

The Lattice

Vol. 2, No. 4, November 1986

1986 Council Wraps Up Business; 1987 Council Sets New Agenda

The final meeting of the 1986 Council was convened early Sunday morning, November 9. The Treasurer reported on the financial condition of the Society, stating that expenses are well within budget for 1986 and will actually be reduced in 1987. MSA income is consistent with projections, with the exception of sales of the *Reviews in Mineralogy* series. It is apparent that MSA members are reaching a saturation point, buying by and large purchased the entire series. Records show that two-thirds of all sales are now made to nonmember individuals and institutions.

In her report to the Council, the Executive Secretary provided statistics related to claims and membership figures. Book claims are now down to 4-6 per month and claims for journal issues have been reduced to 2-3 per month. These numbers have been dropping each year after reaching a high of 15-20 per week in 1984. The reduction in claims is directly attributable to efficient handling of orders and increased accuracy of mailing labels. Improved procedures at the new business office ensure the prompt mailing of all materials, including book orders and back issues of the journal. Claims from individuals and institutions outside of the U.S. now account for 90 percent of the claims. Ninety-five percent of the claims are from institutions as opposed to individuals.

A total of 222 new members (54 professionals, 1 spouse, and 167 students) joined the society in 1986. This compares favorably to the 180 new members for 1985. Over 75 individuals have paid new member dues for 1987. Two members converted to student status in 1986 while 61 students converted to professional member status in 1986. Overall, 112 professional members or 75 percent and 175 students or 30 percent did not renew in 1986. Despite these figures, the overall membership in MSA increased slightly from 2724 in 1985 to 2757 in 1986.

As is customary at the Third Council meeting, the Society's many nominating and awards committees made their formal recommendations to the Council. The Roebling Medalist for 1987 is G. V. Gibbs, Virginia Polytechnic Institute and State University for his major and unique contributions to our understanding of the crystal structures of minerals, crystal bonding and mineral physics in general. The MSA Award for 1987 will be presented to Donald J. DePaolo, University of California at Los Angeles, for his pioneering isotopic studies contributing to the knowledge of the

Outstanding Scientists Receive Awards At Luncheon

Congratulations to the 1986 recipient of the Roebling Medal, Edwin Roedder, U.S. Geological Survey. Roedder, with his wife Kathleen by his side, was presented the Society's highest honor by 1986 President Paul B. Barton, Jr. at the MSA Awards Luncheon on Tuesday, November 11, in San Antonio. Brian J. Skinner, serving as citationist, provided a humorous summary of Roedder's contributions to the field, especially his work with fluid inclusions.

Antonio C. Lasaga, Yale University, was presented with the 1986 MSA Award for his contributions to the kinetics of geological processes. Addressing the room of well-wishers, Lasaga recounted the names of several MSA members who encouraged him to concentrate on geochemistry instead of mathematics and chemistry. Thanking these influential individuals and his wife, Evelyn, Lasaga accepted the MSA Award Certificate from President Barton. G. V. Gibbs served as his citationist.

evolution of the earth's crust and mantle.

Eleven members were advanced to fellowship in the Society upon the unanimous recommendation of the committee: Roy A. Bailey, U.S. Geological Survey; Franklin F. Foit, Jr., Washington State University; Eugene E. Foord, U.S. Geological Survey; B. Carter Hearn, Jr., U.S. Geological Survey; Emil Makovicky, Institute of Mineralogy, Copenhagen; James L. Munoz, University of Colorado; Dean C. Presnall, University of Texas at Dallas; George Rapp, Jr., University of Minnesota; Richard O. Sack, Purdue University; Joseph R. Smyth, University of Colorado; and George Will, Mineralogical Institute, Bonn.

In addition to the election of members to the 1987 Council, MSA members also voted to keep a contested election for the position of vice-president. The defeat of the amendment included on the 1986 ballot means that two names will continue to appear on future ballots giving members the opportunity to select the candidate of their choice.

First 1987 Council Meeting

The First 1987 Council meeting is a time for the new Council to meet and establish goals for the coming year. In addition to adopting the 1987 budget, the Council also formalized committee assignments. In other action, the Council voted to co-sponsor a single, special 1988 Spring meeting with the Geochemical Society to be called the V. M. Goldschmidt Conference. This meeting will be held prior to the Spring meeting of the American Geophysical Union in the Baltimore vicinity. Co-sponsorship of the meeting enables the Geochemical Society to use MSA's name and logo when promoting the meeting. No financial support was requested. Additional information concerning this meeting will be available in the Spring.

Summary of an Active Year and a Look to the Future

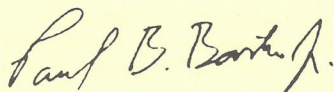
This is my last letter to *The Lattice* as MSA president. It has been a privilege and honor to serve the Society. I am simultaneously relieved, sad and encouraged: relieved because the urgency to attend to so many things will now subside, sad because I will miss being in the middle of the action, and encouraged because I know that Paul Ribbe and presumably Dave Stewart will do a fine job in guiding our Society in the next couple of years.

This year has been highlighted by two major new activities: the establishment of an independent business office and the hosting of the very successful meeting of the International Mineralogical Association at Stanford. Although I cannot claim credit for either their initiation or their success, I am very proud to have participated in our Society's management during this eventful year. I want to express my deep appreciation to my fellow officers and councillors, to our executive secretary and her staff, to the editors and associated editors of *The American Mineralogist* and the *Reviews in Mineralogy*, and to the many committee chairpersons and members who have performed so splendidly for the Society.

The future holds some challenges. How do we address a steadily growing demand for a fairly constant supply of opportunities to present papers at our meetings? How should we deal with the eventual need to place the abstracting of mineralogical materials on a permanent self-supporting basis, that need not rely on the almost super-human efforts of those who have carried it so far? How can we promote closer ties between ourselves and other related societies? And, perhaps most importantly, how do we assure that we remain at the forefront of mineralogical science as it steadily broadens to include more and more nongeological interests in applied mineralogy and materials science? I am confident that with the participation of the membership MSA will successfully meet these challenges.

Thanks to you all.

Sincerely,



Paul B. Barton, Jr.
1986 President

1987 Council Assumes Office

1987 President Paul H. Ribbe received the gavel of office at the close of the MSA Awards Luncheon on Tuesday, November 11 in San Antonio, Texas. In passing the president's gavel, 1986 President Paul B. Barton, Jr., expressed mixed emotions at the end of his first term but confidence that Ribbe would continue to move the the Society forward.

Other Council members elected to the 1987 Council include Treasurer Gordon L. Nord, Jr., re-elected for a second two-year term, Vice-President David B. Stewart, and Councillors Michael J. Holdaway and Douglas Rumble III who will both serve three-year terms. The terms of Councillors Hugh P. Taylor, Jr. and Gordon E. Brown, Jr. expired with the 1986 Council.

Ribbe is probably best known to the MSA membership as the series editor of the *Reviews in Mineralogy* volumes. He was also active in the International Mineralogical Association meeting last July serving as publications committee chair. He has also served on the Management, Short Course, Publications, and Awards committees in past years.

Stewart served as a Councillor from 1973-1975 and on several of the Society's committees, including the MSA Award Committee and Committee on Committees. He has also represented the Society to the Joint Technical Program Committee of the Geological Society of America, and to the American Geological Institute. As vice-president, Stewart will chair the Outlook Committee initiated by 1985 President Hans P. Eugster to consider long-range policy issues.

Michael J. Holdaway was the previous editor of *The American Mineralogist*, stepping down at the end of 1985 after serving a five-year term. Douglas Rumble III is currently chair of the Short Course Committee and has also served on the Management and External Awards committees.

Councillor James R. Craig was appointed in late Spring to fill the vacancy when Anthony J. Naldrett resigned from the Council. Craig's term will expire in October of 1987.

Other members of the 1987 Council include: Past-President Paul B. Barton, Jr., Secretary Henry O. A. Meyer, and Councillors Cornelis Klein, J. Stephen Huebner and Robert C. Newton.

R. C. Tacker Awarded 1987 Min/Pet Research Grant

Robert C. Tacker, a Ph.D. student at Rice University, has been awarded the Mineralogy/Petrology Research Grant for 1987. The Research Grant Committee recommended Tacker for the \$3500 grant based on his proposal to study the experimental calibration of the mineral apatite as a sensor of volatile fugacities.

The Council also voted to send a letter of commendation to Tanya H. Furman, Massachusetts Institute of Technology, for her research to better understand the influence of crystallization of layered cumulate rocks on the chemistry of the associated lava.

Tacker's and Furman's proposals were selected from 11 applications. Interest continues to increase each year as more and more quality students learn about the availability of the MSA grants in Mineralogy/Petrology and Crystallography. The two grants of \$3500, given in alternate years, are fully supported by income from separate endowment funds. The Council is currently considering the possibility of increasing the number or size of the grants should member contributions increase the base amount of the award funds.

Applications for the 1988 Crystallography Research Grant may be obtained from the MSA Business Office, 1625 I Street N.W., Suite 414, Washington, D.C. 20006 after February 1, 1987. The due date for applications is August 1, 1987.

1986 President: Paul B. Barton, Jr., U.S. Geological Survey
Past-President: Hans P. Eugster, Johns Hopkins University
Vice-President: Paul H. Ribbe, Virginia Polytechnic and State University
Secretary: Henry O. A. Meyer, Purdue University
Treasurer: Gordon L. Nord, Jr., U.S. Geological Survey
Executive Secretary: Barbara B. Minich

Published at the MSA Business Office, 1625 I Street N.W., Suite 414, Washington, D.C. 20006; (202) 775-4344.

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

Short Course Draws Record Number of Participants

When 90 percent of the registrants attend the welcoming reception the evening prior to a meeting, it is obvious that interest in the subject is high (or the beer is free!). This, combined with the fact that a record number of individuals had registered for the meeting, was just the first indication of the success of the 1986 MSA Short Course.

Entitled Stable Isotopes in High Temperature Geological Processes, the short course provided an intense examination of the subject. Twelve speakers covered topics from theoretical and experimental aspects of isotopic fractionation to isotopic variation in natural waters, to isotopic relationships in meteoric-hydrothermal systems, and more. Lively discussions followed each hour-long presentation. Speakers and others attending the meeting also met afterward to discuss specific points or make additional explanations to the many students who attended.

One hundred thirty four individuals attended the short course, requiring a waiting list to be started some two weeks prior to the November 6-9 meeting dates. All interested persons were able to attend due to last minute cancellations. The attendance at this meeting shows a growing trend in the popularity of the Society's short course programs among both MSA members and nonmembers. Nonmembers paid membership fees for 1987 as part of the registration cost. To keep the short courses informal and encourage discussions, the size of future short courses will be limited by the convenors.

Due to the generosity of the Finnigan Corporation and V. G. Instruments, 20 student scholarships were awarded to participants. These scholarships covered the student registration fee. An additional 12 scholarships were given from the income generated by the large number of attendees. In all 30 of the 58 participating students received scholarships.

Volume 16 of the *Reviews in Mineralogy* series, published in time for the meeting, provided an expanded written version of the presentations by each speaker. This volume is currently available from the MSA Business Office.

MSA Meeting Schedule

1987

Thermodynamic Modelling of Geological Materials
October 22-25, 1987
Phoenix, Arizona

Conveners: I. S. E. Carmichael, University of California at Berkeley
H. P. Eugster, Johns Hopkins University

Thermodynamic analysis of geological materials and processes has become an indispensable tool for petrologists and geochemists. In this Short Course, which is oriented towards earth materials, 15 active workers will demonstrate how you can treat your favored substances, ranging from minerals to electrolyte solutions, supercritical fluids, volcanic gasses, ore and metamorphic fluids, natural waters and silicate melts. The course is designed for graduate students and professional geologists. It is assumed that participants are familiar with elementary geological thermodynamics, and it is hoped that the course will provide a useful supplement to existing thermodynamics courses. More information and a registration form will appear in the May issue of this newsletter.

1988

Spectroscopy
May 14-17, 1988
Baltimore, Maryland vicinity
Convenor: Frank C. Hawthorne

V. M. Goldschmidt Conference
Organized by the Geochemical Society
Co-sponsored by MSA
May, 1988
Baltimore, Maryland vicinity

Hydrous Phyllosilicates exclusive of Micas
October 29-30, 1988
Denver, Colorado
Convenor: S. W. Bailey

1989

Advanced Powder Diffraction Techniques
Dates and Location to be announced
Convenors: David L. Bish, Los Alamos National Labs
Jeffrey E. Post, Smithsonian Institute

Stable Isotope Geochemistry in Low-Temperature Fluids Topic of MAC Spring Short Course

The Mineralogical Association of Canada (MAC) will host a short course on the topic stable isotope geochemistry of fluids and minerals associated with low-temperature processes. The curriculum includes the geochemistry and isotope geochemistry of groundwater, basinal brines, organic-rich fluids and fluids deep within the crust as well as the effects from interactions of these fluids with rocks at relatively low temperatures. The content includes a balance of theoretical and general applications with special emphasis on fluid-rock interactions in cratonic basins and basements.

The course is designed to be equally instructive to those unfamiliar with stable isotope geochemistry and to those experienced in the field. The course compliments MSA's 1986 Short Course on Stable Isotopes in High Temperature Geological Processes by presenting new areas of data. This two-and-one-half day course will include the instructors and topics listed below and a short course volume provided by MAC.

- Equilibrium fractionation of stable isotopes among various phases at low temperatures—T. K. Kyser, University of Saskatchewan;
- Rates of exchange of stable isotopes among various phases and kinetic effects at low temperatures—J. R. O'Neil; U.S. Geological Survey;
- Stable isotope hydrology—J. Welhan, Memorial University;
- Diagenetic fluids—F. Longstaffe, University of Alberta;
- Low-temperature alteration of igneous and metamorphic rocks—K. Muehlenbachs, University of Alberta;
- Fluids in the crust—R. Kerrich, University of Saskatchewan;
- Fluids associated with ore deposits (emphasis on Canadian deposits)—B. Taylor, Geological Survey of Canada.

The short course registration fee is \$250 (Canadian) for professionals and \$150 (Canadian) for students. Registration is limited to 70 people. The course will be offered May 22-24, 1987, at the University of Saskatchewan prior to the annual GAC-MAC meeting. Participants must register no later than April 1, 1987. For an application form and more information contact the organizer: Dr. T. K. Kyser, Department of Geological Sciences, University of Saskatchewan, Saskatoon, SASK S7N 0W0 Canada.

Did You Know . . .

. . . The National Science Foundation's Division of Earth Sciences has recently announced new deadlines for submission of proposals to its programs. Deadline dates for the coming year are 15 January 1987 and 15 August 1987. Proposals received at the Foundation after the deadline dates will not be eligible for consideration at the subsequent panel meeting.

. . . A guidebook is now available for the IMA B-5 field trip: Regional Metamorphism and Metamorphic Phase Relations in Northwestern and Central New England, Robinson, P. and Elbert, D.C., editors, is now available. The cost is \$5 postpaid in North America; \$6 overseas. Checks should be made payable to "Geology Special" and sent to: Contribution No. 59, Department of Geology and Geography, University of Massachusetts, Amherst, MA 01003. The 288 page guidebook contains the following chapters: A) Introduction—P. Robinson; B) Northern Green Mountains, Vermont—J. Laird and W. A. Bothner; C) Mt. Moosilauke Area, New Hampshire—D. Rumble and M.P. Dickenson; D) Orfordville Area, New Hampshire-Vermont—F. S. Spear and D. Rumble; E) Green Mountain Massif and Chester Dome—J. B. Thompson, Jr., J. T. Cheney, and P. Robinson; F) Fall Mountain Nappe and Merrimack Synclinorium—F. S. Spear and C. P. Chamberlain; G) Gedrite-Cordierite Gneisses, Southwestern New Hampshire—J. C. Schumacher and P. Robinson; H) Central Massachusetts Metamorphic High—P. Robinson, R. J. Tracy, K. T. Hollocher, J. C. Schumacher, and H. N. Berry; I) References Cited; J) Appendix to Accompany Part D.

. . . A limited number of the guidebooks for the other field trips offered at the IMA meeting are available from the MSA Business Office. The cost is \$3 each or a set of four for \$10. The field trips are: A1. Colorado Rocky Mountain Ore Deposits; A3. Franciscan Blueschists and Eclogite in Northern California; A5. Gem Pegmatites of Southern California; and B2. New Idria Region, California. Cost includes postage and handling. Prepayment is required.

. . . The *IMA Abstract Volume* containing 412 extended abstracts of papers presented at the 14th General Meeting of the IMA last July is available from the Business Office. The 284 page publication sells for \$10, including postage and handling. Prepayment is required.

. . . Volume 16, *Stable Isotopes in High Temperature Geological Processes*, has arrived and is selling fast. The latest in the *Reviews in Mineralogy* series, this volume sold close to 400 copies at the GSA meeting alone. To get your copy send \$12.60 for members or \$18 for nonmembers to the MSA Business Office. You may also phone in your order if paying by credit card.

4/*The Lattice*

MSA Members Participate in Formulation of GSA Technical Sessions

MSA and the other associated societies meeting with the Geological Society of America (GSA) each year combine forces to review the abstracts submitted for presentation. Through the Joint Technical Advisory Committee (JTTC), MSA members review and rank abstracts of mineralogic or petrologic interest to ensure that each paper presented, either orally or in a poster session, meets high quality standards.

Richard N. Abbott served as MSA representative to the JTTC for the 1986 GSA meeting, along with Roger G. Burns and Jo Laird. The three MSA participants were responsible for the following topics: metamorphic petrology, volcanology, mineralogy/crystallography, experimental petrology, igneous petrology and the MSA Symposium.

The MSA Symposium, held Monday afternoon, November 10, was entitled, Crystal-Liquid Reactions in Granites and

Migmatites. Convened by Abbott and Robert J. Tracy, the symposium discussed the nature of crystal-silicate liquid reactions in granitic magmas during heating (anatexis) and during cooling (crystallization). A number of divergent and convergent studies addressing the characterization and consequences of various crystal-liquid reactions in granitic systems were presented.

While ranking and scheduling of abstracts is of primary concern, the individuals representing MSA on the JTTC also work to encourage GSA to allocate more time to abstracts of mineralogic interest. Council, in studying the number of abstracts presented and rejected, has placed increased emphasis on this goal for the future. Citing the fact that a number of first-rate scientists were not able to present their papers at the 1986 GSA meeting due to space limitations, the Council will provide additional communications with GSA to alleviate this problem in the future.

FROGS

FROGS (Friends of Granites): A new home (?)

The peripatetic FROGS newsletter appears to have a new home here in *The Lattice*, along with necessarily new format and a new coordinator. The purpose of the newsletter—or, more appropriately now, news column—is to provide information about potential, planned, and ongoing research relevant to granite petrology. It is hoped that this information will stimulate new research, prevent redundancy, and promote collaboration. All aspects of granitoid research are considered; experimental research has been particularly emphasized. A major goal is to narrow the gap between purely experimental and purely field-based investigations.

FROGS grew out of a call in late 1982 by E-an Zen and Priestley Toulmin for greater communication among those interested in granites and for renewed, focused experimental investigations of granites. During early 1983 they produced two communications which assembled comments submitted by researchers on their own work and their suggestions for future research directions. E-an and Pete organized an informal meeting of FROGS (as it came to be called) at the annual Geological Society of America meeting in Indianapolis and turned over the reins of the newly named newsletter to Sue Kieffer and John Clemens. They have since produced one issue of FROGS, sent out like that of E-an and Pete by direct mail. During their tenure the possibility of publication in *EOS* was raised, but ultimately it was decided to try a new format in *The Lattice*. Subsequently I was asked to coordinate things, and here we have the first example of *The Lattice*/FROGS connection.

My main goal at this time is to find out how you (anyone interested in granitoid rocks) feel about this format, and what you would suggest to make it work best. The important changes from "old" FROGS format are, first, that we are now part of an official document, and second, that we are limited to about 500 words. Thus, we cannot print everyone's comments each time, as before. How can this space best be used, given its limitations? Should we try to run frequently (several times per year), and publish brief comments as they come in? Have guest columnists writing on the state of granite art? Announce important granite-related conferences, publications, etc.? Is this a viable format? Please send me your opinion!

Calvin Miller
6028 B, Dept of Geology
Vanderbilt University
Nashville, TN 37235

Welcome!

The following new members and students have joined MSA effective January 1, 1986. Welcome! Applications for membership may be obtained from the Business Office, 1625 I Street N.W., Suite 414, Washington, D.C. 20006. Memberships received from October 1 through December 31, 1986 will be made effective January 1, 1987 unless otherwise requested.

New Members

Baird, Gary, Baird Scientific, P.O. Box 842, Carthage, MO 64836. (M-86) Sponsors: MSA.

Bartelmehs, Kurt L., 62006 Terrace View Apt., 4th Floor, Blacksburg, VA. 24060. O: (703) 961-6700. H: (703) 552-1178. (ST-86)CC Sponsors: P. H. Ribbe and D. Greiner.

Devries, Suzanne J., 208 Mill Run Court, Hightstown, NJ 08520. O: (609) 452-4109. H: (609) 426-0499. (ST-86)IP Sponsors: L. S. Hollister and A. Navrotsky.

Dove, Patricia M., Princeton University, Guyot Hall, Dept. of Geology/Geophy., Princeton, NJ 08544. (ST-86) Sponsors: MSA.

Elsenheimer, Donald, Weeks Hall, 1215 W. Dayton St., Madison, WI 53706. O: (608) 263-3453 H: (608) 255-7062. (ST-86)MP Sponsors: J. W. Valley and L. G. Medaris, Jr.

Fritzsche, Thomas, Walklage 12-A, 3400 Goettingen, W. Germany 3400. (ST-86)MI Sponsors: W. Weinberg and Prof. Dr. M. Rosenhauer.

Greenidge, Darius, University of Pittsburgh, 321 Old Engineering Hall, Pittsburgh, PA 15260. O: (412) 624-4729. (ST-86)MI Sponsors: A. J. Cohen and E. G. Lidiak.

Hall, Don, 10B Walls Branch Rd., Blacksburg, VA 24060. H: (703) 961-0438. (ST-86)EG Sponsors: P.H. Ribbe and R.J. Bodnar.

Hall, Mark H., Rt. 1, Box B-10, Fountain Trailer Park, Blacksburg, VA 24060. O: (703) 961-6700 H: (703) 951-0438. (ST-86)IP Sponsors: P. H. Ribbe and C. G. Lindsay.

In Memoriam

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

Berman, Joseph
Life Member, 1946

Zannaras, John P.
Life Member, 1946

Hanson, Alain R.D., 136 Avenue de Peville, Grivegne-Liege, Belgium, B4030. O: (041) 56.22.04. H: (041) 42.18.19. (ST-86)MI Sponsor: F. A. Mathieu.

Ikingura, Justinian, Geology Dept., Carleton University, Ottawa, Ontario, Canada K1S 5B6. H: (613) 224-2420. (ST-86)EG Sponsors: G. Y. Chao and J. M. Moore.

Jackson, Mark D., Dept. of Geological Sciences, Virginia Tech., Blacksburg, VA 24061. O: (703) 961-6227 H: (703) 951-2511. (M-86)MI Sponsors: P. H. Ribbe and G. V. Gibbs.

Khattak, M. Umar Khan, Dept. of Geological Sciences, AJ-20, University of Washington, Seattle, WA 98195. O: (206) 543-1975. (ST-86)IP Sponsors: B. W. Evans and M. S. Ghiorso.

Lee, Ming-Kuo, 245 Natural History Bldg., 1301 W. Green St., University of Illinois, Urbana, IL 61801. O: (217) 244-0401. H: (217) 332-2263. (ST-86)GE Sponsors: C. M. Bethke and W-H. Yang.

Martin, Matthew Reed, 4100 North #G104, Nacogdoches, TX 75961. H: (409) 460-4060. (ST-86)MI Sponsor: MSA.

Richardson, Jean M., Geology Carleton Univ., Ottawa, Ontario, Canada K1S5B6. O: (613) 564-2630. H: (613) 231-2479. (ST-86)IP Sponsors: V. Trommsdorff and G. Y. Chao.

Silverberg, David S., MIT, 54-1224, Dept. of Earth & Planetary Science, 77 Massachusetts Avenue, Cambridge, MA 02139. (ST-86) Sponsor: MSA.

Spanjers, Raymond D., P.O. Box 795, Bessemer City, NC 28016. (M-86)IP Sponsor: E. F. Stoddard.

Swapp, Susan, Dept. of Geological Sci., Guyot Hall, Princeton University, Princeton, NJ 08544. O: (609) 452-4097. H: (609) 683-8649. (M-86)MP Sponsors: A. Navrotsky and L. Hollister.

Wetherbee, Paul, Weeks Hall, Dept of Geological Sciences, University of Wisconsin, 1215 W. Dayton St., Madison, WI 53706. H: (608) 261-6607. (ST-86)EG Sponsors: P. E. Brown and J. W. Valley.

Assistance Please

Milton Laden is seeking letters or copies thereof written by the late Dr. Edgar Theodore Wherry who lived from 1885 to 1982. Arrangements have been made with the Academy of Natural Sciences in Philadelphia to establish, house, catalog and service the Wherry Collection for the benefit of students and researchers. Letters or copies of letters from Dr. Wherry should be sent to Mr. Laden at 334 Wellesley Road, Philadelphia, PA 19119.

The Encargado Biblioteca, Universidad Mayor de San Andres, Bolivia is attempting to start a library for its geological sciences faculty. Members interested in donating back issues of journals to this institution should contact Bernardo Bedregal A., Encargado Biblioteca, Fac. Ciencias Geologicas, Universidad Mayor de San Andres, Av. 6 de Agosto 2180, La Paz, Bolivia.

MSA Members in the News

Congratulations to . . . **Gerald M. Friedman**, Northeastern Science Foundation, who was awarded an Honorary Doctorate by the University of Heidelberg, Germany in June and an Honorary Membership in the International Association of Sedimentologists in August . . . **Brian D. Leavy**, New Mexico Institute of Mining and Technology, recipient of a Geological Society of America research grant and one of only 20 Outstanding Mention Awards for his 1986/87 field research project titled: "Dating of Young Volcanic Rocks Using the Buildup of Cosmogenic Light, Rare Isotopes" . . . **Carl Francis**, Harvard Mineralogical Museum, was cited in an article, Mount Mica's Buried Treasure, in the May 1986 issue of *Yankee Magazine* as a documentor of Mount Rubellite, a new mine in Maine that has uncovered specimens of lepidolite, pollucite, apatite, mica, feldspar, quartz garnet, and tourmaline . . . **E-an Zen**, U.S. Geological Survey, received the GSA's Day Medal for the application of physics and chemistry to earth-science problems Monday evening, November 10, in San Antonio.

This column is for recognizing outstanding achievements by MSA members. Please help us recognize all members by sending this type of information to the MSA Business Office, 1625 I Street N.W., Suite 414, Washington, D.C. 20006.

For Your Information

The 28th International Geological Congress (IGC) will be held in Washington, D.C. in July of 1989. This is the first time since 1933 that the United States is hosting the Congress. Mark your calendars now and watch for further information in this newsletter.

Indaba on the Tectonic Setting of Layered Intrusives, is the title of a meeting sponsored by the Geological Society of South Africa, 27-28 July 1987. Organized by the University of Pretoria, the meetings aim to provide a forum for informal discussions on the relationships between, and possible interdependence of, the tectonic setting, size, age, mineralization, and parental magmas of layered igneous bodies. More information may be obtained by writing the Secretary, Indaba Organizing Committee, Department of Geology, University of Pretoria, Pretoria, South Africa.

The Sixth Meeting of the European Clay Groups will be held 7-10 September 1987 in Sevilla, Spain. The deadline for abstracts is 28 February 1987. For abstract format instructions and registration fees, contact

Prof. Emilio Galan, EUROCLAY '87, Dpto. de Geologia, Facultad de Quimica, Apartado 553, Universidad de Sevilla, 41071 Sevilla (Spain).

Information on the 1986 Powder Diffraction File featuring Set 36, which contains 1,500 Inorganic patterns and 500 Organic and Organometallic patterns, is available from JCPDS—International Centre for Diffraction Data, 1601 Park Lane, Swarthmore, PA 19081-2389.

The First Circular for the Second World Congress on Non-Metallic Minerals is now available. The meeting will be held 4-8 September 1989 in Beijing, China. The deadline for abstracts is 30 December 1988. For more information on field trips, and the science program, contact the organizers at the following address: WCNMM 1989, Wuhan University of Technology, Wuhan, Hubei, China. Cable 5220.

The 15th General Meeting of the International Mineralogical Association will be held in Beijing, China, in the Summer of 1990. Information will be published in this newsletter as it becomes available.

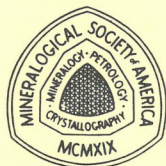
Member Contributions Reach New Levels

The MSA membership contributed \$1780 to the Mineralogy/Petrology Research Grant Fund and \$675 to the Crystallography Research Grant Fund in 1986. These contributions enabled the funds to remain self-sustaining with a \$3500 biennial grant.

If MSA is to increase the amount of the grants or their frequency, however, additional contributions are needed each year. Your donation goes into a fund that is used exclusively to support student research. The Mineralogy/Petrology and Crystallography Research Grant Funds are separate funds. The money in these funds is not used for administrative purposes.

Demonstrate your support for these grants. All contributions are tax deductible and need not be large. The average contribution for the past two years has been less than \$25 proving that small amounts add up to important dollars for research.

Happy Holidays and Best Wishes for 1987 from the MSA Council and Staff



Mineralogical Society of America

1625 I Street N.W., Suite 414

Washington, D.C. 20006

Non-Profit Org.
U.S. Postage
PAID
Permit No. 515
Washington, D.C.