

The Lattice

Vol. 4, No. 4, November 1988

Council Recognizes Contributions With Awards, Fellowship, and Scholarships



At its two November meetings in Denver, MSA Council approved recommendations that Helen D. Megaw of Cambridge (retired) be awarded the 1989 Roebling Medal and Michael A. Carpenter (Cambridge) receive the 1989 MSA award. The Roebling Medal, MSA's highest award for eminence as represented by outstanding original research, will be presented to Dr. Megaw at the St. Louis GSA meeting for her numerous contributions to feldspar crystallography and crystal chemistry. Topics of Dr. Megaw's research have included feldspars, ferro-electrics such as barium titanite and perovskite, interpretations of physical properties based on structure, and elucidation of order/disorder and exsolution behavior in minerals using various experimental and theoretical approaches combined with TEM observations of microstructures.

Council voted to accept the recommendations of the Research Grant Committee and make two Mineralogy/Petrology Research Grant Awards for 1989. Recipients are Nancy



Elizabeth Brown of Princeton University and Jillian Fiona Banfield of Johns Hopkins. Ms. Brown's proposed research involves measurement of thermodynamic mixing properties of the solid solution hematite-ilmenite as a function of structural state and chemical composition. Ms. Banfield's proposed research addresses the effects of exsolution, oxidation, and crystal defects in natural oxide minerals on the magnetic susceptibility and coercivity of rocks.

Council also approved Fellowship status for the following Members of the Society: W. L. Brown, J. B. Gill, A. M. Kudo, W. P. Leeman, R. C. Liebermann, J. Longhi, M. H. Manghnani, M. T. Naney, J. D. Pasteris, D. W. Rankin, C. M. Scarfe (posthumous), E. B. Watson, E. F. Westrum, Jr., and W. E. Wilson.

FROM THE PAST PRESIDENT

One of the pleasures of completing a term as President is acknowledging the efforts of the many people who take on big responsibilities for this Society and perform them with such distinction. We could not function without them! Many have now served their terms or otherwise finished the task they set out to do, and on behalf of the Society I thank all of them for their good work. Professor Bull Bailey for his second excellent short course "Hydrous Phyllosilicates Exclusive of Micas," Jo Laird for her service in the demanding work as MSA Representative to the Joint Technical Program Committee of GSA, and Henry O.A. Meyer for organizing the very well-attended symposium "Mineralogy of the Mantle" deserve special thanks for making the Denver meeting a success. Thanks everyone!

The Council adopted the proposal of the Futures Committee to implement the MSA Lecture Program during 1989. Peter R. Buseck of Arizona State University has agreed to chair the Lecture Committee. He has had experience with the Society of Economic Geology's lecture program and knows how to make our program work. He would especially appreciate suggestions from you as to possible lecturers, and would like to hear from institutions that would like to participate in our programs. It is planned that MSA would pay travel expenses and host institutions would pay only local expenses. Lectures would be aimed at upper-level undergraduate students and beginning graduate students, with the intent to foster wider awareness of current research in mineralogy, petrology, and crystallography. Please help make this new program a success!

Volunteers are needed to prepare abstracts for Mineralogical Abstracts for Geological Society of America Bulletin, Geology, Journal of Geophysical Research, Rocks and Minerals, Southeastern Geology, The Compass of Sigma Gamma Epsilon, Tulsa Geological Society Digest, and the publications of the state Surveys and other mineralogical and geological societies of Illinois, Kentucky, New York, Tennessee, Virginia, and West Virginia. If interested, please contact Prof. Karl Riggs, Dept. of Geology and Geography, Mississippi State University, P.O. Drawer KR, Mississippi State, MS 39762, or phone (601) 325-2910.

David B. Stewart

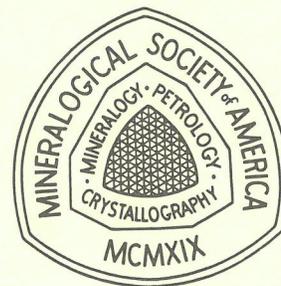
David B. Stewart
1988 President

In Memoriam

We regret to announce the passing of the following MSA members and fellows. The Society extends its condolences to the family and friends of these scientists.

Gottardi, Glauco
Honorary Fellow, 1959

Scarfe, Christopher
Member, 1980



The Lattice is published quarterly (February, May, August, November) by the Mineralogical Society of America. This newsletter is distributed to MSA members as a service. Articles and letters from readers are welcome.

The Mineralogical Society of America is composed of individuals interested in mineralogy, crystallography, and petrology. Founded in 1919, the Society promotes, through education and research, the understanding and application of mineralogy by industry, universities, government and the public.

Membership benefits include: the American Mineralogist, published bi-monthly; 30% discount on volumes in the Reviews in Mineralogy series; The Lattice; Membership Directory; special subscription rates for Mineralogical Abstracts, Physics and Chemistry of Minerals, Journal of Petrology, and Journal of Metamorphic Geology; reduced registration fees at MSA short courses; member rates for the MSA/Geological Society of America annual meeting and for MSA's spring meeting with the American Geophysical Union; participation in a Society that supports the many facets of mineralogy.

Dues for 1989 are \$40 for professional members; \$20 for students. Membership is on a calendar year basis. Individuals who join after January 1, 1989 will be sent all back issues of the journal for volume 74, 1989.

For additional membership information and an application, and/or to receive a price list of the Society's publications, contact the Business Office.

Institutions may subscribe to the 1989 volume of the American Mineralogist for the annual rate of \$150. The subscription price includes any new volumes of the

Reviews in Mineralogy series published during the calendar year of the subscription. Payment must be received in full before a subscription will be started.

1989 President: C.W. Burnham,
Harvard University
Past-President: D.B. Stewart,
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Secretary: Maryellen Cameron, Miami
University of Ohio
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Myers

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Assessment of Prestige and Price of Professional Publications: A Discussion

By David M. Sherman
U.S. Geological Survey
Mail Stop 964
Box 25046 Denver Federal Center
Denver CO 80225

The recent Presidential Address and accompanying article by Ribbe (1988) stated that papers written by employees of the federal government were more likely to be published in the less prestigious (lower impact) journals. Since the U.S. Geological Survey is the largest government Earth science institution, one might get the mistaken impression that Ribbe's remarks also apply to papers published by the U. S. Geological Survey. In fact, mineralogy and petrology papers published by USGS scientists are much more likely to be published in high-impact journals than are papers published by the mineralogy-petrology community as a whole. If one compares USGS papers with those produced by scientists affiliated with American universities only, it is still found, using Ribbe's criteria, that Survey papers have a greater likelihood of being published in the journals with the highest impact.

To illustrate, I undertook a computerized literature search for all papers authored by USGS scientists from 1980 to the present and considered only those journals used in Ribbe's study. The breakdown is shown in Table 1. The numbers in parentheses are the "impact factors" given by Science Citation Index and used by Ribbe in his study. For purposes of this discussion, a mineralogy paper is defined as one published in one of the five mineralogy journals; a petrology paper is one published in the six petrology journals. Among mineralogy papers, it is clear that USGS papers are most likely to be published in the highest-impact American Mineralogist. In fact, 70% of USGS papers on mineralogy are published in that journal.

By contrast, only 33% of mineralogy papers produced by the scientific community as a whole are published there. If we consider only papers produced by American scientists, 67% are published in American Mineralogist; close, but still less, than the proportion of USGS papers. At the other extreme, the fraction of USGS mineralogy papers published in the lowest-impact journals is only 7%. Using Ribbe's data, the fraction of all mineralogy papers published in those journals is 23% (it drops to 11% if only American scientists are considered).

Among the petrology journals considered, it is again clear that USGS papers are published in the higher-impact journals. Although a smaller fraction of USGS papers are published in the highest-impact Journal of Petrology (7% vs. 12% of all petrology papers), a very high (61%) proportion of USGS petrology papers are published in the highest-impact petrology journal in the U.S., namely American Journal of Science. By comparison, only 30% of petrology papers originating out of American universities are published in that journal. At the other extreme, only 1% of USGS petrology papers ended up in the bottom three journals. By comparison, 24% of all petrology papers are published there.

Among both mineralogy and petrology journals, therefore, Ribbe's statement that papers produced by government scientists are more likely to be published in the lower-impact journals clearly cannot be applied to the USGS; indeed, the very opposite is true.

Acknowledgments

I wish to thank Elaine Watson of the USGS library staff for her assistance.

Reference Cited

Ribbe, P.H. (1988) Assessment of prestige and price of professional publications. *American Mineralogist*, 73, 449-469.

TABLE 1.
BREAKDOWN OF USGS
MINERALOGY-PETROLOGY
PAPERS BY JOURNAL

Journal (Impact Factor)	No. of USGS Papers
Petrology Journals	
Journal of Petrology (3.508)	6
American Journal of Science (2.862)	54
Contributions to Mineralogy and Petrology (2.225)	27
Lithos (.988)	1
Journal of Metamorphic Geology (0.955)	0
Mineralogy and Petrology (0.426)	0
Mineralogy Journals	
American Mineralogist (1.954)	81
Physics and Chemistry of Minerals (1.374)	5
Canadian Mineralogist (1.174)	20
Bulletin de Mineralogie (0.797)	1
Mineralogical Magazine (.628)	8

MEETING CALENDAR 1989

February

- 12 The Tenth Symposium sponsored by the Friends of Mineralogy, the Tucson Gem and Mineral Society, and MSA, Tucson, AZ. Details: Henry Truebe, FM-TGMS-MSA Symposium, c/o Dallhold Resources, 2002 N. Forbes Blvd, Tucson, AZ 85745.

April

- 24-29 The annual spring meeting of the Materials Research Society will be held in San Diego, California. A call for papers is expected to be issued July 22, 1988. Details: Merry Geil, of Meeting Activities, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237 (412)367-3003.

May

- MAC Short Course: Diagenesis; Montreal, Quebec, Canada. Details: MAC, Royal Ontario Museum, 100 Queen's Park, Toronto, Ontario, Canada M5S 2C6.
- 15-17 Mineralogical Association of Canada Annual Meeting, Montreal, Quebec, Canada. Details: GAC/MAC Montreal 89, Room 238, 3450 University Street, Montreal, Quebec, Canada H3A 2A7 (514)398-4082.

July

- 9-19 28th International Geological Congress, Washington, D.C. Details: Dr. Bruce B. Hanshaw, Secretary General, P.O. Box 1001, Herndon, VA 22070-1001; (703) 648-6053.
- 19 Abstract deadline for 1989 GSA meeting.

November

- 4-5 MSA 1989 Fall Short Course on Advanced Powder Diffraction Techniques, St. Louis, MO.

December

- MSA 1989 Short Course on Rare Earth Elements, prior to AGU annual meeting in San Francisco, CA.

Foreign Corner

Two items of interest to readers of *The Lattice* are the new *European Journal of Mineralogy and Australian Mineralogist*.

The *European Journal of Mineralogy* is a merger of the former *Bull. de Mineralogie (France)*, *Forsch. der Mineralogie (W. Germany)* and *Rend. della Soc. Italiana di Mineralogia e Petrologia (Italy)*. The new journal will be published jointly by the *Deutsche Mineralogische Gesellschaft*, *Societa Italiana di Mineralogia e Petrologia* and the *Societe Francaise de Mineralogie et de Cristallographie*, in cooperation with the *European Mineralogical Union*. The journal will start in 1989 and most of the papers will be in English. The Managing Editor is Christian Willaime, Universite Paris VI - Tour 16, Lab. de Mineralogie - Cristallographie, 4 Place Jussieu - F75252 Paris Cedex 05 (France).

The *Australian Mineralogist* is now being published four times a year as an independent journal. The content will concentrate mainly on Australian minerals and localities and will include new minerals, topographical mineralogy, reviews and historical papers. The Editors are Dr. W. D. Birch, Dr. E. R. Segnit and Mr. C. Kovac. The journal is published by Gemcraft Pty. Ltd., 293 Wattletree Road, East Malvern, Victoria 3145, Australia. The subscription is US\$20 by Sea (US\$32.00 by Air) for four copies per year (1 volume).

For those members who have library privileges you may wish to consider asking your library to take out subscriptions to both journals.

The Gibbs Symposium

Yale University, May 15-17, 1989

The year 1989 will have a special significance for science: it marks the sesquicentennial of the birth of Josiah Willard Gibbs. To commemorate this occasion, we are planning a two-and-a-half-day symposium to be held at Yale, beginning on the morning of Monday, May 15 and lasting until noon on Wednesday, May 17. At this symposium, sixteen leading scientists will present papers dealing with Gibbsian themes. The core of the symposium will be in mathematical physics, physical chemistry, and mathematics, but there will be contributions from areas of biology, geology and economics as well.

This symposium is being sponsored by Yale University, Gibb's lifelong home, by

several national scientific organizations, including the National Academy of Sciences, the American Mathematical Society and the American Physical Society (History of Physics Division), and by the Connecticut Academy of Arts and Sciences, in whose *Transactions Gibbs* published many of his most important works. The Yale Center for Theoretical Physics is serving as the host organization for the Symposium.

Anyone desiring to obtain further information or to be placed on our mailing list can write to us at:

The Gibbs Symposium
Sloane Physics Laboratory
P.O. Box 6666
Yale University
New Haven, CT 06511

or telephone us at (203) 432-5042 Monday through Thursday, 9 am to 1:30 pm.

About the first of the year we shall send out a second mailing, containing a more detailed program and information about registration, accommodations, etc.

We hope to see you at the Symposium next May.

The Gibbs Symposium
Organizing Committee

Alan Chodos Martin J. Klein
Donald M. Crothers G. D. Mostow
Feza Gursey R. Shankar
H. Catherine W. Skinner

Welcome!

The following new members and students have joined MSA effective January 1, 1988. Welcome! Applications for membership may be obtained from the Business Office, 1625 I Street N.W., Suite 414, Washington, D.C. 20006; (202) 775-4344. Membership applications received October 1 through December 31, 1988 will be made effective January 1, 1989 unless otherwise requested.

Bartch, Joel A., P.O. Box 1192, Mariposa, CA 95338. O:(209)742-7625. H:(209)742-6240. (M-88) Sponsors: J. White, Jr. and P. Dunn.

Bokreta, M'Hamed, 3940 Locust Walk, Box 46, University of Pennsylvania, Philadelphia, PA 19104. O:(215)898-2844 or (215)898-5125. H:(215)243-8426. (ST-88)CC Sponsor: MSA.

Brown, Thomas H., Dept. of Geological Sciences, University of British Columbia, 6339 Stores Road, Vancouver, BC, Canada V6T 2B4. O:(604)228-4653. H:(604)261-7431. (M-88)PE Sponsors: R. Berman and E. Meagher.

Burbank, James A., Western Oklahoma State College, Altus, OK 73521. O:(405)477-2000. H:(405)482-4654. (M-88)EG Sponsors: J. Redden and T. Campbell.

Busa, Mark O., 320 Gravel Street, Meriden, CT 06450. O:(203)265-6741. H:(203)237-3953. (ST-88)MP Sponsors: R. Joesten and P. Asher.

Choi, Yun Seung, 2676 Dept. of Earth and Planetary Sciences, Los Angeles, CA 90024. O:(213)825-3580. H:(213)208-8334. (ST-88)MI Sponsors: W. Ernst and M. Cho.

Czyzewska, Margaret, 5 Ronald Drive, #121, Colonia, NJ 07066. H:(201)381-6522. (M-88)MI Sponsor: MSA.

Domanik, Kenneth, 2001 Greenway Cross Road, Apt. 7, Madison, WI 53713. O:(608)273-2930. (ST-88)PE Sponsors: S.W. Bailey and J. Valley.

Drevenik, William, Box 5001 Station A, Wilkes-Barre, PA 18710. (M-88)EG Sponsor: MSA.

Dumas, Thomas J., 615 Pontiac Street, Oxford, MI 48051. H:(313)628-4238. (ST-88)EG Sponsor: MSA.

Eby, Ray, 2112 Moon Street, #124, Albuquerque, NM 87112. O:(505)298-5613. (ST-88)MI Sponsors: C. Klein and R. Ewing.

Friedrich, Guenther, Wuellnerstr. 2, Mineralogy/Techn. Univ., 5100 Aachen, West Germany. (M-88) Sponsor: MSA.

Halterman, Martin, 726 Sunny Lane, Duncan, OK 73533. O:(405)252-7565. (M-88)SP Sponsor: MSA.

Jones, Melvyn T., 25 Kedumba Cres., Turramurra North, NSW Australia, 2074. O:(02)231-1022. H:(02)449-9389. (M-88)EG Sponsors: M. Duggan and J. McAndrew.

Lander, R.H., Dept. of Geology, University of Illinois, 245 NHB, Urbana, IL 61801. O:(217)333-3540. (ST-88)CM Sponsors: C. Weiss and S. Altaner.

Lum, Clinton C., Dept. of Geology, Rice University, P.O. Box 1892, Houston, TX 77251. O:(713)527-8101 ext. 3337. H:(713)528-0762. (ST-88)IP Sponsors: M. Pierson and R. Tacker.

Manchester, Janet, University of Texas, Dept. of Geological Sciences, Austin, TX 78713-7909. O:(512)471-5763. (ST-88)PE Sponsors: D. Smith and W. Carlson.

Menard, Thomas, Dept. of Geology, Rensselaer Polytechnic Institute, Troy, NY 12180. O:(518)266-6475. (ST-88) Sponsor: MSA.

Montri, Wimonrat, P.O. Box 414, Geology Dept., South Dakota School of Mines and Technology, Rapid City, SD 57709. O:(605)394-2461. H:(605)348-9745. (ST-88)EG Sponsor: MSA.

Nguyen, Chinh, 5735 S. Ellis Avenue, Chicago, IL 60637. O:(312)702-7253. H:(312)268-4619. (ST-88)CC Sponsors: J. Smith and P. Moore.

Sanjines, Orlando H., Casilla No. 20046, Avenue 20 de Octubre, La Paz, Bolivia. O:793392. H:327429. (M-88) Sponsor: K. Onuma and A. Kitakaze.

Spearing, Dane R., Dept. of Geology, Stanford University, Stanford, CA 94305. (ST-88)IP Sponsor: MSA.

Tuccillo, Ricardo A., 1404 Mountain View Est., ATEs, Blacksburg, VA 24060. H:(703)953-0204. (ST-88)MI Sponsors: P. Ribbe and M. Gunter.

Yuan, Wenbin, Dept. of Earth Sciences, Iowa State University, Ames, IA 50011. H:(515)294-9672. (ST-88)MI Sponsors: K. Windom and S. Tanner.

Ziegler, Richard, Browns Ridge Road, Ossipee, NH 03864. H:(603)539-6896. (ST-88)IP Sponsors: M. Dyar and T. Grover.

MSA LECTURE PROGRAM

At the third meeting of the 1988 council, held in Denver, the MSA council voted to approve a MSA lecture program. This lecture program will support scientific lectures by selected members of the Society on topics of current research in mineralogy, petrology, crystallography, and related subjects of interest to the membership of the Society, given at colleges, universities, and certain other educational institutions.

The Society supports a Lecture Program in order to reinforce the notion that research in scientific areas of concern to the MSA is important to the vitality of research generally in the earth and planetary sciences. The program will also inform students of professional research opportunities in areas of interest to MSA and encourage promising students by providing opportunities to witness the excitement of current research.

Travel of MSA lecturers to and from host institutions will be financed by MSA, while on-site costs are to be born by the host institutions. The council would like the first lectures to begin in the Fall of 1989. Peter Buseck, Arizona State University, heads the MSA Lecture Committee, which will recommend lecturers, topics and participating institutions to the Council. He would appreciate hearing from anyone with suggestions for lecture topics or lecturers. He would also like to hear from institutions willing to participate in the program. He can be contacted at Arizona State Univ., Geology Department, Tempe, AZ 85287, (602)965-3945.

1989 FALL SHORT COURSE

The Mineralogical Society of America is sponsoring a short course on advanced powder diffraction techniques to be held November 4 and 5, the weekend prior, to the annual MSA/GSA meeting in St. Louis, MO. This course is being organized by Dr. David Bish of the Los Alamos National Laboratory and Dr. Jeffrey Post of the Smithsonian Institution. Specific topics and speakers include:

- Principles of Powder Diffraction*,
R. Reynolds
- Instrumentation*,
R. Jenkins
- Experimental Procedures*,
R. Jenkins
- Sample Preparation*,
R. Reynolds and D. Bish
- Quantitative Analysis*,
R. Snyder and D. Bish
- Determinative Techniques: Composition and Ordering*,
J. Post and D. Bish
- Diffraction Applied to Clays and Glasses: Non-Bragg Diffraction*,
R. Reynolds
- Powder Diffraction Software*,
D. Smith
- Structure Refinement and Analysis*,
D. Bish and J. Post
- Synchrotron Powder Diffraction*,
L. Finger
- Neutron Powder Diffraction*,
R. VonDreele
- and *Other Techniques and Methods*,
H. King.

A registration form will be included in the next issue of this newsletter.

Joint Spring Meeting With AGU

The Society will hold a joint meeting with the American Geophysical Union in Baltimore, MD May 8-12, 1989 as an AGU Cooperating Society. The purpose of the joint meeting is to strengthen technical sessions on mineralogical aspects of geophysical problems and to encourage interactions and collaboration between AGU and MSA members and cooperation between the societies. MSA will function as an AGU section in all matters related to program development. There will be a single registration fee (at standard AGU rates). The call for papers with AGU standard abstract format will be mailed separately to all MSA members. Program chairman for MSA section of the meeting is Joseph R. Smyth, Department of Geological Sciences, University of Colorado, Boulder, CO 80309-0250; (303) 492-5521; BITNET: JOESMYTH@COLORADO.

Special Sessions:

MSA will jointly sponsor with the Planetary section of AGU a special session on Planetary Mineralogy. The session will focus on the mineralogy of planetary interiors and surfaces. Discussion will include composition and phase changes in planetary interiors, remote sensing and in-situ analysis of planetary surfaces, and chemical weathering of surface minerals.

MSA will jointly sponsor with the Volcanology, Petrology, and Geochemistry Section (VGP) a special session on high pressure research in honor of Christopher M. Scarfe of the University of Alberta who was a member of both MSA and AGU and a leader in High Pressure Mineralogic And Petrologic Research. He passed away in a tragic accident in August, 1988.

MSA will sponsor a special session on Computer Modeling Of Crystal Structures. The emphasis will be on prediction of mineral crystal structures and physical, chemical, and spectroscopic properties based on computational models of inter-atomic forces.

MSA will sponsor a special session devoted to Mineral Spectroscopy. Emphasis will be on applications of IR, visible, Raman, X-ray, and gamma ray spectroscopy to mineralogical problems, particularly those of geophysical interest.

All MSA members are encouraged to participate. Abstracts should be submitted directly to the A.G.U. by the standard deadline (usually late February). Contributed abstracts will be published in EOS.

Editor's Note

James Munoz

Some members may not be aware that there has been no manuscript backlog (i.e., no stack of accepted manuscripts sitting forever in the Editorial Office awaiting publication) for the past two years. As a result of expediting the publication process, we currently have fewer manuscripts under review or revision than the average over the past three years. Therefore, this is a good time to submit your best manuscripts to *American Mineralogist*. Also, we now have the option of a "Letters" format with a 4-6 month publication time for short and timely contributions (see *Am. Min.* (1988) v. 73, P. 940 for requirements). Although there has been a nasty rumor floating around that we don't like to publish papers in mineral physics, this is emphatically untrue! Please call me in Boulder (303-492-1461) if you have any questions about the suitability of a particular manuscript.

MSA Needs Nominations and Committee Volunteers

As MSA continues to grow, member participation becomes more essential to the continuation and formation of programs that meet member needs. The best way to participate in Society activities is through committees. Please take a minute now to read the brief committee description below and consider getting involved.

Involvement can take several forms: nominate a candidate for office or an award, volunteer to serve on a committee next year, or offer your name or that of a colleague as a possible candidate for office. It is through the involvement of individual members that the Society's programs develop to meet the needs of its members.

Nomination forms and additional information on all Society Committees are available from the MSA Business Office (1625 I Street N.W., Suite 414, Washington, D.C. 20006; (202) 775-4344). Or, you may communicate with the appropriate committee chair.

Award/Office	Deadline	Committee Chair
Roebbling Medal – The highest award given for eminence as represented by outstanding original research in mineralogy. [No form; contact committee chair with name(s).]	June 1	David R. Veblen Dept. of Earth & Planetary Sciences Johns Hopkins Univ. Baltimore, MD 21218 (301) 338-8487
Mineralogical Society of America (MSA) Award – Outstanding contribution prior to 35th birthday with 1990 awardee younger than 37 on January 1, 1989. [No form; contact committee chair with name(s).]	June 1	Frank C. Hawthorne Dept of Geol Science University of Manitoba Winnipeg, Manitoba Canada R3T 2N2 (206) 474-9833
Mineralogy/Petrology Grant – \$3500 for research proposal in petrology from a scientist between 20 and 30 years of age. (Form required.)	July 1	Robert Hazen Geophysical Laboratory 2801 Upton Street, NW Washington, DC 20008 (202) 966-0334
Fellowship – Society recognition of a member's significant scientific contributions. Nomination undertaken by one member with two members acting as co-sponsors. (Forms required.)	June 1	M.E. McCallum Colorado State University Dept of Earth Resources Ft. Collins, CO 80523 (303) 491-6250
Officers – Any member or fellow of the Society. One year terms for president and vice-president; two-year terms for treasurer and secretary; three-year term for Councillors. [(No form; contact committee chair with name(s).]	June 1	J. Stephen Huebner MS 959, National Center U.S. Geological Survey Reston, VA 22092 (703) 648-6777
Committees – Any member or fellow of the Society. Terms usually from one to three years. In addition to above committees, Society has Management, Financial Advisory, Publications, External Awards and Medals, Short Course, Tellers, and Committee on Committees. [No forms; contact committee chair with name(s).]	May 1	Peter Robinson Dept of Geology & Geography University of Massachusetts Amherst, MA 01003 (413) 545-2593



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