M. Cruden, chairman; Christopher C. Mathewson, chairman-elect; Ellis L. Krinitzsky, secretary; Robert L. Schuster, past chairman

Geophysics
Members: 813
Officers: William E. Bonini, chairman; Bryan L. Isacks, first vice-chairman; Mary Lou Zoback, second vice-chairman; William D. MacDonald, secretary-treasurer; Nikolaus I. Christensen, past chairman

History of Geology
Members: 473
Officers: J. Thomas Dutro, Jr., chairman; William M. Jordan, first vice-chairman; Leo F. Laporte, second vice-chairman; Michele L. Aldrich, secretary-treasurer; Joseph T. Gregory, past chairman

Hydrogeology
Members: 1,352
Officers: William Back, chairman; Wayne A. Pettyjohn, first vice-chairman; John M. Sharp, Jr., second vice-chairman; Phyllis M. Garman, secretary-treasurer; Grover H. Emrich, past chairman

Planetary Geology
Members: 482
Officers: Victor R. Baker, chairman; Arden L. Albee, first vice-chairman; James W. Head III, second vice-chairman; Theodore A. Maxwell, secretary-treasurer; Donald U. Wise, past chairman

Quaternary Geology & Geomorphology
Members: 1,492
Officers: Gail M. Ashley, chairman; Victor R. Baker, first vice-chairman; James C. Knox, second vice-chairman; Richard F. Madole, secretary; Donald F. Eschman, past chairman

Sedimentary Geology
Members: 854
Officers: George DeVries Klein, chairman; Robert Raymond, Jr., first vice-chairman; Lee J. Suttner, second vice-chairman; Robert H. Osborne, secretary-treasurer

Structural Geology & Tectonics
Members: 2,411
 Officers: Winthrop D. Means, chairman; John H. Spang, first vice-chairman; Gregory A. Davis, second vice-chairman; George H. Davis, secretary-treasurer; Robert S. Yeats, past chairman

SECTIONS

GSA has six regional North American sections, generally including GSA members who live within the geographical limits of each section. (Members who live in one section but have a professional interest in another section can become members of the section of interest.) Each section holds annual technical and business meetings. The number of voting members shown for each section is as of December 31, 1985.

Cordilleran
Voting members: 3,232
Geographic area: Alaska, Arizona south of lat 35°N, California, Hawaii, Nevada, Oregon, Washington, British Columbia, Yukon, Northwest Territories
Officers: J. Lawford Anderson, chairman; Warren B. Hamilton, vice-chairman; Bruce A. Blackerby, secretary; Richard L. Armstrong, past chairman

Rocky Mountain
Voting members: 2,099
Geographic area: Arizona north of lat 35°N, Colorado, Idaho, Montana, New Mexico, North Dakota, South Dakota, Utah, Wyoming, Alberta, Saskatchewan
Officers: Mary J. Kraus, chairman; Edwin E. Larson, vice-chairman; Kenneth E. Kolm, secretary; Stanley S. Beus, past chairman; David M. Best, past vice-chairman

North-Central
Voting members: 1,079
Geographic area: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Nebraska, Ohio, Wisconsin, Manitoba, Ontario west of 89th meridian
Officers: Peter J. Hudleston, chairman; Robert E. Sloan, vice-chairman; Kenneth G. Brill, Jr., secretary; Richard A. Heimlich, past chairman; Rodney M. Feldmann, past vice-chairman

South-Central
Voting members: 1,567
Geographic area: Arkansas, Kansas, Oklahoma, Texas
Officers: John D. McFarland III, chairman; Rena M. Bonen, vice-chairman; Page C. Twiss, secretary-treasurer; Robert C. Morris, past chairman (deceased)

Northeastern
Voting members: 2,015
Officers: Harold W. Borns, Jr., chairman; Peter Robinson, vice-chairman; Kenneth N. Weaver, secretary; John B. Lyons, past chairman

Southeastern
Voting members: 1,505
Geographic area: Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, West Virginia
Officers: Walter H. Wheeler, chairman; Randall S. Spencer, vice-chairman; Stephen H. Stow, secretary-treasurer; Gilles O. Allard, past chairman; Robert W. Deininger, past vice-chairman

GSA NEWS & INFORMATION, May 1986 87
Call for Papers: Sinkholes and Karst

The 2nd Multidisciplinary Conference on Sinkholes and the Environmental Impacts of Karst will be held February 9-11, 1987, in Orlando, Florida. This meeting is a continuation of the interdisciplinary communication initiated at the First Multidisciplinary Conference on Sinkholes in 1984. The banquet speaker for the 1987 meeting will be Yuan Daoxian, director of the Karst Institute in Guilin, China, who will speak on environmental problems of karst geology in China. A field trip to the west coast area of Florida's classic karst will precede the meeting.

Technical papers and case studies are invited on the following broad subjects: geology and engineering studies of karst areas, with emphasis on sinkholes and other practical aspects; hydrogeology and environmental problems of karst; international examples of applied karst geology and hydrology; specific engineering considerations of karst terrane; any additional related topics.

Abstracts are due by August 15, 1986, and full manuscripts will be required by November 14, 1986. As before, the professionally bound and printed proceedings volume will be distributed at the meeting. Prospective contributors should submit a tentative title as soon as possible to Barry F. Beck, Director, Florida Sinkhole Research Institute, College of Engineering, University of Central Florida, Orlando, FL 32816.

GSA Fellows Head Society for Organic Petrology

Three GSA Fellows head the list of 1986 officers for the three-year-old Society for Organic Petrology (TSOP). They are President John R. Castano, Shell Development, Houston; Vice-President Neely H. Bostick, U.S. Geological Survey, Denver; and President-Elect John C. Crotting, Southern Illinois University, Carbondale. For more information about TSOP, write or call John Castano, Shell Development Company, P.O. Box 481, Houston, TX 77001; (713) 663-2630.

GSA REVIEWS IN ENGINEERING GEOLOGY VI
MAN-INDUCED LAND SUBSIDENCE
Edited by Thomas L. Holzer

Every earth scientist should be keenly interested in the timely and important subject of this GSA volume. Land subsidence has been caused by man in at least 37 states of the U.S.A. It affects an aggregate area of more than 40,000 km² and may cost the nation as much as $100 million annually.

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Late Pleistocene History of Northeastern New England and Adjacent Quebec
edited by Harold W. Borns, Jr., Pierre LaSalle, and Woodrow B. Thompson, 1985
13 papers dealing with the timing and models for the late Wisconsinan glaciation of New England and adjacent Quebec. Special Paper 197, x + 159, illustrated, ISBN 0-8137-2197-0, CIP paperback.................... $22.50

Characterization and Interpretation of Rock Mass Joint Patterns
by P.R. La Pointe and J.A. Hudson, 1985
New techniques for quantifying and analyzing the geometry of joint patterns are developed. Special Paper 199, viii + 37, illustrated, ISBN 0-8137-2199-7, CIP paperback......................... $10.50

The Catskill Delta
edited by Donald L. Woodrow and William D. Sevon, 1985
The authors of the 19 chapters present either new ideas involving plate tectonics, paleogeography, and depositional models or sedimentologic and paleobiologic concepts not emphasized until recent years. Special Paper 201, vii + 246, illustrated, ISBN 0-8137-2201-2, CIP paperback......................... $32.00

Melanges: Their Nature, Origin, and Significance
edited by Loren A. Raymond, 1984
This volume provides images of the nature of melanges, discussion of possible origins, and comments on the significance of melanges. Special Paper 198, vi + 170, illustrated, ISBN 0-8137-2198-9, CIP paperback.................... $22.00

Tectonic Evolution of a Forearc Terrane, Southern Scotia Ridge, Antarctica
by Ian W. D. Dalziel, 1984
The author presents the results of structural studies, and conclusions are drawn about the structural evolution of the forearc terrane and the tectonic evolution of the southern Scotia Ridge. Special Paper 200, vi + 32, illustrated, ISBN 0-8137-2200-4, CIP paperback......................... $ 9.00

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IN MEMORIAM

William L. Effinger
Walnut Creek, California
July 24, 1985

Harry S. McQueen
Houston, Texas
January 4, 1986

A. Myra Keen
Santa Rosa, California
January 4, 1986

Frank Reeves
Paris, Virginia
January 24, 1986

Paul R. Schlugar
Denver, Colorado
February 9, 1986

Memorial Preprints

The following memorial preprints are now available, free of charge, by writing to GSA, P.O. Box 9140, Boulder, CO 80301.

Bertrand Tyrrell Denis, by Freleigh Fitz Osborne
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and Campbell Craddock
Frank Clingon Foley, by William W. Hambleton
Linn Hoover, by Robert D. Brown
Ernest Howard Lund, by Lloyd W. Staples
William Thomas Rothwell, Jr., by Paul H. Dudley
David R. Wones, by Paul C. Bateman
MEETINGS

1986
Forum on Global Sedimentary Geology—Challenges and Opportunities, May 3-4, 1986, Bloomington, Indiana. Information: Lee J. Suttner, Dept. Geology, Indiana University, Bloomington, IN 47405; (812) 335-4957.


49th Annual Northeastern Friends of the Pleistocene meeting and field trip, May 23-25, 1986, Fort Kent, Maine. Information: J. S. Kite, Dept. of Geology and Geography, University of West Virginia, Morgantown, WV 26505; (304) 293-5603.


Third International Conference on Geoscience Information, June 1-5, 1986, Adelaide, Australia. Information: Secretary, Organizing Committee ICGI, Australian Mineral Foundation, PB97, Glenoside, South Australia 5065, Australia.


27th U.S. Symposium on Rock Mechanics, June 23-25, 1986, University, Alabama. Information: Howard L. Hartman, Dept. of Mineral Engineering, University of Alabama, P.O. Box 1468, University, AL 35486; (205) 348-6578.

(continued on p. 92)
MEETINGS (continued)

6th International Conference on Geochronology, Cosmo-
chronology and Isotope Geology, June 30-July 4, 1986, Cam-
bridge, England. Information: Organising Committee, Sixth Inter-
national Conference, Dept. of Earth Sciences, University of Cam-
bidge, Downing St., Cambridge CB2 3EQ, England.


International Field Conference on Proterozoic Geochem-

Deep Seismic Reflection Profiling of the Continental Litho-


International Symposium on Natural and Man-made Haz-
ards, August 3-9, 1986, Rimouski, Quebec, Canada. Information: Mohammed El Sebh, Dept. d’oceanographie, Université du Qué-
cbec à Rimouski, 310, avenue des Ursulines, Rimouski, Québec G5L 3A1, Canada; (418) 724-1755; Telex 051-31623.

Symposium on Intermontane Basins: Sedimentology, Tec-

Third International Humic Substances Society Meeting, August 4-8, 1986, Oslo, Norway. Information: Egil Giessing, Norwegian Institute for Water Research, P.O. Box 333, Blindern, Oslo 3, Norway, or Wesley L. Campbell, IHSS Standards & Reference Committee, 5293 Ward Rd., Arvada, CO 80002; (303) 236-3615.


Energy Resources in Asia, August 11-14, 1986, Hong Kong. Information: Asian Research Service, G.P.O. Box 2232, Hong Kong.

Fourth International Kimberlite Conference, August 11-15, 1986, Perth, Western Australia. Information: J. D. Lewis, Geo-
(continued)
MEETINGS (continued)

Logical Survey of Western Australia, Mineral House, 66 Adelaide Terrace, Perth, Western Australia.


Friends of the Pleistocene, Midwest Club, August 15-17, 1986, Lawrence, Kansas. Information: W. C. Johnson, Dept. Geography, University of Kansas, Lawrence, KS 66045; (913) 864-5143.


Iberian Terranes and Their Regional Correlation, September 1-6, 1986, Oviedo, Spain. Information: E. Martinez-Garcia, Dept. de Geotectonica, Facultad de Geologia, Universidad de Oviedo, 33005 Oviedo, Spain.


Geothermal Resources Council Annual Meeting, September 29-October 1, 1986, Palm Springs, California. Information: Geothermal Resources Council, P.O. Box 1350, Davis, CA 95617; (916) 758-2360.


American Association of Stratigraphic Palynologists Annual Meeting (with Congres Internationale du Microflore Palaeozoique), October 29-31, 1986, New York, New York. Information: Dan Habib, Graduate School of City University of New York, 33 West 42nd St., New York, New York 10036; (212) 790-4218.


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CORRECTION


GSA NEWS & INFORMATION, May 1986
MEETINGS (continued from p. 93)

GSA 1986
Executive Committee, May 15
Audit Committee, May 15
Section Treasurers, May 15
Council, May 16
Program Review Committee, July 17
Joint Technical Program Committee, July 18
Annual Meeting, November 10–13, 1986, San Antonio, Texas

Penrose Conferences
The Penrose Conference on Reeval Development ion a Terrigenous Province, scheduled for May 17–21, 1986, Veracruz, Mexico (conveners: Paul R. Krutak and Raul Gio-Artega), has been canceled.


Migmatites and Crustal Melting, June 8–13, 1986, Amherst, Massachusetts. Information: Robert J. Tracy, Dept. of Geology and Geophysics, Yale University, New Haven, CT 06511; (203) 436-3539.

Mechanisms of Reservoir Diagenesis and Their Geological Constraints, June 8–13, 1986, Cannes, France. Information: G. Michel Lafon, EXXON Production Research Company, P.O. Box 2189, Houston, TX 77252-2189; (713) 965-4686.

Synsedimentary Tectonics, September 7–12, 1986, Durango, Colorado. Information: William A. Thomas, Dept. of Geology, University of Alabama, University, AL 35486; (205) 348-1880.

Laramide Beneath the Prairies, October 13–17, 1986, Rapid City, South Dakota. Information: Alvis L. Lisenbee, Dept. of Geological Engineering, South Dakota School of Mines, Rapid City, SD 57701; (605) 394-2463 or 2461.

Archaeological Geology: Environmental Siting and Material Usage, December 7–12, 1986, Saint Simons Island, Georgia. Information: Charles J. Vitaliano, Dept. Geology, Indiana University, 1005 East Tenth Street, Bloomington, IN 47405; (812) 335-1407.

Computer Oriented Geological Society
Selects 1986 Board of Directors
GSA Member Douglas C. Peters, U.S. Bureau of Mines, Denver, has been re-elected to the Board of Directors of the Computer Oriented Geological Society (COGS) for 1986 and will serve this year as Director-at-Large. Peters was President of COGS in 1985. Also elected to the Board of COGS for 1986 are President—F. Jay Phillips, Vice-President—James Reed, Treasurer—Carol Peterson, Secretary—Stephen A. Krajewski. For information about COGS, write to Computer Oriented Geological Society, P.O. Box 1317, Denver, CO 80201-1317.

SEPM Section Elects Officers
The Mid-Continent Section of the Society of Economic Paleontologists and Mineralogists has elected the following officers for 1986: President—William A. Morgan, Ponca City, Oklahoma; President-Elect—Walter L. Manger, Fayetteville, Arkansas; Treasurer—Doy L. Zachry, Fayetteville; and Secretary—Shirley P. Dutton, Austin, Texas. Morgan, Manger, and Dutton are SEPM Members; Zachry is a SEPM Fellow. The SEPM Mid-Continent Section includes Arkansas, Iowa, Kansas, Kentucky, Missouri, Nebraska, Oklahoma, Tennessee, and the Texas Panhandle.

1987


International Symposium on Granites and Associated Mineralizations, January 21–31, 1987, Salvador, Brazil. Information: Augusto J. Pedreira, ISGAM, SME CPM, Rua Ceara, 3-Pituba, 40.000, Salvador, Bahia, Brazil.

Canadian Reef Research Symposium, January 27–30, 1987, Banff, Alberta, Canada. Information: Canadian Reef Research Symposium, University of Calgary, Conference Office, 2500 University Dr. N.W., Calgary, Alberta T2N 1N4, Canada.


Coastal Sediments '87, May 12–14, 1987, New Orleans, Louisiana. Information: Nicholas C. Kraus, USAE Waterways Experiment Station, Coastal Engineering Research Center, P.O. Box 631, Attn. WESCPR-Vicksburg, MS 39180-0631.


Sixth International Congress on Rock Mechanics, August 31–September 3, 1987, Montreal, Quebec, Canada. Information: J. Franklin, Dept. of Earth Sciences, University of Waterloo, Waterloo, Ontario N2L 3G1, Canada.


Society of Economic Paleontologists and Mineralogists Fourth Annual Midyear Meeting, September 11–14, 1987, Austin, Texas. Information: SEPM, P.O. Box 4756, Tulsa, OK 74159; (918) 743-9765.


GSA 1987
Penrose Conferences


Annual Meeting, October 26–29, Phoenix, Arizona
Ads (or cancellations) for the July issue must reach the GSA office by May 15. Contact Advertising Department (203) 447-2020.

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EXPERIENCED GEOLOGIST. Science Educator seeks a position in undergraduate instruction, training, or public relations. Background includes graduate degrees in geology, science education, and instructional systems technology. Experienced in mineralogy, geophysics, and stratigraphy as well as metal and message design. An innovator looking for a new challenge. Resume upon request. Reply code #1033.

 GEOLOGIST: Petroleum-mineral exploration. 46, Ph.D. with 14 years solid field/project management experience in diverse terranes. Seeks a position in a college or university where good teaching and advising students comes first. Reply code #1033.

Challenge oriented Sr. mineral explorationist. MSc with 14 years solid field/project management experience in diverse terranes. Seeks a position in a college or university where good teaching and advising students comes first. Reply code #1033.

GEOPHYSICIST, BS Texas Maritime Academy, 6 years experience processing land & marine seismic data, marine field experience French and American, computer programming, relocate. Reply code #1035.

POSITIONS OPEN

PALEONTOLOGIST

The Department of Geology of the University of Oregon invites applications for a faculty position as Visiting Assistant Professor in the general area of paleontology. Appointment at a higher rank will be considered only in the case of applicants desiring this position during their sabbatical leave from their own institution. The exact area of expertise is less important than are demonstrated and potential achievement in research and teaching. The department currently includes two paleontologists, two additional faculty in allied areas of sedimentary geology and five participating faculty from other departments. In addition to a variety of laboratory facilities for modern paleontological research, the department maintains the Condor Collection, Oregon's leading collection of fossils, rich in type material of terrestrial mammals. This position is initially for four academic terms, September 1986 to December 1987, after which it will be reconsidered. The deadline for applications is April 15, 1986, but late applications will be considered until the position is filled. Candidates should send an outline of their research and teaching aims, together with the names, addresses, and telephone numbers of three referees, a curriculum vitae and three professional publications to Dr. R.J. Redfield, Department of Geology, University of Oregon, Eugene OR 97403. Minimum salary $24,000.

The University of Oregon is an equal opportunity/affirmative action institution.

MASTERS DEGREE RESEARCH ASSISTANTSHIPS/FELLOWSHIPS

Geology, Geophysics, and Sedimentology. The Department of Geologic Sciences and the Tennessee Earthquake Information Center, Memphis State University, have a number of new full-time Masters Program research assistantships and fellowships available in the Fall, 1986, for well qualified students. This is an opportunity to join an expanding program with new faculty and new research projects. Fields of emphasis include regional tectonics, tectonic geomorphology, seismology, and continental crustal studies. Half-time stipends start at $850/mo.: full time summer stipends are $1500. For information contact: Tennessee Earthquake Information Center, Memphis State University, Memphis, TN 38119.

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GEOPHYSICIST

UNIVERSITY OF TENNESSEE-KNOXVILLE

The Department of Geologic Sciences, University of Tennessee-Knoxville, invites applications for a tenure track position in geophysics (Assistant Professor level) to be filled January, 1987, or as soon thereafter as possible. Applicants should have a Ph.D. degree and interest in initiating a strong research program in crustal structure and tectonics, and both graduate and undergraduate teaching. Preference will be given to applicants with interests in seismic reflection profiling and potential fields (gravity and magnetism). The University of Tennessee is located in a classic region for research into the structure of orogenic belts and evolution of continental crust. Excellent computing and other facilities are available at the University and nearby Oak Ridge National Laboratory. The University has agreed to provide the salary needed to attract the best candidate. Application deadline is April 15, 1986. Send resume, list of references, and three letters of recommendation to: Geophysics Search Committee, Department of Geological Sciences, University of Tennessee, Knoxville, TN 37916. UTK is an EEO/Title IX/Section 504 Employer.

DIRECTOR OF THE KANSAS GEOLOGICAL SURVEY AND STATE GEOLOGIST

Salary negotiable. Position available January 1, 1987. Later starting date is negotiable. The Kansas Geological Survey is a division of the University of Kansas, Lawrence with 75 full-time, professional and support staff and 57 student employees. The Survey is a research, development and service organization engaged in land-use, water, energy and mineral resource assessments in the State. Survey programs are an integrated endeavor by geologists, geophysicists, geochemists, geophysicists and computer specialists in research activities of both basic and applied nature. While the Survey has no regulatory function, it provides crucial input for decisions by the State legislature and maintains extensive research data and publications for access by industry and public.

The Director will work actively to sustain and enhance the environment for creative research and service of the Kansas Geological Survey to meet the needs of the State and profession and to anticipate future problem areas. Must work and communicate effectively with the public, government officials, industry and the university community.

Requirements include Ph.D. in geosciences, at least 10 years of professional experience in the geosciences, and minimum two years administrative experience.

To apply send letter, complete resume, and names, addresses, and telephone numbers of three references to Lila Watkins, Personnel Manager, Kansas Geological Survey, 1520 Con- stant Avenue, University of Kansas, Lawrence, Kansas 66046-2598. 913-864-3965. Complete announcement on request. Full consideration will be given to applications received on or before June 30, 1986. Review of applications will begin on 6/30/86. Subsequent reviews will be every two months thereafter until final selection is made.

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A new GSA Special Paper by A.M.C. Şengör, the product of his long-standing interest in Tethyan problems.

With this work, Şengör hoped to fill an important gap he saw in the regional tectonic literature of Eurasia, namely a synthetic overview of the early history of the Alpine-Himalayan mountain ranges and its expected implications for the "Tethyan paradox," first brought into focus by Alan Smith of Cambridge.


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**THE GEOLOGICAL SOCIETY OF AMERICA**

**June 13 is Abstracts Deadline for the Annual Meeting in San Antonio.**

Abstracts must be typed on 1986 abstract forms, available from Abstracts Secretary, Geological Society of America, P.O. Box 9140, Boulder, CO 80301 [or call (303) 447-8850]. Volunteered abstracts should be mailed to the same address in time to arrive on or before June 13, 1986.

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