Supplement to *Meteoritics & Planetary Science*, vol. 48, no. 12

The Meteoritical Society Newsletter

(December 2013)

A report of the business carried out by the society over the past year, edited by Greg Herzog, Secretary.

IN THIS ISSUE

Important reminders

Please renew your membership before Dec 15 as the society has to pay the costs of mailing late reminders. Members renewing after March 31 incur a $15 surcharge and risk missing issues of *MAPS*. You can renew online at http://metsoc.meteoriticalsociety.net.

Nominate your colleagues and students for awards. Nominations for Fellows will be considered this year. Deadlines are in January. See the Awards section for details.

Proposals to host the 2018 MetSoc meeting are due in March. Please contact the secretary for procedures.

FROM THE PRESIDENT

Welcome to the Newsletter of 2013, an account of the business of the Meteoritical Society which has taken place over the past year. This is my first (of two!) Newsletters as President, and it is a great pleasure to have this forum through which to talk to members of the Society. The first thing I wish to do here is to record my thanks to Ed Scott, as outgoing President. He did a sterling job, seeing the Society through quite a turbulent time as a new Executive Editor was appointed for GCA. I am glad, though, that the way our Council works is that Ed stays on for two more years as Past President, so I am not going to lose his expertise and will still be able to benefit from his advice. I would also like to thank Hiroko Nagahara for her 6 years' service as Vice President, President, then Past President, as well as Councilors Gretchen Benedix, Harold Connelly, Alex Deutsch and Keiji Misawa who all rotated off Council at the end of 2012. Welcome to Jay Melosh, Larry Nittler, Maria Schönbächler and Hisayoshi Yurimoto who joined as Councilors at the beginning of 2013.

One of the salutary things about taking office in a Society is the recognition that you are a small part in a well-run and successful institution, and that your part is finite. And so the first job of the in-coming President is to nominate a working group to put together the slate of nominees for membership of the next Council. Herewith, my sincere thanks to the Nominating Committee for 2013-2014, Gretchen Benedix, Bill Bottke, Denton Ebel, Mathieu Gounelle, Dave Kring, and our former President Hiroko Nagahara (Chair). The slate which they have produced is given below, along with how we proceed about accepting (or otherwise) the nominations.

The next set of thanks and plaudits goes to Chris Herd and his team at the University of Alberta, for organisation of an excellent meeting this summer. Our Annual Meeting is the highlight of the Society's calendar, and this year's conference in Edmonton illustrated why that is the case: a programme of exciting

science complemented by social events, with plenty of time to catch up with old friends and meet new colleagues. We had a lively Barringer Lecture from Peter Brown, about fireballs, with some stunning footage from Tagish Lake and Chelyabinsk. Breakfast in a rotating restaurant was certainly a fresh experience for me! Chris gives a full account of the meeting later on in the Newsletter – I just want to repeat my thanks to him for all the hard work that goes into organisation of an international conference on this scale. It is truly appreciated by Society members.

Having said that, I don't want to put off Hasnaa Chennaoui Aoudjehane and her team from organising our next meeting! This is due to take place in Casablanca, Morocco, in September next year. This is another key achievement for the Society, as it is the first time that we have had our annual meeting in North Africa. Casablanca is well-known from the 1942 Humphrey Bogart film, but the city has changed quite a bit since then! It is now a cosmopolitan city and a major tourist destination. I look forward to seeing many Society members in Casablanca next year. Hasnaa tells us more about the meeting later in the Newsletter.

Amongst the highlights of the Annual Meeting is the Awards Ceremony – our chance to celebrate the scientific achievements of our colleagues. It gave me great pleasure to present the Leonard Medal to Professor Ahmed El Goresy, for his work on mineralogy of meteorites. The citation is given below, in the report from the Leonard Medal committee. I have abbreviated it, because if I tried to detail Ahmed's contributions in the fields of iron meteorites, martian meteorites, chondrites, shock processes and sulphides, I would be bound to miss lots of things! Suffice it to say that his Leonard Medal talk was a rigorous and detailed description of his latest work on martian meteorites, and I look forward to seeing it in *MAPS*. I was also delighted to present the Barringer Award to Professor Walter Alvarez, for his pioneering work on the geological changes that occurred at the end of the Cretaceous, and how they might have been brought about. He, too, gave an excellent award talk, discursive and philosophical, looking at the new challenges facing the Earth. The Nier Prize is an award made to an early-career scientist, and I was pleased that this year to present the Prize to Dr. Audrey Bouvier for her work on chronology. There was an extra-special symmetry to the awards ceremony, as Audrey was one of the nominators of Ahmed El Goresy for the Leonard Medal. Dr Jeff Grossman was the recipient of the Service Award of the Society, for his dedication to the Database. I enjoyed making the presentation of Life Membership of the Society to him, but was unable to convince him that this also meant being Editor of the Meteoritical Bulletin and/or Database for life.

This year we are again grateful to sponsors for awards to students for their presentations. Cari Corrigan, Chair of the McKay Award Committee organised a large team of people to attend all the presentations and view posters. It was not an easy task, as the standard of presentations was incredibly high. The winners are listed in the Awards section of this Newsletter.

Thank you to Cari and her team for their efforts. And thank you to all the sponsors, including the Barringer Crater Company, who make it possible for so many students to attend the meeting.

The Awards ceremony is a reminder that one of the most valuable ways in which we can contribute to the Society is through nomination of our colleagues for the different awards, whether it be as an early-career scientist, or for achievements following a distinguished career. There are several different committees to whom nominations should be made, and details are available below and on our Society website.

One of the issues that we as a Society have grappled with over the years is the potentially illegal export of meteorites from countries where meteorite ownership issues are less than clear-cut. We cannot police collection and trade in meteorites, but what we can do is to establish guidelines to help dealers, collectors, curators and researchers work together to ensure that legitimate collection and trade in meteorites proceeds securely. We have already made an excellent start in this area, with the requirement from the Society's Nomenclature Committee that specific material must be lodged in a recognised repository and made available for research. Without this requirement being fulfilled, a meteorite will not receive an 'official' name. And, with the co-operation of the Editors of our journals, submissions concerning unnamed meteorites will not be accepted for publication. To ensure that other concerns about potential illegalities are addressed, I have established an *ad hoc* working group to draft additional guidelines for the Society. Because this is a knotty issue, membership of the working Group comprises the five immediate Past Presidents of the Society: Joe Goldstein, Gary Huss, Hiroko Nagahara, Herbert Palme (Chair) and Ed Scott. I hope that the

Working Group will be able to provide Council with an interim account of its findings by the time of the Council Meeting in March.

One of the most obvious outputs of the Meteoritical Society is its publication profile, and we are very fortunate to have our own journal, Meteoritics and Planetary Sciences, as well as editorial oversight, with the Geochemical Society, of *Geochimica et Cosmochimica Acta*. The journals go from strength to strength, under the careful editorships of Tim Jull and Marc Norman, respectively, supported by their editorial boards. If we don't publish our research, we may as well not do it, so Tim and Marc deserve huge thanks from us all, for their contributions to our success. We are just about to start negotiating new contracts with Wiley (for *MAPS*) and Elsevier (for GCA). This is probably a task that we take for granted, because it just 'seems to happen'. This is clearly not the case, and Munir Humayun (Chair of the Joint Publications Committee) and George Flynn (Chair of the Meteoritical Society Publications Committee), along with the members of the two committees, are gratefully acknowledged for the hard work that goes into keeping our journals on track. There are at least two concerns that will be debated during the forthcoming negotiations: print versus electronic-only publication, and open access agreements. I look forward to seeing how these progress. Our third publication is *Elements*, the bimonthly magazine which is co-owned by a group of scientific societies, and to which we contribute. Our *Elements* editor is Cari Corrigan, who puts together our pages for each issue. This is not an easy job – so when Cari comes knocking at your door, requesting input, please respond in a timely fashion. *Elements* has a very wide circulation, and our pages are an advertisement for the Society, generating additional interest in the subject, and garnering citations from more general audiences. It is also a more frequent way to share our news than the annual Newsletter - so another round of thanks is due to Cari for her hard work.

Monica Grady
November, 2013

ANNUAL MEETINGS

UPCOMING MEETINGS			
Year	Location	Dates	Contact
2014	Casablanca, Morocco	September 8-12	chennaoui_h@yahoo.fr
2015	Berkeley, California, USA	July 27-31	kuni@ssl.berkeley.edu
2016	Berlin, Germany	August 7-12	Uwe.Reimold@mfn-berlin.de
2017	New Mexico, USA		

2013 Annual Meeting, Edmonton, Alberta, Canada

The 76th annual meeting of the Meteoritical Society was held in Edmonton, Canada from July 29th to August 2nd, 2013 at the Chateau Lacombe Hotel, hosted by the University of Alberta and MacEwan University. The program committee used the 366 abstracts submitted to create an exciting program including new reports on Chelyabinsk and NWA 7034 (and paired) meteorites. Oral presentations were accommodated in two parallel sessions that ran through to Friday afternoon with poster sessions on Tuesday and Thursday evenings. The

meeting was attended by 324 people from around the world, including 239 member and non-member participants, 60 students, and 25 guests.

Thirty-eight students and 2 professionals from low-income countries were awarded travel funds totaling ~$49,000 primarily through support of the Barringer Crater Company, NASA Cosmochemistry, and the Meteoritical Society Endowment Fund. Four of the students were undergraduates from Canadian Universities outside of Edmonton; these students' attendance was enabled by bursaries from the Royal Astronomical Society of Canada (RASC), Edmonton Centre.

The scientific program covered a wide range of topics including: chondrites and their components, textures and models of formation; differentiated meteorites, lunar and martian meteorites; stable and radiogenic isotopic constraints on solar system formation and evolution; organic matter; shock processes recorded in Earth and planetary samples; secondary asteroid parent body processes, meteorite exposure histories, physical properties, and dynamical origins; and developments in analytical techniques for meteorite analysis. Special sessions included the topics of Chelyabinsk (fireball and associated meteorites), Impact Cratering, and Advanced Curation of Current and Future Extraterrestrial Samples. Everything was kept running smoothly by the ~25 volunteers (an interesting mix of University students and RASC members) and their coordinator, Dr. Amy Riches.

The Barringer Invitational Lecture was presented by Prof Peter Brown (University of Western Ontario) on Fireballs Producing Meteorites: from Tagish Lake to Chelyabinsk. The lecture was the perfect mixture of good science and general interest, and was very well received by ~400 meeting attendees and members of the public.

A limited-engagement meteorite exhibit was arranged in conjunction with the meeting, in the Gallery at Enterprise Square at the University of Alberta's downtown campus. The exhibit, which featured five specimens of Chelyabinsk (on loan from Russia thanks to Marina Ivanova), as well as a special selection of meteorites from the University of Alberta Meteorite Collection, including Tagish Lake, Bruderheim, Peace River, Innisfree and Vilna, was available during the poster sessions, which were held in the same galleries. Over 600 members of the public viewed the exhibit over 5 days.

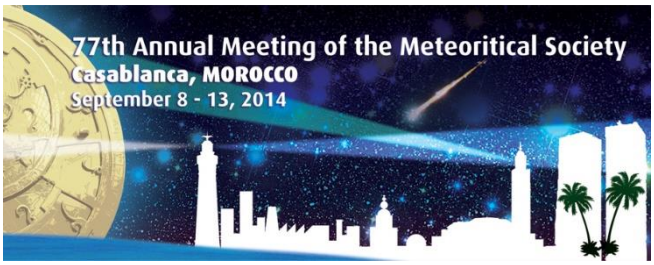
On Wednesday afternoon participants explored the local area, with trips to the Fort Edmonton historic park, down the North Saskatchewan River by raft, to Elk Island National Park and the Ukrainian Cultural Heritage Village, and to the cryogenic meteorite curation facility and ion probe lab on the University of Alberta campus. The banquet was held on the patio of the Centennial Centre for Interdisciplinary Science building at the University of Alberta, complemented by a beautiful, sunny Edmonton summer evening.

The pre-conference field trip to the K/T boundary layer in southern Alberta and the Royal Tyrrell Museum in Drumheller was a success thanks to leaders Roland Deschesne and Garren Dugan. Following the meeting was a one-day trip to the Whitecourt Crater, led by Chris Herd with lots of help from the kind folks from Woodlands County and the town of Whitecourt. Several meteorites were found and lots of fun was had riding on all-terrain vehicles. The trip concluded at the local Casino, where the food was so good that even Christian Koeberl commented on it.

2014 Annual Meeting in Casablanca, Morocco

The 77th annual meeting of the Meteoritical Society will take place in Casablanca, Morocco. the 77th Annual Meeting of the Meteoritical Society, to be held September 8-12, 2014, in Casablanca, Morocco, with field trips beginning on Saturday, September 13.

Casablanca is Morocco's largest city. Located in the North-west of Morocco on the Atlantic ocean, the city of Casablanca is known all over the world. In addition to being the economic capital of a fast developing country, "Casa" is a prestigious centre of art and architecture, showing a unique blend of traditional Mauresque architecture and Art Deco. To be immersed in this atmosphere, the meeting will be held in the Hyatt Regency Casablanca in the city centre, within walking



distance of hotels, railway station. Visit the website for Tourist information: http://www.tourisme.gov.ma/.

Plenary, oral, and poster sessions will be held in the conference centre at the Hyatt Regency Casablanca,

which will also provide accommodations for meeting attendees. Scheduled events include an icebreaker during the registration, a banquet, an award ceremony and several excursions. Two pre-conference workshops will be held at the Hyatt Regency Casablanca the weekend before the meeting and a post-conference field trip will be organized in the South Morocco.

This meeting will be a unique opportunity for researchers from Africa and Middle East to meet Planetary Sciences experts to trigger off discussions on the most advanced techniques for studying meteorites, cosmic dusts, asteroids and comets, and on their implications on the origin and the evolution of the Solar System. The conference will also outline the importance of such extra-terrestrial research field in countries adjacent to Sahara and Arabia, in which meteorites abound and impact craters exist or have yet to be discovered. Morocco is indeed one of the most important countries in the world for meteorite finds. It is the origin of most NWA meteorites and some rare specimen.

To keep posted, check the website, http://www.metsoc2014casablanca.org/whene_and_where.php. We look forward to welcoming you to Casablanca as next summer ends!

FROM THE TREASURER

This report summarizes the society's finances in Fiscal Year 2013 (FY13), 1 June 2012 to 31 May 2013. The society's finances are healthy and the budget is balanced under our current operations.

Assets

At the end of FY13, the balance of the Operating Fund was $154,822 and the portfolio value of the Investment Fund was $897,377. The Investment Fund contains three endowed funds: the General Endowment Fund, the Nier Fund, and the Gordon A. McKay Fund. At the March 2013 Council meeting, Council voted to establish a Reserve Fund within the Investment Fund, with a flat value of $100,000. The new Reserve Fund uses money that has been transferred from the Operating Fund in the last couple of years because the Operating Fund had a large cash surplus. At the end of FY13 the distribution within the various funds within the Investment Fund was as follows: General Endowment Fund, 75.77%; Nier Fund, 6.43%; Gordon A. McKay Fund, 6.67%; Reserve Fund 11.14%.

Operating Fund

FY13 was the third year of publishing *MAPS* with Wiley. Our operating budget includes two kinds of income from Wiley: an agreed sum that supports the *MAPS* Editorial Office, as well as royalty income which is based on Wiley's total *MAPS* revenue. The final royalty amount we received for calendar year 2012 was $36,769. Some of Wiley's revenue consists of *MAPS* subscriptions which members pay as part of their membership dues. Overall, in FY13, the society budget for publication of *MAPS* was close to breaking even. Our agreement with Wiley is on a stable financial footing.

In FY13, loans totaling $67,158 to the Cairns MetSoc meeting were returned to the Operating Fund. The Cairns meeting organizers also transferred a conference surplus of $3,302 to the Operating Fund. A loan of $15,000 was made to the Edmonton MetSoc meeting.

The Operating Fund budget for FY13 is close to being balanced, neglecting fluctuations due to advance payments to and surpluses from our annual meetings. The budget includes the society's membership to *Elements* magazine, which costs approximately $16,000 per year. Council decided to keep membership rates at the 2013 level for 2014.

Gifts

We thank the 189 Society members who generously contributed gifts to the Endowment, Nier, and McKay Funds in the past fiscal year. The total of gifts received was close to $13,000. These contributions helped support workshops, awards, student and professional travel and other activities. Members were also invited to donate directly to support travel for professional members from low-income countries to attend the Annual Meeting. A total of $1,165 was raised, and this money was used to partially support travel for two scientists who attended the meeting in Edmonton.

The following members contributed $100 or more during FY13:

E. Anders, J-L. Birck, A. Bouvier, A. Brearley, D. Burnett, G. Crozaz, H. Csadek, N. Dauphas, P. De Carli, D. Dickson, T. Fagan, B. French, M. Gaffey, S. Genest, E. Gnos, J. Goldstein, D. Gotz, M. Grady, E. Grew, J. Grossman, F. Gyngard, G. Herzog, H. Hiyagon, M. Honda, I. Hutcheon, R. Jones, J. Kashuba, N. Kita, C. Koeberl, L. Labenne, D. Lauretta, T. McElvain, L. McFadden, K. McKeegan, H. Melosh, K. Nagao, T. Nakamura, B. Narendra, H. Nishimura, M. Nolan, L. Nyquist, E. Olsen, D. Papanastassiou, C. Park, C. Pell, R. Pepin, R. Reedy, E. Scott, M. Strait, T. Swindle, R. Tabor, K. Takahashi, L. Taylor, A. Treiman, C. Velsko, J. Wacker, R. Walker, J. Wasson, M. Zolensky.

The following members also made donations:

D. Abbott, N. Abreu, C. Arps, R. Auth, N. Barlow, J. Beckett, R. Bild, M. Biren, H. Boettcher, A. Brogioni, D. Brownlee, H. Brueckner, M. Bukovanska, P. Buseck, A. Butterworth, P. Cassen, R. Clarke, K. Conner, A. Crosta, C. Deiro, M. Dence, D. Dietz, G. Dominguez, B. Dressler, N. Eberz, J. Edmunson, A. Ehlmann, O. Eugster, K. Evans, W. Farrell, J. Filiberto, W. Finney, R. Flemming, J. Friedrich, J. Gilmour, M. Giscard, G. Giuli, B. Glass, S. Hanke, D. Harries, W. Hartmann, L. Hecht, Y. Hidaka, L. Hill, E. Hoffman, C. Hohenberg, S. Hopper, P. Houston, A. Hunt, M. Hutson, Y. Ikeda, S. Jelgren, O. Jentsch, E. Jessberger, L. Keller, W. Keller, C. Kohl, R. Korotev, A. Kracher, L. Lebofsky, R. Lewis, Y. Liu, J-C. Lorin, G. Lugmair, C. Lundquist, W. MacDonald, G. McCall, H. McLean, S. McLennan, H. McSween, D. Meisel, S. Messenger, B. Meyer, F. Meyer, T. Mikouchi, D. Milton, Y. Miura, C. Moore, G. Moore, E. Murad, H. Nagahara, J. Nauber, D. Nava, J. Otto, M. Ozima, H. Palme, D. Peate, C. Pillinger, L. Plansky, H. Plotkin, R. Pohle, A. Pun, D. Record, M. Robson, D. Ross, A. Rubin, A. Ruzicka, K. Sakamoto, I. Sanders, S. Sandford, M. Schönbächler, W. Schroer, S. Schwenzer, J. Sewell, M. Shima, P. Signer, P. Sipiera, R. Smith, R. St. Clair, D. Stöffler, R. Stroud, S. Tachibana, N. Takaoka, S. Taylor, M. Telus, H. Thiel, W. Thompson, T. Tomiyama, G. Turner, M. Velbel, D. Walker, R. Walter, T. Webb, K. Welten, A. Westphal, S. Winzer, S. Wolf, P. Wozniakiewicz, H. Yurimoto, E. Zinner.

Rhian Jones
October, 2013

FROM THE ENDOWMENT COMMITTEE

Project grants during the last 12 months

Endowment Committee Members for 2013 are Drew Barringer (co-chair), Marc Caffee, Joe Goldstein, Uwe Reimold (co-chair), and Paul Warren.

1. The Council ratified the March 2013 Committee recommendation to support the *Gordon Conference on Origin of Solar Systems* with a $ 2,500 grant from the General Endowment. Details concerning the conference are on line at http://www.grc.org/programs.aspx?year=2013&program=origins.

2. For the last 3 years, MetSoc has supported Annual Meetings with a sponsorship of $ 4000, from the General Endowment but in part offset by members' contributions, to be dedicated to subsidies for scientists from low-income countries to attend the annual meeting. The EC recommended to Council the continuation of this support for 2 more years. At the meeting in Edmonton, the Council passed a motion to this effect.

3. Lindy Elkins-Tanton (Carnegie Institution) wrote to ask whether the Meteoritical Society might be willing to help support student attendance at an upcoming Workshop on Planetesimal Formation and Differentiation (in Washington DC, 27-29 October 2013). The Committee recommended that the Council approve the request, which it did by an e-mail ballot in early July.

Uwe Reimold
November 2013

Legacy Program for the Meteoritical Society

At the 2012 Australian meeting in Cairns, the Council approved a proposal by the endowment committee to establish a Legacy Program for the Society. The purpose of the Legacy Program is to raise funds for the endowment to preserve and enhance the programs of the Meteoritical Society and to provide the Society the financial support needed so that yearly dues can continue to be modest, especially for student members. The Legacy program provides a vehicle for our members and supporters who want to leave a means of support that will continue well into the future. For most of us the contribution will come at a much later time since a legacy gift is typically given in a will and does not have a major impact on immediate finances.

The Meteoritical Society has begun to recognize members of the Legacy program in several ways, on the society web page, at our annual meetings, and in our newsletters. This past year a half dozen members of the society have joined the Legacy Program and many more have shown interest. Several of these members are past presidents and Leonard medalists and/or have been strong supporters of the Society over the years. We honored these members as well as colleagues who have contributed to the Society in recent years at a special reception sponsored by the endowment committee at our meeting in Edmonton.

We expect that in the next few years, many more members will join the Legacy Program as they decide that they want to recognize the importance of our society to our professional and personal lives. The Legacy Committee members are: Drew Barringer, Candace Kohl, Hap McSween, Ed Scott, Tim Swindle, Rhian Jones (treasurer) and Joe Goldstein (chair). A brochure about the Legacy Program should be available in the new year.

Joe Goldstein
November, 2013

PUBLICATIONS REPORTS

MAPS

I would like to summarize briefly the status of our journal, Meteoritics and Planetary Science with emphasis on a few highlights. Scientifically, the journal continues to do well. The journal continues into new terrain with open access and electronic publication; we will only see over time how these new policies and technologies impact our publication.

Paper submission for 2012-2013

From Jan 1, 2012 to July 1, 2013, we received 393 papers of various kinds, of which 375 are actual scientific papers. This represents a submission rate of 250 manuscripts per year, similar to last year.

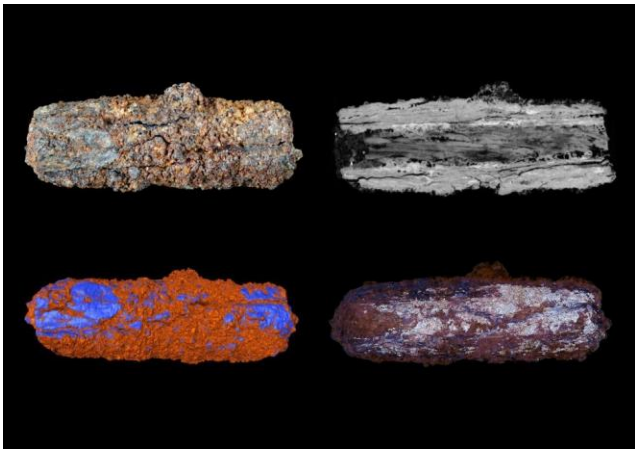
The increase has put a considerable load on some associate editors. The "accept" ratio was 77.5% for a total of 252 papers decided over the same 18 months (1/2012-6/2013).

Online journal

The Wiley system has uploaded an archive of all back issues of the journal. All back issues more than two years old are open-access. The abstracts of meetings are all open.

Open Access Policies

From the cover of *MAPS*: A bead from the Gerzeh tomb was fashioned from an iron meteorite and represents the earliest known use of iron in Egypt D. Johnson et al., *MAPS*, **48**(6), June, 2013, 997-1006.



We have on-going discussions with the publisher about the impact of the new open-access policies in the UK and expected changes to open access in the US. Wiley will adapt to any new regulatory requirements as needed. At the moment, it appears that only new UK manuscripts submitted after 1 April need to follow open-access rules – however the administrative and financial mechanisms for funding

the implementation of these rules are still unclear. One obvious question is how to define the nationality of a multi-author, multi-institution paper.

There are two forms of open-access to which we should pay attention.

Gold Open Access. The paper is made available to any reader immediately on publication on-line. The costs of this service are currently about $3,000 per article. It is expected these costs will decline in future. Gold Open Access is available to any author, regardless of location. The UK encourages authors to publish in this way if the author can obtain funds from his university's funds for open access. Note that in the case of "gold access" the copyright remains with the authors.

Green Open Access. The paper is made openly available after some waiting period, usually 6 months to 1 year. The US government has required this for National Institutes of Health-funded work, and is likely to require it for NASA and NSF-funded work in the future. At the moment, this is under study by the US administration. In the UK, this is required for all papers submitted after 1 April 2013.

Production and Typesetting of Papers

There are no production delays in the production of papers. Minor problems are generally worked out at weekly telephone conferences with Wiley personnel. The print issues for November and December of 2012 were delayed. These were mailed in Europe on 29 January and 4 February, respectively. They were apparently mailed at different times to different parts of the world. One particular problem involved US addresses. This matter has now been resolved by the publisher and resulted from the way in which a mailing contractor sent the mail into the US Postal Service.

Print Statistics

The table below shows a summary of Number of Papers Printed since 2003: In 2012, we were within 208 pages of the agreed page budget with Wiley. We expect to increase the page budget for 2014.

Year	No. of Papers	Paper Pages[1]	Pages/ Paper	Total Pages Incl. supplements
2013	99 [4]	1764 [5]	16.9	2158 [3]
2012	152 [1]	2287	15.13	2775 [3]
2011	116	1948	16.8	2212 [2]
2010	118	2015	17.1	2249
2009	122	1818	14.9	2047
2008	139	2107	15.2	2316
2007	142	2182	15.4	2375
2006	132	1994	15.1	2233
2005	117	1922	16.4	2187
2004	136	2067	15.2	2352
2003	127	1880	14.8	2123

1. Up to Sept 2013. Not including 5 award citations, 3 book reviews.
2. Including electronic supplements for abstracts
3. Including electronic supplements for abstracts and Meteoritical Bulletin.
4. Including 4 reports and 2 comments. Not 5. including 3 book reviews and one errata.
Including 9 electronic-only pages.

Electronic Supplements and Meteoritical Bulletin.

This year was the third one for electronic-only abstracts. We published 394 abstracts for the Edmonton meeting, compared to 436 abstracts for the 2013 Cairns meeting in Australia. In 2012, we also published the Meteoritical Bulletin as an electronic supplement. It appears as pages E1-E52 online.

Electronic-only papers.

For some time, the associate editors have been discussing ways to deal with papers perceived to be of more specialized interest, such as descriptions of new meteorites. This discussion has been partly driven by the submission of a considerable number of descriptive reports on meteorites from the Moon and Mars, of which there are now many, as well as on ordinary chondrites.

We have discussed various ideas over time, including among others, a revived, separate "reports" section, and rejecting descriptive papers entirely. The associate editors favor an intermediate course where descriptive papers are published only electronically.

We also had discussed a hybrid approach with full electronic posting and a one-page summary publication, similar to the Meteoritical Bulletin solution, but this caused indexing problems. So far, apart from the Meteoritical Bulletin, only one paper has been accepted and published as electronic-only (pages E1-E9). The process is not so easy because 1) every such paper must be fully indexed; 2) the title and location of the electronic document must appear in the published version of the journal; 3) for citation purposes, the electronic-only papers must be set up as full papers and are not not confused with "supplementary material". It is clear we will evolve over time to a more electronic

environment and the current solutions may not be ideal. Therefore, I expect discussion of these issues to continue.

Payment for Abstracts

For the Edmonton meeting, the organizers graciously agreed to collect an equivalent of $35 per registrant (plus GST) and to use these funds to pay the abstract fees to Wiley. We continue to discuss ways to collect the abstract payments, which we are obliged to do by our agreement with Wiley.

A. J. Timothy Jull
Editor, Meteoritics & Planetary Science
20 October 2013

GCA

As of mid-October, GCA has received over 800 new submissions so far this calendar year. Since April of last year, we have processed ~1270 manuscripts to a final decision, with an acceptance rate of 55%. The response of the meteoritical, cosmochemical, and geochemical research communities to our efforts to rebuild the Editorial Board has been positive and the Editorial Board now comprises 90 Associate Editors.

Articles on cosmochemistry and meteoritics continue to have a high profile within GCA, accounting for several of the most downloaded articles from the journal over the previous 3 months, and a number of our most highly cited articles since 2008. The Special Issue "Looking Inside: 3D Structures of Meteorites" was published in September, building on the successful special session of the 74th Annual Meteoritical Society Meeting in London. The issue contains 10 papers emphasising the application of micro-tomography to investigate the internal structures and origins of chondrites, martian meteorites, and particles returned by the Hayabusa space craft mission to asteroid 25143 Itokawa. Thank you to guest editors Dominik C. Hezel, Jon M. Friedrich, and Masayuki Uesugi for their efficient editorial handling of these manuscripts!

Thank you also to all members of the Meteoritical Society who have contributed manuscripts and reviews to GCA over the last year, and to our Associate Editors and the Joint Publication Committee. Your hard work and dedication to GCA really is very much appreciated.

Dr. Marc Norman, Executive Editor
October, 2013

Elements

Elements is a bimonthly publication with an international circulation of ~15,000 focusing on subjects and news of broad interest in the geological sciences. The Meteoritical Society publishes Society news on 1-2 pages per issue, and is responsible for a feature article ever other issue entitled "Cosmo*Elements*" that highlights hot topics in the fields of Meteoritics and Cosmochemistry. Most recently these have discussed Mercury (June, 2013) and Nitrogen in the Solar System (October, 2013). The Society has also taken part in producing a number of whole issues related to planetary science, including "Cosmochemistry" (February, 2011), "Impacts!" (February, 2012), and the upcoming "Asteroids" (slated for February, 2014). Under an agreement between *Elements* magazine and the Meteoritical Society, members receive printed copies of *Elements* as part of their membership package and have electronic access to all articles published by *Elements*, including past issues. The editor for the Meteoritical Society's contributions to *Elements* is Cari Corrigan (Smithsonian Institution).

Cari Corrigan
October, 2013

FROM THE NOMENCLATURE COMMITTEE

Since the last report, the Nomenclature Committee (NomCom) approved names and information for 2143 meteorites (including 829 from outside Antarctica) that will be published in Meteoritical Bulletin (MB) number 101. Another 1046 meteorites have been approved for MB 101. The NomCom is discussing how best to publish the Bulletin, now that all information is readily available – and searchable – in the Meteoritical Bulletin Database (MBDB). The main topic of discussion is ensuring proper archiving of the MBDB.

The topic of Type Specimen Repositories has been on the NomCom agenda for some time now, with efforts directed towards ensuring that any type specimens are properly curated over the long term so that they are available for scientific research. The process culminated recently in a new section on Type

Specimen Repositories in the NomCom Procedures. The section defines an acceptable repository and outlines the process for approval of new repositories and review of existing ones. The changes were approved by Council in March, and are now in effect. A copy of the procedures is available here: http://meteoriticalsociety.org/?page_id=107. The repository subcommittee has now formally approved 48 type specimen repositories from 18 countries, all of which supplied complete and acceptable information to the committee. If you have any questions about the status of your repository, please do not hesitate to contact me (herd@ualberta.ca).

In order to more efficiently deal with Dense Collection Area (DCA) submission, we have appointed Knut Metzler as a DCA Coordinator. The role of the DCA Coordinator is to verify submitted DCA boundaries, with the help of AEs on NomCom, communicate with submitters, and send out new DCAs for vote by NomCom. The system is working well so far.

Laurence Garvie has indicated that he will be stepping down as Editor of the Bulletin at the end of 2013, when second terms for Pierre Rochette, Caroline Smith, and Mike Weisberg will come to a close. Suggestions for new members are always welcome.

Please do not hesitate to contact me with questions or concerns about NomCom and especially with suggestions for improvement. Essential information on meteorite nomenclature, instructions and the template for reporting new meteorites may be found on our homepage,

http://meteoriticalsociety.org/?page_id=51.

Chris Herd
October 2013

FROM THE MEMBERSHIP COMMITTEE

Our Society continues to be strong with a 1000-plus membership base. Looking over the past year, we would like to take this opportunity to welcome new members and remember those who are no longer with us. The Membership Committee also has a special invitation to members who would like to share images.

New to Our Listings

New non-student members include: Arshad Ali, Leonie Bachmann, Bastian Baecker, Adam Bates, William Bottke, Robert Bralliar, William Patrick Branch, Moulley Charaf Chabou , James Darling, Dustin Thomas Dickens, Patricia Doyle, Maurizio Gemelli, Allan Halldorson, Charles Hassen, Guy Heinen, Thomas Herrera, Joseph Hilbe, Brendt Hyde, Iffat Jabeen, Benjamin Jacobsen, Herbert Jacobson, Reuben Carl Johnson, Grady Doyle Knox, Keith David Lemons, Anthony Balle Love, Audrey Martin, Desmond Moser, Michael Mulgrew, Peter Noga, Ryan Ogliore, Holger Pedersen, Anne Peslier, Theodore Raab, Tracy Rushmer, Michael Shepard, James Henry Shorten, Julie Smith, Frank Stroik, Robert Vallejo, Anthony Whyte, J. Gregory Wilson, and Josh Wimpenny.

Joining the Society are a healthy number of students. New student members include: Yuya Aoyagi, Daniel Applin, Katherine Armstrong, Jean-David Andre Bodenan, Michael Bramble, Richard Henry Broad, Nicholas Castle, Stephen Matthew Elardo, Stephen Matthew Elardo, Christopher Fry, Romy Hanna, Jinping Hu, Melinda Krebsz, Katarzyna Luszczek, Prajkta Mane, Courtney Anne Melrose, Jennifer Newman, Joseph Petrus, Annemarie Pickersgill, My Riebe, Rachel Victoria Roberts, Jared Shivak, Manoel David Souza, Suan Sprunger, Alastair William Tait, Atsushi Takenouchi, Dustin Ward, Grigoriy Alekseevich Yakovlev, Mehmet Yesiltas, and Tianhong Yu.

Deaths

We acknowledge with sadness the passing of several prominent members. These include John Kerridge, Masatake Honda, Paul De Carli, Peter Eberhardt, and Yuri Shukolyukov. Their efforts will be recognized for many years to come. Heartfelt condolences are given to families and friends.

An invitation to share images

Whether it is ancient meteorites, tiny micrometeorites, violently formed impactites, impressive meteors or craters, distant asteroids or comets, ultracold molecular clouds, or the large-scale origin and evolution of planetary systems, our Society

is dedicated to topics that are often extreme and visually dazzling. Taking advantage of this, the Membership Committee is in the process of acquiring images that we can share with others. With the help of webmaster Hiroshi Kaiden, these images will appear on the Society's website, including the homepage (at http://meteoriticalsociety.org/) and in a new image gallery. If you have images you have obtained and would like to freely share with the world, please send some of your best images to me with a short caption, and the Membership Committee will have a look. I can be reached by email at ruzickaa@pdx.edu.

Alex Ruzicka with the assistance of J. Alex Speer
October, 2013

AWARDS AND HONORS

Leonard Medal for 2014 to Roger Hewins

The Meteoritical Society recognizes Roger Hewins with its 2014 Leonard Medal for seminal petrologic and experimental studies on the origin of chondrules and, by extension, the mechanisms and environments of formation of these essential building blocks of meteorites and planetary bodies.

Nier Prize for 2014 to James Day

The Meteoritical Society recognizes James Martin Dines Day with its 2014 Nier Prize for significant contributions to an improved understanding of the late accretion history of the terrestrial planets and smaller planetary bodies of the inner solar system.

The recipients of the Leonard Medal and the Nier Prize were selected by the Leonard Medal Committee: Conel Alexander, Herbert Palme (Chair), François Robert, Noriko Kita, and Christine Floss.

Barringer Medal and Award for 2014 to Alex Deutsch

The 2013 Barringer Award is awarded to Dr. Alexander Deutsch for his broad contributions to the understanding of impact cratering. Alex's contributions are particular important in the areas of radiometric dating of terrestrial and lunar impact events, isotopic geochemistry and petrology of impact rocks from terrestrial impact craters, and experiments in shock metamorphism. Alex's contribution to the scientific community in terms of community service, meeting organization and editorial service have all been important contributions that have advanced the broader science of impact cratering.

The Barringer Medal Committee selected the recipient of this award. The committee members were Jeff Plescia (Chair), Barbara Cohen, Alvarao Crosta, and Mark Burchell.

Service Award for 2014 to Roy S. Clarke, Jr.

The Service Award for 2014 is awarded to Roy Clarke, Jr., for his role in helping to build the meteorite collection at the Smithsonian into a national and international resource, for archival and historical work important to the Society, and for efforts that helped guide the Society at critical moments.

The Service Award recipient for 2013 was selected by the Membership Committee: Takuya Kunihiro, Jutta , Larry Lebofsky, Alex Ruzicka (Chair), Melissa Strait, and Erin Walton.

McKay Award for 2013 to N.G. Lunning

The McKay Award for 2013 to N. G. Lunning, University of Tennessee (nlunning@utk.edu) for the presentation, "Heterogeneity in the Vestan Regolith: Evidence from the GRO 95 HED Pairing Group"

Wiley-Blackwell Awards for 2013

Wiley-Blackwell, the publisher of our journal, *Meteoritics and Planetary Science*, again sponsored four awards of $500 each for outstanding presentations by students at our 76th Annual meeting. The 2013 winners are:

C. Jilly, University of Hawai'i for the presentation, "In-situ Radiometric Dating of Aqueously Formed Carbonates in Sutter's Mill"

J. Hu, Arizona State University for the presentation, "Shock Metamorphism in L Chondrites Above Shock Stage S6"

A. Krzesinska, Polish Academy of Sciences for the presentation, "Multiple Impact Deformation of the Pultusk H-Chondrite"

N. Williams, University of Manchester for the presentation, "Absolute and mass-dependent titanium isotope compositions of solar system materials."

The recipients of the McKay Award and the Wiley Blackwell Awards for 2013 were selected by a committee with the following members: Cari Corrigan (Chair), Erin Hauck (Vice Chair), and judges Gretchen Benedix, Emma Bullock, Hitesh Changela, Hasnaa Chennaoui, Guy Consolmagno, Brad De Gregorio, Tasha Dunn, Justin Filiberto, Christine Floss, Jon Friedrich, Adam Garde, Brendt Hyde, Martin Lee, Keiko Nakamura-Messenger, Jeff Plescia, Caroline Smith, Lucy Thompson, Allan Treiman, Mini Wadhwa, and Axel Wittmann.

Pellas-Ryder Award for 2013

The winner of the 2013 Pellas-Ryder Award is Christoph Burkhardt for the paper Burkhardt C., Kleine T., Dauphas N. and Wieler R. (2012) Origin of isotopic heterogeneity in the solar nebula by thermal processing and mixing of nebular dust, published in *Earth Planet. Sci. Lett.* **357-358**, 298-307.

The selection of the Pellas-Ryder award for 2013 was made, as always, by a joint committee of the Meteoritical Society (MS) and the Geological Society of America (GSA). Its members for this award year were Bob Anderson (GSA), Phil Bland (MS), Devon Burr (GSA), Hilary Downes (MS), Simon Kattenhorn (GSA) and Mario Trieloff (MS, chair).

CALL FOR NOMINATIONS: AWARDS AND FELLOWS

The society depends on its members to nominate deserving candidates for its awards and Fellows. Your participation is needed and important. The procedures for making a nomination are summarized here and can also be found on our website, http://meteoriticalsociety.org/?page_id=66.

Nominations for Meteoritical Society awards should be sent, preferably by email with electronic attachments, to the appropriate committee chair (listed at the end of each paragraph) with a copy to the secretary, Greg Herzog (MetSocSec@gmail.com).

Leonard Medal and Nier Prize -- Deadline January 15, 2014

The Leonard Medal honors outstanding contributions to the science of meteoritics and closely allied fields. It was established in 1962 to honor the first President of the Society, Frederick C. Leonard. Nominations for the Leonard Medal should include:

a formal letter of nomination,

a biographical sketch of the candidate,

a list of publications covering the work to be considered for the award,

additional substantive information, such as statements as to the importance of the nominee's research to the field of meteoritics and/or to the research of others,

one seconding letter in support of the nomination (additional letters are encouraged).

The Nier Prize recognizes outstanding research in meteoritics and closely allied fields by young scientists. The award was established in 1995 to honor the memory of Alfred O. C. Nier, and is supported by an endowment given by Mrs. Ardis H. Nier.

Broader eligibility constraints this year for Nier prize nominees

In 2013 and with the approval of the Nier family, the eligibility requirements for the Nier Prize were changed as follows: The recipient will be a scientist who has not yet reached his or her thirty-fifth birthday at the end of the calendar year in which he or she is selected by the Council, or whose doctorate was awarded no more than seven calendar years before the year of selection by the Council. For 2014, this language means that the nominee must either have 1) been born on or after January 1, 1980; or 2) or received the doctorate on or after January 1, 2007.

Nominations for the Nier prize should include the items listed above for the Leonard Medal. They should also include the candidate's date of birth and the date on which the doctorate was awarded. If the research for the Nier Prize was performed and published with a research advisor or with multiple authors, a statement must be included that describes the nominee's leading role in the research.

Barringer Medal -- Deadline January 15, 2013

The Barringer Medal and Award recognize outstanding work in the field of impact cratering and/or work that has led to a better understanding of impact phenomena. The Barringer Medal and Award were

established in 1982 to honor the memory of D. Moreau Barringer Sr. and his son D. Moreau Barringer Jr. and are sponsored by the Barringer Crater Company. Nominating letters should include:

a biographical sketch of the candidate,

a summary and evaluation of the accomplishments of the candidate and the importance of the candidate's work,

a list of publications covering the work to be considered for the award, and

one or more seconding letters.

The committee chair for 2014 will be Barbara Cohen (barbara.a.cohen@nasa.gov).

Service Award -- Deadline January 31, 2014

This award honors members who have advanced the goals of the Society to promote research and education in meteoritics and planetary science in ways other than by conducting scientific research. Examples of activities that could be honored by the award include, but are not limited to, education and public outreach, service to the Society and the broader scientific community, and acquisition, classification and curation of new samples for research.

Nominating letters should include a biographical sketch of the candidate and additional substantive information, such as statements as to the importance of the nominee's activities to the field of meteoritics and/or to the research of others. One or more seconding letters in support of the nomination are strongly encouraged.

The chair of the membership committee, which administers this award, is Alex Ruzicka (ruzickaa@pdx.edu).

Pellas-Ryder Award -- Deadline January 31, 2013

This award, which is jointly sponsored by the Meteoritical Society and the Planetary Division of Geological Society of America, is for undergraduate and graduate students who are first author of a planetary science paper published in a peer-reviewed scientific journal. Any first author of a paper published on a topic listed on the cover of *MAPS* who was a student when the paper was submitted is eligible for consideration for this award. Nominations should include

the full citation,

a brief description of the paper's significance,

a letter from the department head verifying that the first author was a registered student when the paper was submitted, and

a letter from the student's advisor describing what portion of the work was done by the student.

Please send nominations to the secretary, MetSocSec@gmail.com

Nomination of Fellows – deadline January 15, 2014

The deadline for nominations is Jan 15, 2014.

Members who have distinguished themselves in meteoritics or in closely allied fields may be elected Fellows by the Council. No more than 1% of the members can be elected in even-numbered years. An alphabetical list of Fellows of the Society may be found on our web site (click Awards and then Fellows in the left hand menu).

Nominations for fellows should include a summary of the candidate's accomplishments (suggested length: ~150-200 words) together with a list of 5-10 of the candidate's most significant publications, including titles. Nominations should be sent to the Secretary, Greg Herzog (MetSocSec@gmail.com).

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FROM THE SECRETARY

Election for 2015

A new council will take office in January 2015, with Mike Zolensky as President and Monica Grady as Past President. The Nominating Committee (Gretchen Benedix, William Bottke, Denton Ebel, Matthieu Gounelle, David Kring, and Hiroko Nagahara (chair)) prepared the slate of candidates listed below. The Council has affirmed that this slate was selected in accordance with the Society's Constitution and Bylaws.

Vice President
Trevor R. Ireland
Australian National University

Secretary
Michael K. Weisberg

Kingsborough Community College & The American Museum of Natural History

Treasurer

Candace Kohl
Del Mar, California

Councilors, 2nd term

Jay Melosh
Purdue University

Larry R. Nittler
Carnegie Institution of Washington

Maria Schönbächler
ETH, Zürich

Yoshi Yurimoto
Hokkaido University

Councilors, 1st term

Alexander N. Krot
Hawaii Institute of Geophysics and Planetology

Keiko Nakamura-Messenger,
NASA-JSC

François Robert,
Muséum National d'Histoire Naturelle, Paris

Caroline Smith
Natural History Museum, London

According to the constitution of the society, nominations for other candidates require a petition signed by at least 3% of the society's members (~30 at this writing) and should be submitted to the Secretary by February 15, 2014. If no candidates are nominated other than those listed above, the Secretary will declare the candidates listed elected by affirmation.

*Statement from the Vice Presidential Nominee**

Trevor R. Ireland
Australian National University
Isotopic study of lunar and meteoritic materials

*The Vice-president serves for two years before becoming the President and then the Past-president.

I am pleased and honored to accept the nomination to the position of Vice-President of The Meteoritical Society.

One of the great things about the multidisciplinary field of Meteoritics is the range of issues covered and its contagious effect on the public imagination. The transient show of a shooting star inspires us from a young age. Handing over a meteorite for someone to hold is a wondrous experience as you can see them trying to relate to the fact that this rock has travelled millions of kilometers to us through space from the asteroid belt. When holding a 25 kg lump of Henbury, it easy for them to realize that larger bolides could do serious damage to us, both as individuals and collectively.

It seems that every day something comes up that links us to the solar system, whether it be the observation of a meteor, a meteorite impact and recovery, the near miss of an asteroid, or a visit of a space mission to one of our neighbor planets. What a privilege to work on any of them. Today is the start of International Space Week and I'm off to Questacon, the National Science and Technology Centre to give a talk on Hayabusa for which I am a member of the Joint Science Team. There is nothing like experiencing the excitement that children (and many adults for that matter) have for anything related to space and planetary science.

I grew up in New Zealand in a household interested in the outdoors. My mother and father were keen rockhounds, and although I was more interested in astronomy at the time, I was quite happy to go out and dutifully carry back many (it seemed like hundreds of) kilograms of rock back to our car. The rocks won out when I went to Otago University to study Geology, but I also spent four years in Physics classes. At that time I met Paul Sipiera in Dunedin, who suggested I join the Meteoritical Society because of my extraterrestrial interests. From Otago, I applied for various universities to carry out PhD studies, but ANU stood out when Ross Taylor put me on to Bill Compston to work on the newly completed SHRIMP ion microprobe. This gave me the opportunity to use both physics and geology in the measurement of isotopic compositions of refractory inclusions. I was then fortunate to be accepted for a post-doc with Bob Walker and Ernst Zinner at Washington University in St Louis, and then at the Max-Planck-Institut für Chemie in Mainz with Herbert Palme. After Germany, I came back to a QEII fellowship at ANU, had a brief stint working at UCLA with Kevin McKeegan, before accepting a tenure track position at Stanford University. But the call of Australia was strong for my family and so we've been back at ANU since 2000.

My meteoritics research has focused primarily on the isotopic compositions of the earliest solids in the solar system and of presolar grains. Through this work I am

becoming more interested in the dynamics of the early solar system and how refractory inclusions and their components were heated to such high temperatures yet maintain diverse chemical and isotopic signatures. I am also involved in more general applications of secondary ion mass spectrometry to geochronology and isotope geochemistry of terrestrial rocks. I currently teach a planetary sciences course that involves many aspects of meteoritics. One of the issues I face is obtaining appropriate samples for labs and demonstrations. As Vice-President, I'd like to look into whether the Meteoritical Society could be encouraged to develop a virtual meteorite collection that can be used by educators and students to examine the best samples available. I think this is a straightforward proposition that just needs a bit of logistical development.

Over the years I have attended the Meteoritical Society Meetings when able, and have really appreciated the opportunity to catch up with colleagues and make new acquaintances. As everyone in academia knows, we have a very fortunate life. In the Meteoritical Society we have a focal point that allows us to meet, socialize, and share ideas, all under the guise of doing work.

I joined The Meteoritical Society in 1982, sat on the Council 2003-2006, and was elected Fellow in 2008. I am currently an Associate Editor for Geochimica et Cosmochimica Acta. One of the highlights of my association with the Meteoritical Society was overseeing the 75th Annual Meeting in Cairns last year. I saw this as an opportunity to pay back the Society and put on a meeting in a truly spectacular location. I am so pleased so many of you took the opportunity to come down under.

At this time in my career I can see that mentorship is of greater interest than getting my own research completed. I see being elected as Vice President as an opportunity to continue this work and in trying to enthuse the next generation about the stones from the stars.

Brief biographies

Secretary: Michael K. Weisberg

Kingsborough Community College & The American Museum of Natural History

Petrology and mineralogy of chondrites and other meteorites

Michael Weisberg is a professor in the Department of Physical Sciences at Kingsborough Community College and the Graduate Center of the City University of New York. He is also a Research Associate in the Department of Earth and Planetary Sciences of the American Museum of Natural History. His research is focused on understanding the early evolution of the solar system by integrating petrologic and isotopic studies of primitive meteorites.

Treasurer: Candace Kohl

Del Mar, California

Cosmogenic nuclides

Candace Kohl is retired as a research scientist from the University of California, San Diego in the Department of Chemistry and Biochemistry. Her research focused on measurement of cosmic ray produced radioactivity in extraterrestrial materials, lunar samples and meteorites, and in terrestrial materials to study impact crater formation. She has served on the membership and endowment committees of the Meteoritical Society and is currently a member of the legacy committee. She is active in space science outreach activities.

COUNCILORS, 2ND TERM

Jay Melosh

Purdue University

Theoretical physics of planetary surface processes

Jay Melosh is a professor in the Earth and Atmospheric Sciences and Physics Departments at Purdue University. His research focuses on the role of impact cratering in the evolution of the planets, satellites and small bodies in the solar system. He has participated in recent NASA missions to comets Tempel 1 and Hartley 2 and the GRAIL mission to the Moon. He has worked on the launch mechanism of Lunar and Martian meteorites and the possibility that microorganisms might survive meteoritic exchange between the planets.

Larry R. Nittler

Carnegie Institution of Washington

Pre-solar grains, Messenger Mercury mission

Larry Nittler is a staff scientist in the Department of Terrestrial Magnetism, Carnegie Institution of Washington, Washington DC. He studies the origin and evolution of the solar system, both through laboratory microanalysis of extraterrestrial materials and through planetary remote sensing. A particular focus is on isotopically anomalous presolar materials in meteorites and cosmic dust. He is currently Deputy Principal Investigator on NASA's MESSENGER mission to Mercury.

Maria Schönbächler
ETH, Zürich
Isotope geochemistry and cosmochemistry
Maria Schönbächler is a professor in the Department of Earth Sciences at ETH Zurich, Switzerland. Her research focuses on dating and tracing events in the early solar system such as accretion and differentiation of planetary bodies using stable isotopes and extinct radionuclides.

Yoshi Yurimoto
Hokkaido University
Isotope cosmochemistry
Hisayoshi Yurimoto is a professor in the Department of Natural History Sciences at Hokkaido University. His research focuses on the origin of the solar system using microanalysis of meteorites by secondary ion mass spectrometry.

COUNCILORS, 1ST TERM

Alexander N. Krot
Hawaii Institute of Geophysics and Planetology
Petrology and isotopic study of meteorites
Sasha Krot is a Research-Professor at the Hawaii Institute of Geophysics and Planetology, University of Hawaii at Manoa, USA. His research focuses on the primary and secondary mineralogy, petrology, and isotopic compositions of chondritic components (chondrules, refractory inclusions, and matrices) to understand nebular and asteroidal processes they recorded.
Keiko Nakamura-Messenger,
NASA-JSC
Organics in planetary materials
Keiko Nakamura-Messenger joined the Astromaterials Research and Exploration Science Directorate at NASA Johnson Space Center after receiving a PhD in material science from Kobe University, Japan. She is currently the Sample Site Science Lead and the deputy curation project lead for NASA's OSIRIS-REx mission. She is also a science team member of Japanese Hayabusa2 mission. Nakamura-Messenger has extensive experience with the curation and analysis of extraterrestrial materials, including: Stardust mission samples, interplanetary dust particles, and primitive meteorites. She is the lead discoverer of two new minerals, brownleeite (MnSi) and wassonite (TiS). Asteroid 7862 Keikonakamura (1981 EE28) is named after her for work revealing the existence of organic globules in meteorites, furthering understanding of organic material in the solar system.

François Robert,
Muséum National d'Histoire Naturelle, Paris
Light isotope cosmochemistry and geochemistry
François Robert is the Director of the "Laboratoire de Minéralogie et Cosmochimie du Muséum". His research in cosmochemistry is focused on the reconstructions of the physical environments where the chemical reactions yielding the first solids of the solar system took place. These reconstructions are based on the analysis and theoretical interpretation of variations in abundance patterns of the light elements.

Caroline Smith
Natural History Museum, London
Mineralogy and geochemistry of meteorites; meteorite curation methods
Caroline Smith is a Principal Curator and Curator of Meteorites at the Natural History Museum in London. She has a wide variety of research interests including the origins and history of ureilites, use of innovative techniques for non- or minimally destructive analyses, and curation of samples returned from space missions. Caroline has served on the Membership Committee and has been a member of and Secretary to the Nomenclature Committee.

What's in a name?

To avoid having to pay state and federal taxes MetSoc registers with several different U.S. government agencies as a special type of educational organization. Unfortunately, for historical reasons, the registered names have varied slightly: We were listed in different places as both *The* Meteoritical Society and (no "The") Meteoritical Society. We owe a round of thanks to our Treasurer, Rhian Jones, for resolving the nightmare of bureaucratic confusion that resulted. We are now formally identified everywhere that we need to be as "The Meteoritical Society."

A conflict of interest policy for MetSoc

Once having straightened out our tax status, we learned that to protect it, we would need a Conflict of Interest policy. The Council passed one earlier this year. You can see it on the website at http://meteoriticalsociety.org/?page_id=109.

Pictures wanted for the MetSoc website

Alex Ruzicka, chair of the Membership Committee is still interested in receiving interesting pictures for the home page of the website. Eye-catching pictures of interest to the general public are especially welcome.

Publications

In the old days - the 20th century and the early part of the 21st - when MetSoc published *MAPS* entirely on its own, about 30% of the costs of the journal went for printing and mailing. Most of the rest covered production – running the editorial office, which included setting up and editing proofs, negotiating with libraries, advertising, back issues, and other matters. All of us recognize today's trend away from hard copy and toward electronic-only publication. Our meeting abstracts, as Tim Jull notes in his report, are now electronic only. Three years ago Elsevier decided unilaterally that individual subscribers would no longer receive the printed edition of *Geochimica et Cosmochimica Acta*, offering instead an electronic subscription, which was redundant for me and probably for many other former print subscribers fortunate enough to have access to university libraries. But never mind the grousing. Many of our fellow members went fully electronic long ago, having concluded that they did not have or want to devote entire walls of shelving to back issues *GCA*.

So what about *MAPS*? We have an arrangement with Wiley that has worked out well and includes printed copies for thems as wants 'em. Someone, somewhere (overseas), however, is still doing the printing and mailing. Ultimately, libraries and we subscribers have to pay for the services. Meanwhile the tide of electronic usage flows on. Canute-like, I like very much having the printed version of *MAPS*: I can browse the table of contents on my way back from the mail box; I can sit comfortably wherever and read *MAPS* without having thumb reduction surgery. Call me old-fashioned, but when writing, I'd rather look at a journal on my desk than switch windows on a screen. On the other hand, the journals take up a lot of wall space and pile up on my desk. Sometimes it's easier to call up an article electronically than to find it on the top shelf.

The Council has not yet been ready to pull the paper plug on *MAPS*, but regretfully I think the day is coming.

Background to changes in eligibility requirements for the Nier Prize

If you've looked lately at eligibility requirements for academic prizes and awards, you may have noticed fewer age requirements set in terms of years since birth and more in years since the Ph.D. or other terminal degree. The new approach balances enthusiasm for youth with appreciation for those who return to the academy later in life.

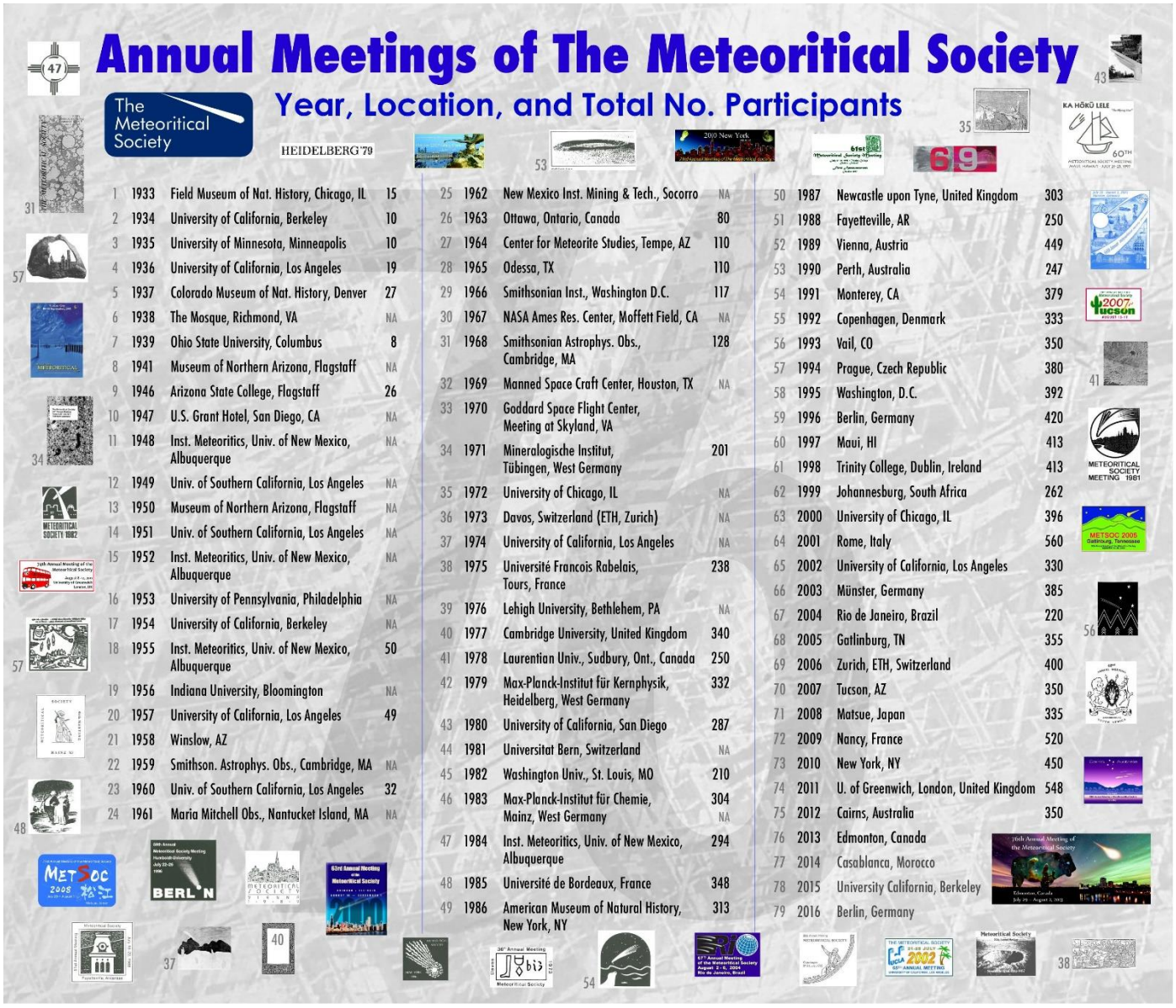
In this context, Jeff Grossman initiated a discussion of our requirements for the Nier Prize, which used to be only for recipients aged 35 or younger. The Council crafted changes in close consultation with members of the Nier family and passed them earlier this year. Candidates for the Nier Prize now must have received their terminal degree within seven years of the date of the award. This seems like a good thing.

Nominations for Awards and Fellows

We have a few weeks left yet to nominate candidates for Awards or to become Fellows. Council members can't do it (the Bylaws don't allow it). Please consider nominating deserving candidates.

Greg Herzog
November, 2013

Celebrating our 77th Annual Meeting



1	1933	Field Museum of Nat. History, Chicago, IL	15
2	1934	University of California, Berkeley	10
3	1935	University of Minnesota, Minneapolis	10
4	1936	University of California, Los Angeles	19
5	1937	Colorado Museum of Nat. History, Denver	27
6	1938	The Mosque, Richmond, VA	NA
7	1939	Ohio State University, Columbus	8
8	1941	Museum of Northern Arizona, Flagstaff	NA
9	1946	Arizona State College, Flagstaff	26
10	1947	U.S. Grant Hotel, San Diego, CA	NA
11	1948	Inst. Meteoritics, Univ. of New Mexico, Albuquerque	NA
12	1949	Univ. of Southern California, Los Angeles	NA
13	1950	Museum of Northern Arizona, Flagstaff	NA
14	1951	Univ. of Southern California, Los Angeles	NA
15	1952	Inst. Meteoritics, Univ. of New Mexico, Albuquerque	NA
16	1953	University of Pennsylvania, Philadelphia	NA
17	1954	University of California, Berkeley	NA
18	1955	Inst. Meteoritics, Univ. of New Mexico, Albuquerque	50
19	1956	Indiana University, Bloomington	NA
20	1957	University of California, Los Angeles	49
21	1958	Winslow, AZ	
22	1959	Smithson. Astrophys. Obs., Cambridge, MA	NA
23	1960	Univ. of Southern California, Los Angeles	32
24	1961	Maria Mitchell Obs., Nantucket Island, MA	NA
25	1962	New Mexico Inst. Mining & Tech., Socorro	NA
26	1963	Ottawa, Ontario, Canada	80
27	1964	Center for Meteorite Studies, Tempe, AZ	110
28	1965	Odessa, TX	110
29	1966	Smithsonian Inst., Washington D.C.	117
30	1967	NASA Ames Res. Center, Moffett Field, CA	NA
31	1968	Smithsonian Astrophys. Obs., Cambridge, MA	128
32	1969	Manned Space Craft Center, Houston, TX	NA
33	1970	Goddard Space Flight Center, Meeting at Skyland, VA	
34	1971	Mineralogische Institut, Tübingen, West Germany	201
35	1972	University of Chicago, IL	NA
36	1973	Davos, Switzerland (ETH, Zurich)	NA
37	1974	University of California, Los Angeles	NA
38	1975	Université Francois Rabelais, Tours, France	238
39	1976	Lehigh University, Bethlehem, PA	NA
40	1977	Cambridge University, United Kingdom	340
41	1978	Laurentian Univ., Sudbury, Ont., Canada	250
42	1979	Max-Planck-Institut für Kernphysik, Heidelberg, West Germany	332
43	1980	University of California, San Diego	287
44	1981	Universitat Bern, Switzerland	NA
45	1982	Washington Univ., St. Louis, MO	210
46	1983	Max-Planck-Institut für Chemie, Mainz, West Germany	304 NA
47	1984	Inst. Meteoritics, Univ. of New Mexico, Albuquerque	294
48	1985	Université de Bordeaux, France	348
49	1986	American Museum of Natural History, New York, NY	313
50	1987	Newcastle upon Tyne, United Kingdom	303
51	1988	Fayetteville, AR	250
52	1989	Vienna, Austria	449
53	1990	Perth, Australia	247
54	1991	Monterey, CA	379
55	1992	Copenhagen, Denmark	333
56	1993	Vail, CO	350
57	1994	Prague, Czech Republic	380
58	1995	Washington, D.C.	392
59	1996	Berlin, Germany	420
60	1997	Maui, HI	413
61	1998	Trinity College, Dublin, Ireland	413
62	1999	Johannesburg, South Africa	262
63	2000	University of Chicago, IL	396
64	2001	Rome, Italy	560
65	2002	University of California, Los Angeles	330
66	2003	Münster, Germany	385
67	2004	Rio de Janeiro, Brazil	220
68	2005	Gatlinburg, TN	355
69	2006	Zurich, ETH, Switzerland	400
70	2007	Tucson, AZ	350
71	2008	Matsue, Japan	335
72	2009	Nancy, France	520
73	2010	New York, NY	450
74	2011	U. of Greenwich, London, United Kingdom	548
75	2012	Cairns, Australia	350
76	2013	Edmonton, Canada	
77	2014	Casablanca, Morocco	
78	2015	University California, Berkeley	
79	2016	Berlin, Germany	