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The Meteoritical Society Newsletter

(November 2016)

A report of the business carried out by the society over the past year, edited by Michael K. Weisberg, Secretary.

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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. Deadlines are in January. See the Awards section for details.

Proposals to host the 2021 MetSoc meeting are due in March. Please contact the secretary for procedures.

FROM THE PRESIDENT

Welcome to the Newsletter of 2016, an account of the business of the Meteoritical Society that has been carried out over the past year. This is my second and final year as President, and it is a forum that I appreciate having, to enable me to talk directly to members of the Society. The first thing I want to do is to record my thanks to the society's Secretary, Mike Weisberg and Treasurer, Candace Kohl, who will, thankfully, continue in office long after I am gone. They are doing wonderful jobs, and it is an open secret that these two officers really run the Society.

Now our long debated Ethics Statement. During her Presidency, Monica Grady took the initiative to create a committee of past presidents to hammer out an ethics statement for the Society. That document was run by the Society at large, and carefully amended, reshaped, added to, and finally approved last month by Council, now as a Position Statement. You can see the result on our website. Most scientific societies have created or are currently finalizing similar statements.

The Geochemical Society, our sister society, is in the latter group. Ours is intended to be a living document, capable of being amended as future concerns arise.

One of the areas where the Council and especially the Endowment Committee have really labored is increased support for young scientists, both for travel to our Annual Meeting and also to related meetings. For example, with the new, annual gift we receive from the Elsevier Publishing Company we created a new travel award for society members who are not many years past earning their PhD. Our Society is not rich but we can certainly do still more to support worthy meteoritical causes. Last year we supported a lecture tour by Klaus Keil (a Past President) to a host of Brazilian cities, where he connected with many hundreds of meteoritically minded citizens and young potential scientists. Other projects were also supported as described in the Endowment Report and many others are in the works. I encourage anyone with a

good idea to contact the Endowment Committee Chair, Uwe Reimold.

Speaking of Uwe, our thanks go to him, Harry Becker, Kai Wünnemann and their meeting teams for the fantastic organization of our 2016 Annual Meeting in Berlin. Our Annual Meeting is the highlight of the Society's calendar, and this year's conference was very well organized and fun. We had a great Barringer Lecture from Professor Mark McCaughrean, Senior Science Advisor in the Directorate of Science at the European Space Agency. Prof McCaughrean spoke about the thrilling results of the Rosetta Mission to comet 67P/Churyumov-Gerasimenko. This is a mission that keeps on giving, and despite its official end in September, new information will continue to appear for years to come as our fellows pore over the raw data and images. I am now anticipating our next meeting! We will be revisiting New Mexico in July of next year, and I look forward to seeing many Society members and guests in lovely Santa Fe. I am certain that Karen Ziegler and the other organizers at the Institute of Meteoritics, University of New Mexico, will have everything ready for us.

Our Annual Meeting is also the time to celebrate the scientific achievements of our colleagues. It gave me great pleasure to present the Leonard Medal this year to Past President Hiroko Nagahara, for her work on formation of solids in the early solar system. I was also honored to present the Barringer Award to Keith Holsapple, for his fundamental contributions to the understanding of dynamic impact cratering physics. Both gave entertaining and informative talks, and I look forward to seeing these and the citations for the awards published in MAPS. It is sad to report that two of our past Leonard Medalists and Presidents recently passed away, Jerry Wasserburg and Heinrich Wänke. Jerry served as our Society's President, and in many ways was a Godfather to our Society. I remember President Jerry missing the first day of our 1988 Annual Meeting in Fayetteville, Arkansas, because he mistakenly flew to Fayetteville, North Carolina. He made breakfast for me once at the NIPR guesthouse, and I was surprised to find that he could really cook. Leonard medalist and Past President Heinrich Wänke passed away as well, and was recognized by colleagues at our Annual Meeting in Berlin. In 2017 we will award the Leonard Medal to Mark Thiemens, and the Barringer Award will be given to Akira Fujiwara (Fujiwara-sensei was the Project Scientist of the Hayabusa Mission).

The Nier Prize is our award made to an early-career scientist, and I was pleased this year to present the Prize to Greg Brennecka for an extraordinarily wide range of research areas involving extraterrestrial materials. We will award the 2017 Nier Prize to Francis McCubbin. Gisela Pösges was the recipient of the Service Award of the Society, for her sterling work at the Rieskrater-Museum in Nördlingen, and her long record of outstanding outreach activities and service to the impact cratering community in many other ways. In 2017 we will give our Service Award to Cecilia (Cesquilia) Satterwhite. It is just a coincidence that both of these individuals work at NASA JSC.

The Meteoritical Society could not function if we did not have a core of members running and serving on our numerous Committees. If you want to make a difference in how our Society operates, then please step up and volunteer for work on whichever Committee interests you. Now would be a good time to do that! Just email me or incoming President Trevor Ireland.

The McKay Award Committee recognizes outstanding work by the newest members of our Society (students!) at our Annual Meeting. McKay Award Committee Chair Tasha Dunn organized a large team of people listening to all the student presentations and viewing posters. It was not an easy task, as the standard of presentations was, as always, incredibly high. Our 2016 McKay Award winner was Danielle N. Simkus. Our Wiley Award winners were Kelly E. Miller, Sheryl Singerling, Timo Hopp, and Gavin G. Kenny. A more detailed report of the winners appears later in the Newsletter, but I would like to record here my thanks to Tasha and her team for their determined efforts. And thank you to all the sponsors, especially the Barringer family (our Society's oldest and best friends), who make it possible for so many students to attend the meeting. Student travel money was also provided by the International Meteorite Collectors Association who designate it the Brian Mason Award, and by our good friends at the Planetary Studies Foundation (Thank you, especially, Paul and Diane). Darryl Pitt/Macovich Collection also provided money for student travel. This year we also thank Elsevier Publishing Company for their generous grant, which enabled us to create a new Elsevier Early Career Travel Award.

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. Please don't assume that somebody else will nominate that worthy person you know. Please take the initiative and do it yourself.

As mentioned above, the Barringer Crater Company, and in fact the entire Barringer family, has been and remains a strong and generous supporter of our Society, for which we are enormously grateful. Building on that support, as well as that from the Nier family and other donors, we have established an Endowment Fund that now stands at around \$1M. We are fortunate to have acquired a new benefactor in Tim Swindle, who has pledged to donate \$10,000 per year, for 10 years, to build up funds to support attendance at meetings by scientists from countries in which it is very difficult to obtain travel funds. We named this The International Members Fund, or TIM Fund for short. Calling it the "Swindle Fund" seemed inappropriate. The Endowment Fund is overseen by the Endowment Committee, which has been ably steered by Uwe Reimold and Drew Barringer. It is no good having all this money without doing something with it that truly benefits Meteoritics. So please keep proposing suggestions to the Endowment Committee. Their report on what the funds have been used for is given later in the Newsletter. If you read that report I'm sure some of you will immediately think of a worthy project that we could support. Please tell Uwe or Drew about that!

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 part-ownership, with the Geochemical Society, of *Geochimica et Cosmochimica Acta*. These journals continue to flourish under the editorships of Tim Jull and Marc Norman, respectively, and their editorial boards. Tim and Marc deserve huge thanks from us all for their contributions to the success of our principal publishing outlets. Our third publication is *Elements*, the magazine which is co-owned by a horde of scientific societies, and to which we contribute every other

month. Our dedicated *Elements* editor is Cari Corrigan. *Elements* has a very wide circulation, and our pages are an advertisement for the Society and our work. Please consider organizing an issue of *Elements* (just email Cari to get the ball rolling). A paper you publish in *Elements* will probably be read by more persons than any other you will ever write. The Pellas-Ryder Award recognizes undergraduate and graduate students who are first author of an exceptional planetary science paper published in a peer-reviewed scientific journal. The Chair of the Pellas-Ryder Award Committee this year has been Debra Buczkowski of the Division of Planetary Sciences of the Geological Society of America (our partner in this award).

Our membership numbers continue to flourish, thanks to the efforts of the Membership Committee, and it's Chair Erin Walton, and I thank them for their efforts. The Audit Committee, currently chaired by Harold Connolly and Susan Taylor, completed a financial audit of the Society, ensuring that we are following best practices. Our largest and undoubtedly busiest standing committee is the Nomenclature Committee. This year Carl Agee rotated off its chairmanship, being replaced by Laurence Garvie. Audrey Bouvier is the Editor of the *Meteoritical Bulletin*, one of the most difficult jobs in our Society. We all owe a huge debt to the work of these individuals, as well as the NomCom Committee as a whole, for digesting and organizing the vast input of new meteorite descriptions into accurate classifications, permitting us to recognize and address amazing new samples, one of the core functions of our Society.

My final year as President has been rewarding and stimulating, with less drama than the first year. Because our Council is such a thoughtful and agreeable assembly, I never had to vote in a single meeting. I trust that our incoming President, Trevor Ireland, will be able to say the same.

Best wishes and see you at LPSC and/or in Santa Fe,

Michael Zolensky
October 2016

UPCOMING MEETINGS			
Year	Location	Dates	Contact
2017	Santa Fe, New Mexico, USA	July 24-28	Kziegler@unm.edu
2018	Moscow, Russia	July 23-27	meteorite2000@mail.ru
2019	Sapporo, Japan	July 8-12	Yuri@ep.sci.hokudai.ac.jp
2020	Glasgow, United Kingdom	To be determined	Lydia.Hallis@glasgow.ac.uk

ANNUAL MEETINGS

2016 Annual Meeting, Berlin, Germany

The 79th Annual Meeting of The Meteoritical Society was held in Berlin (Germany) from 7 to 12 August 2016. The conference took place in the Henry-Ford-Bau of Freie Universität Berlin. With 539 registered participants, this Annual Meeting was amongst the largest ever. Also, in terms of the 136 student participation, the Berlin conference was tops. In total, 544 abstracts were accepted for 289 oral and 255 poster presentations. Oral presentations were scheduled in three parallel sessions from Monday till Friday, and all posters were on display for the duration of the entire conference week.

Of the 539 registered participants, 244 were members, 117 non-members, 87 student members, 49 non-member students, 37 accompanying persons, and 5 guests. A total of 60 travel awards could be allocated to student members, early career scientists, and scientists from low-income countries through generous

sponsorship to the combined amount of \$76,000 donated by the Barringer Crater Company, the NASA TWSC: "Topical Workshops, Symposia, and Conferences" Program, the International Meteorite Collectors Association (IMCA), the Planetary Studies Foundation (PSF), Darryl Pitt/Macovich Collection, Elsevier, and the Meteoritical Society Endowment Fund. A grant from the Deutsche Forschungsgemeinschaft (DFG) allowed us to employ a number of student assistants, who, thus, could participate in scientific sessions as well.

The conference kicked off with registration in the Thaersaal of Humboldt University zu Berlin, followed by the Welcome Function sponsored by the Museum für Naturkunde and held in the exhibitions of the museum. This also provided an opportunity for a preview of the special exhibition on *Comets – The Rosetta Mission, A Journey to the Origins of the Solar System*.



Group photo for the 79th Annual Meeting taken at the courtyard entrance to the Henry Ford Building at Freie Universität, Berlin.

The scientific program covered 21 topics including: processes and evolution of solar system materials (IDPs, chondrites, achondrites, asteroids, and Mars); chronology, mineralogy, and chemical compositions of extraterrestrial materials; various aspects of impact cratering; planetary sciences, including evolution and dynamics of planets, the Moon, and small planetary bodies. Five special sessions were dedicated to *Presolar grains - A session in honor of Ernst Zinner*; *From meteorites to planets - A session in honor of Heinrich Wänke*; *Small meteorite impacts - From atmospheric entry to environmental effects*; *Surface and interior dynamics of meteorite parent bodies*; and *Planetary evolution: Advances in meteoritical and lunar isotopic analysis*. Within the *Presolar Grains* session a special invited lecture, sponsored by The Meteoritical Society's Endowment Fund, was presented by Maria Lugaro (Budapest) on the topic "*Stellar Grains in the Laboratory: Messengers from the Sky!*".

The main conference program was preceded by a two-day workshop on *Shock Metamorphism and High Pressure Phases in Meteorites and Terrestrial Impactites* convened by O. Tschauer, T. Sharp, and D. Stöffler, which also included a special session on *Microstructure and Geochronology of Shocked Accessory Minerals* (convened by A. Cavosie and N. Timms). The workshop was attended by 58 participants. The Annual Barringer Invitational Lecture was presented by Professor Mark McCaughrean of the European Space Agency (Nordwijk, The Netherlands) in the evening of 8 August in the Henry-Ford-Bau auditorium. His fabulously illustrated lecture entitled "*Rosetta: To Catch a Comet!*" was very well received by an audience of some 400. Mark's presence on Tuesday morning, 9 August, also enhanced the public opening of the Rosetta exhibition.

The Society's Award Ceremony, and the Leonard Medal and Barringer Award medalist talks by Hiroko Nagahara and Keith Holsapple, respectively, were presented on Wednesday morning, 10 August. This also included a special appreciation of the late Gerald (Jerry) Wasserburg (1921–2016) presented by Gary Huss.

Following the award ceremony, most conference attendants embarked on the two social bus tours – *City of Contrasts* and *Excursion to Potsdam*. Later that evening, the annual conference banquet was held at the former "Berlin sewage works", *the Wasserwerk*

venue of a rather different ambience. Following the four-course dinner, late-night revelers enjoyed dancing until 1am. To conclude on the topic of festivities, both poster sessions on Tuesday and Thursday evenings were well catered, and the conference concluded on Friday afternoon with an impromptu Farewell function.

Four optional excursions were offered as part of the conference. Pre-conference trips went to the old mining-town of Freiberg and the Ore Mountains in Saxonia, to the southeast of Berlin, and a 5-day tour explored the Nördlinger Ries and Steinheim Basin impact craters and the cultural and culinary delights of southern Germany. Following the conference, a small group of participants investigated the Morasko impact crater field near the Polish city of Poznan, and others travelled to Norway to partake in an expedition to the Rietland and Gardnos impact structures in the mountains west of Oslo. The excellent excursion guides deserve our compliments.

The conference program and abstract volume can be accessed on the website of the Lunar and Planetary Institute:

<http://www.hou.usra.edu/meetings/metsoc2016/> and on the dedicated conference website: <http://www.metsoc-berlin.de/>. A sizable and impressive image gallery put together by Hans Knöfler is accessible on <https://metsoc.naturkundemuseum.berlin/>.

The meeting was generously supported by the Barringer Crater Company, Museum für Naturkunde Berlin - Leibniz Institute for Evolution and Biodiversity Science, Humboldt-Universität zu Berlin, Freie Universität Berlin, NASA TWSC Program, Lunar and Planetary Institute, Geo.X Alliance for Geoscience in Berlin-Potsdam, International Meteorite Collectors Association, Deutsche Forschungsgemeinschaft (DFG), Planetary Studies Foundation, Meteorite Times Magazine, Darryl Pitt/Macovich Collection, Elsevier, AMETEK, Bruker Nano, JEOL, Thermo Fisher Scientific, DFG - Collaborative Research Centre TRR170 Late Accretion Onto Terrestrial Planets, and The Meteoritical Society.

This report would not be complete without us thanking the numerous colleagues and students, whose tireless efforts made it all possible. We want to emphasize the dedicated support from the members of the Local Organizing Committee, the Scientific Program Committee, and the Travel Award

Committee, and from all those who made themselves available as judges of student presentations, guides on conference tours, student assistants, and in many other functions. Staff of CPO Hanser provided expert event management support.

MetSoc 2016 co-chairs, Wolf Uwe Reimold,
Harry Becker, and Kai Wünnemann
October 1016

2017 Annual Meeting in Santa Fe, New Mexico, US, July 24-July 28



You are cordially invited to attend the 80th Annual Meeting of *The Meteoritical Society*, which will take place 24 - 28 July 2017 in Santa Fe, New Mexico, U.S.A.

The Annual Meeting is organized by the Institute of Meteoritics of the University of New Mexico in Albuquerque.

It will be held at the Santa Fe Convention Center, which stays true to Santa Fe's historic adobe architecture. Oral sessions, plenary sessions, and the public Barringer Invitational Lecture will take place in state-of-the-art auditoria of various sizes. Poster sessions will take place on-site throughout the week in dedicated rooms that open up to the beautiful courtyard of the Convention Center.

Conference registration and the welcome party on Sunday, July 23th 2017, will be held in the historic La Fonda hotel, situated on the famous Santa Fe Plaza, only minutes away from the Convention Center.

On the afternoon of the Wednesday conference day, several excursions will be offered that explore the

city of Santa Fe and surrounding areas (including the Santa Fe impact structure). The conference banquet on Wednesday evening will again be held in the beautiful La Fonda hotel.

The conference program will also contain workshops, preceding the conference. A number of post-conference excursions are being prepared, including a 3-day trip to the Petrified Forest, Walnut Canyon, Sunset Volcanic Crater, Wupatki Pueblo, Grand Canyon, and the Barringer Meteorite Crater (led by David Kring, LPI).

We have reserved blocks of rooms in multiple hotels, offering a range of price categories and distance from the Convention Center. Most are within walking distance of the Convention Center; others offer regular shuttles. One offers apartments of different sizes, making it ideal for families and students.

The city of Santa Fe is the state capital of New Mexico. It was founded by Spanish colonists in 1610, and is the oldest state capital city in the USA; it is located at 2194 m (7199 feet) above sea level, making it also the highest state capital in the USA. Santa Fe (meaning "holy faith" in Spanish) has a population of 70,000. It experiences a dry steppe climate, with an average temperature in July/August of 25°C (77F), and monthly rainfall of 6.5 cm (2.5") due to the arrival of the North American monsoon at this time.

The city is well known as a center for arts that reflect the multicultural character of the city; it has been designated as a UNESCO Creative City in Design, Crafts and Folk Art. Santa Fe and the surrounding areas have a high concentration of artists who have come over the decades to capture the natural beauty of the landscape, flora and fauna. Canyon Road has the highest concentration of art galleries in the city, and is a major destination for international collectors, tourists and locals. Further information about Santa Fe and environs can be obtained at www.santafe.org.

Santa Fe can be reached by air directly from Dallas and Denver, and through the nearby (106 km, 66 miles) Albuquerque airport, which offers 30 shuttles daily to Santa Fe and numerous car rental companies.

For specific information please contact the Organizing Committee at kziegler@unm.edu.

Karen Ziegler
October 2016

FROM THE TREASURER

This report summarizes the society's finances in Fiscal Year 2016 (FY16), 1 June 2015 to 31 May 2016. The society's finances are healthy and the budget is balanced under our current operations.

Assets

At the end of FY16, the balance of the Operating Fund was \$182,397 and the portfolio value of the Investment Fund was \$1,045,889. The Investment Fund contains four endowed funds: the General Endowment Fund, the Nier Fund, the Gordon A. McKay Fund, and the TIM (The International Members) Travel Fund. A Reserve Fund is also being maintained within the Investment Fund at a flat value of \$100,000 as decided by council during the March 2013 meeting. At the end of FY16 the approximate distribution of the various funds within the Investment Fund was as follows: General Endowment Fund, 75%; Nier Fund, 6%; Gordon A. McKay Fund, 6%; TIM Travel Fund, 4%; Reserve Fund 9%.

Operating Fund

FY16 was the sixth 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 2015 was \$41,915. Some of Wiley's revenue consists of *MAPS* subscriptions, which members pay as part of their membership dues. A number of abstract payments for MetSoc 2015 were not made. Efforts are underway to make sure payments are more complete in the future. As a reminder, we need to pay these fees to Wiley whether or not they are paid by the participants at the meeting, so if you don't pay the fees, the money must come out of our operating budget. Overall, in FY16, the society budget for publication of *MAPS* was very close to breaking even. Our agreement with Wiley is on a stable financial footing. The new contract with Elsevier for *Geochimica et Cosmochimica Acta* went into effect in January of 2016 and has been working well.

A loan of \$40,000 was made to the Berlin MetSoc meeting and will be repaid once accounting is finalized. There is also an outstanding loan to the Santa Fe MetSoc meeting. The Berkeley MetSoc

meeting generated a substantial profit of almost \$29,000. This will be reflected in the coming fiscal year. The Operating Fund budget for FY16 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. Council decided to keep membership rates at the 2016 level for 2017.

Gifts

We thank the 208 Society members who generously contributed gifts to the Society in the past fiscal year. The total of gifts received for the Endowment, Nier, and McKay Funds was \$15,542. These contributions helped support workshops, awards, student and professional travel and other activities. Members also donated to the TIM (The International Members) Travel Fund intended to support travel for professional members from low-income countries to attend the Annual Meeting. As the corpus of the Fund is being built, donations will be used directly each year for designated travel support. A total of \$2,110 was donated for this purpose in FY16.

The following members contributed \$100 or more during FY16: C. Agee, C. Alexander, E. Anders, J. Aronson, J. Beckett, F. Begemann, J-L. Birck, A. Bouvier, A. Brearley, S. Brey, H. Brueckner, R. Carlson, G. Crozaz, T. Fagan, B. French, J. Friedrich, M. Gaffey, S. Genest, E. Gnos, D. Gotz, M. Grady, E. Grew, J. Grossman, D. Harries, G. Herzog, B. Hofmann,, T. Ireland, M. Ito, J. Jones, R. Jones, A. Jull, J. Kashuba, W. Keller, N. Kita, C. Koeberl, C. Kohl, L. Labenne, R. Lewis, L. McFadden,, K. McKeegan, H. Melosh, MetSoc 2015, B. Meyer, T. Mikouchi, D. Milton, H. Nagahara, K. Nagao, B. Narendra, J. Nauber, J. Neu, V. Nier, M. Nolan, E. Olsen, D. Papanastassiou, C. Park, R. Pepin, D. Pitt, J. Plescia, R. Pugh, R. Reedy, W. Reimold, E. Scott, V. Sharpton, P. Sipiera, M. Strait, T. Swindle, L. Taylor, A. Treiman, C. Velsko, J. Wacker, M. Wadhwa, R. Walker, J. Wasson, I. Wright, E. Young, M. Zolensky.

The following members also made donations: C. Arps, B. Baecker, N. Barlow, R. Bartoschewitz, J. Bayron, J. Berkley, R. Bild, H. Boettcher, A. Brogioni, D. Brownlee, T. Burbine, P. Buseck, M. Caffee, P. Cassen, P. Claeys, W. Collins, A. Crosta, H. Csadek, M. Dence, B. Devouard, P. Dickmann, D. Dietz, G.

Dominguez, B. Dressler, J. Edmunson, L. Elkins-Tanton, O. Eugster, C. Evans, K. Evans, J. Filiberto, R. Flemming, G. Flynn, N. Gessler, J. Gilmour, B. Glass, W. Hartmann, C. Herd, L. Hill, R. Hilts, E. Hoffman, M. Horan, F. Hörz, G. Huss, M. Hutson, O. James, E. Jessberger, B. Jolliff, A. Jurewicz, D. Kashuba, S-I. Kawakami, A. Kearsley, L. Keller, M. Kelley, A. Kracher, D. Lauretta, J-C. Lorin de la Grandmaison, G. Lugmair, C. Lundquist, N. Lunning, M. Matthews, H. McLean, S. McLennan, H. McSween, D. Meisel, R. Mettler, F. Meyer, D. Miller, D. Mittlefehldt, M. Miyamoto, C. Moore, E. Murad, K. Nakamura-Messenger, D. Nava, H. Nishimura, L. Nyquist, U. Ott, J. Otto, M. Ouzillou, M. Ozima, H. Palme, H. Plotkin, D. Prabhu, A. Pun, T. Raab, D. Record, M. Robson, P. Rochette, G. Roller, A. Rubin, S. Russell, A. Ruzicka,

J. Ryan, K. Sakamoto,, I. Sanders, R. Schaan, R. Schaudy, A. Schlazer, R. Schmit, S. Schwenzer, J. Sewell, T. Sharp, M. Shepard, J. Shorten, A. Shukolyukov, B. Simonson, R. Smith, R. St. Clair, W. Stanbro, D. Stoeffler, S. Tachibana, K. Takahashi, N. Takaoka, S. Taylor, M. Telus, H. Thiel, T. Tomiyama, G. Turner, Z. Tyminski, M. Varela, E. Vasbinder, M. Velbel, D. Walker, R. Walter, T. Webb, G. Wilson, K. Wimmer, S. Winzer, S. Wolf, Z. Xie, A. Yablonsky, K. Yamashita, H. Yurimoto, T. Zega, J. Zipfel .

Candace Kohl
October 2016

FROM THE ENDOWMENT COMMITTEE

Projects during the last 12 months

Endowment Committee members for 2016 have been Drew Barringer (Co-Chair), Gary Huss, Wolf Uwe Reimold (Co-Chair), Alan Treiman, and Paul Warren. They were supported by ex officio members Candace Kohl (Treasurer), Mike Weisberg (Secretary), and Mike Zolensky (President).

The Annual Meeting in Berlin was supported with \$4000 for travel grants from the TIM Fund (The Travel Award Fund for deserving international professional members). Again, we are grateful that a considerable part of this investment was offset by donations from members. The amount was used to support participating members from low-income countries. Further \$6000 from the General Endowment was awarded for travel support of participants in the Berlin meeting. Through this support and significant other sponsorship (see Berlin Annual Meeting report) it was possible to support participation from more than 60 student and professional members – the latter particularly from low-income countries.

Whereas a Donor Function to honor significant supporters of the Society and to promote the goals of the Endowment Fund had been arranged with Endowment Fund support at last year's Annual Meeting in Berkeley, it was decided to promote the Endowment Fund, MetSoc membership, and important donors through prominent displays at the 2016

conference. The organization of this effort rested with Candace Kohl and Paul Warren.

Student travel grants to attend conferences were made available again. These included support for students to attend the Highly Siderophile Element (HSE) Geochemistry Workshop in Durham, UK (\$3,000) and recently approved student support for the Workshop on Chondrules and the Protoplanetary Disk, which will be held in London, UK (\$3,000) in February of next year. Additionally, the Society supported a Meteoritics outreach effort in Santiago de Chile (\$5,300), organized by Millarca Valenzuela. This seminar on “Classification of Meteorites: I. Ordinary Chondrites” and was held on January 18-21. The seminar was very successful and included invited talks and practical work on a collection of thin and polished sections of ordinary chondrites and other meteorites from the Atacama Desert Collection and from other collections. The 32 participants included 24 students from Geology, 5 from Astronomy and 3 professionals. 66% of the students were from the capital Santiago and 34% were from other cities, such as Antofagasta, Concepción and Valdivia; 56% were women and 44% were men. A series of lectures given in Brazil by Klaus Keil, and the Paneth Kolloquium 2015 in Germany were also supported.

For the first time a special topical lecture from a prominent speaker representing a different discipline that is, however, related to Meteoritics and /or impact

cratering was sponsored by the Endowment Fund for the Berlin annual meeting. Dr. Maria Lugaro (Budapest) presented within the Presolar Grains session, to wide acclaim for this new initiative of The Meteoritical Society.

Following Klaus Keil's successful lecture tour through Brazil in 2015, the Society and Endowment Committee resolved that future outreach activities should be focused on Africa, Asia, and South America. Several projects have been discussed in 2016.

Paul Warren has undertaken to investigate the history and evolution of the Endowment Committee. Gary Huss and Candace Kohl are working towards an improved public representation of the goals of the Endowment and a strategy towards its further

development. Mike Zolensky and Uwe Reimold have been tasked to revise the currently exceedingly detailed instructions for future Annual Meeting organizers to make them more practical and incorporate recent developments.

Members are cordially invited by the Committee to make suggestions on how the Endowment Fund could be applied further in the interest of our members, especially student members, and to promote further our scientific interests, including outreach opportunities.

Uwe Reimold
October 2016

PUBLICATIONS REPORTS

Meteoritics and Planetary Science

From the Editor, A.J.T. Jull

I would like to summarize briefly the status of our journal, Meteoritics and Planetary Science. The trends continue to be positive and submission rates continue to be good. In the last year, we received 241 new (original) papers, an increase of 5.2%, as well as 222 revisions of other papers. For the 2-year period from June 2014 to 2016, the "accept" ratio was 76.4% (292 out of 382 papers). The acceptance ratio has remained quite constant over several years. The impact factor was 2.819 for the last year (2015), close to the long-term mean, which reflects the average over the last 2 years in IF reports (2014-2015). The 2-year value for 2014 was a little higher at 3.104.

On the production side, issues are appearing on time and with few delays. All back issues of the journal are available online at the Wiley website. Members can access this through their member identification, if they do not have full university library access. The meteoriticalsociety.org website now offers access to MAPS through a direct link – the user needs their email and password, which is their subscriber number.

We have several special issues in preparation: Martian volatiles, studies on impacts, shock and cratering studies as well as one on "Dawn at Ceres".

The publisher has approached the Society with the proposal that Meteoritics and Planetary Science

should eventually become completely online. As you may know, more and more resources are available online and fewer members are subscribing to the print copy. The Society will send out an online poll for members to express their opinions on this subject.

A. J. Timothy Jull
Editor, Meteoritics & Planetary Science
October 2016

Geochimica et Cosmochimica Acta

From the Executive Editor, Marc Norman

GCA continues to be well supported by the geochemical and cosmochemical community with 954 new submissions for calendar year 2015 and 770 new manuscripts received so far in 2016 as of 27 Sept.

The Special Issue on Isotopic Studies of Planetary and Nuclear Materials: A Scientific Tribute to Ian Douglass Hutcheon is nearing completion with 23 papers in their final stages of preparation. Many thanks to all authors and reviewers who contributed to this issue, and a special acknowledgment to the Associate and Guest Editors for their hard work. Also in progress are Special Issues on Highly Siderophile Element Constraints on Low- & High-Temperature Earth & Planetary Processes being organized by Amy Riches, and one on Astrophysical Implications of Extraterrestrial Materials in honor of Ernst Zinner being edited by Larry Nittler, Peter Hoppe, Kevin McKeegan, Christine Floss, and Anders Meibom.

Finally, Ms. M. A. O'Donnell has been hired as the new Editorial Assistant for GCA. She will be working through the Geochemical Society's business office in Washington D.C., and coordinating with GCA Journal Manager Amy Mutale (San Diego) and myself to improve response times of late reviewers and conduct other administrative tasks associated with journal operations. Thank you once again to all members of the Meteoritical Society for their continued support of GCA.

Marc Norman
September 2016

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 impact factor for *Elements* for 2015 was 4.585. The Meteoritical Society publishes society news in 1-2 pages per issue, and is responsible for a feature article published in every other issue, entitled

“CosmoElements”. This feature highlights hot topics in the fields of Meteoritics, Cosmochemistry and Planetary Science. Most recently, these have discussed the Qarabawi's Camel Charm (February 2016), The Cosmic Dust Laboratory at NASA Johnson Space Center (in the June, 2016 issue on Cosmic Dust), and aqueous alteration in chondrite parent bodies (October, 2016). 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, corrigan@si.edu). Please feel free to contact her with news, ideas for CosmoElements or for ideas for entire issues of *Elements*.

Cari Corrigan
October 2016

FROM THE NOMENCLATURE COMMITTEE

Here is an overview of Nomenclature Committee (NomCom) activities since March 2015.

New Chair, Meteoritical Bulletin Editor and Deputy Assistant Editor, Database Editor

Laurence Garvie accepted the position of Chair of the Nomenclature Committee at the March 2016 Lunar Planetary Science Conference, taking over from Carl Agee. Carl served on the NomCom for three years, with one year as Chair. Audrey Bouvier continues to serve as the Meteoritical Bulletin Editor and is assisted by assistant editor Jérôme Gattacceca. Jeff Grossman continues as the Meteoritical Bulletin Database editor.

Dense Collection Area (DCA) Subcommittee

This subcommittee consists of Knut Metzler (DCA coordinator), Jeff Grossman, Jérôme Gattacceca, and Hasnaa Chennaoui-Aoudjehane. The purpose of the subcommittee is to bring forward to the NomCom, recommendations on dense collection areas throughout the world. Since August 2015, 16 DCAs have been defined and named: Algeria 2, China 2, Egypt 1, Iran 3, Mauritania 4, Morocco 4 and Western Sahara 1. In addition, the NomCom decided that the

DCA grid size in Mauritania will be the same as in Algeria, i.e., 1.5 x 1 degree.

Meteoritical Bulletin Database

The database (<http://www.lpi.usra.edu/meteor/>), which is updated regularly by the Database editor Jeff Grossman, currently (as of 4th October, 2016) lists 54,880 valid meteorite names. During the last year, the database listed 18 new meteorite falls (listed as confirmed or probable), including Aouinet Legraa (Algeria), Buritizal (Brazil), Cartersville (USA), Creston (USA), Diepenveen – an 1873 fall from the Netherlands, Ejby (Denmark), Famenin (Iran), Kamargaon (India), Moshampa (Iran), Mount Blanco (USA), Murrili (Australia), Osceola (USA), San Juan de Ocotán (Mexico), Sarıçiçek (Turkey), Sidi Ali Ou Azza (Morocco), Stubenberg (Germany), and Xinglongquan (China).

Data from the database continues to show the remarkable increase in recognized and classified martian and lunar meteorites. Over the last year, 32 new lunar meteorites were approved by the NomCom, for a total mass of 44 kg. Twenty-two martian meteorites were approved for a total mass of 4.5 kg.

During the last year, the database lists 1102 new non-Antarctic meteorite classifications, and 1310 from Antarctica. Of the non-Antarctic meteorites, 671 have the geographically non-specific locality name of Northwest Africa. Chile is growing to be a meteorite hotspot with 132 new meteorite classifications, all from dense collection areas. Oman continues to produce large numbers of meteorites with 121 new meteorite classifications.

Meteoritical Bulletin 103, 104, and 105

MetBull 103 contains 2582 meteorites including 10 falls (Ardón, Demsa, Jinju, Križevci, Kuresoi, Novato, Tinajdad, Tirhert, Vicência, Wolcott), with 2174 Ordinary chondrites, 130 HED achondrites, 113 Carbonaceous chondrites, 41 Ureilites, 27 Lunar meteorites, 24 Enstatite chondrites, 21 Iron meteorites, 15 Primitive achondrites, Mesosiderites, 10 Martian meteorites, 6 Rumuruti chondrites, 5 Ungrouped achondrites, 2 Enstatite achondrites, 1 Angrite, 1 Relict meteorite, and 1 Pallasite, and with 1511 from Antarctica, 588 from Africa, 361 from Asia, 86 from South America, 28 from North America, and 6 from Europe.

MetBull 104 contains 2282 new meteorite classifications. There were 3 confirmed falls and 1 probable fall (change in fall status). The top six “countries” with newly classified meteorites in 2015,

so far, are: Antarctica 753, Northwest Africa 361, Oman 157, Chile 21, United States 15, China 9. The following meteorite classes and their respective numbers were reported: H 545, L 448, LL 138, Eucrite 47, CO 27, Lunar 18, CV 17, Iron 13, CK 12, Howardite 12, Ureilite 12, EL 10, Martian 10, CM 9, Diogenite 7, Mesosiderite 6, CR 5, Pallasite 4, R 4, Lodranite 3, Achondrite-ung 3, Acapulcoite 2, Acapulcoite/Lodranite 1, Brachinite 1, C2-ung 1, CB 1, CH 1, Chondrite-ung 1, EH 1, K 1, Winonaite 1.

As of 4th October, 2016, there are 2100 new meteorite classification in the database from MB 105.

NomCom Membership

We currently have nine NomCom members: Laurence Garvie (Chair), Emma Bullock, Hasnaa Chennaoui-Aoudjehane, Vinciane Debaille, Tasha Dunn, Jérôme Gattacceca, Knut Metzler, Takashi Mikouchi, Francis McCubbin. We have 3 ex-officio NomCom members: MetBull Editor Audrey Bouvier; Database Editor Jeff Grossman and MetSoc Vice President: Trevor Ireland.

Laurence Garvie, NomCom Chair
October 2016

FROM THE MEMBERSHIP COMMITTEE

I am pleased to report that our Society continues to show strong membership, exceeding 1000 members this year, a number first reached in 2011 and which has been maintained to present. The most up-to-date membership count is 1022, a number which includes members from 48 countries. The Membership Committee would like to take the opportunity to welcome new members, and to recognize those members whom we have lost over the past year. The Membership Committee would also like to invite members to nominate deserving people in the Society who have promoted research and education in meteoritics and planetary science by means other than conducting scientific research.

New Members

Welcome to 57 new non-student members: Houda El Kerni, John Hua, Mrigank Dwivedi,

Mohamed Leihi, Jayanta Kumar, James Shelton, Ronald Dahly, John Mixter, James Richards, Michael Chaffin, Jack Satkoski, David Wingo, Jeremy Delaney, Elena Dobrica, Patrick Donohue, Makiko Haba, Nigel Cunnington, Zan Peeters, Natalia Hauser, Marshall Tabetah, Jon Larsen, Ryoji Tanaka, Pierre-Marie Pele, Terry Hinson, Andrea Koziol, Morten Bilet, Gary Wright, Akiko Nakamura, Patrick Michel, Richard Garcia, Karl Osvold, Gert Netjes, Laurence Garvie, Richard Wessel, Queenie Hoi Shan Chan, Ai-Cheng Zhang, Feng Yin, Chad Simmons, Francois Tissot, Kerri Donaldson Hanna, Roger Fu, Bo Zhang, Rachel Funk, Alice Stephant, Wladimir Neumann, Evgeniya Petrova, Mark Joyner, Andreas Hertwig, Katarina Milijkovic, Frederic Gringault, Nachiketa Rai, Julie McGeoch, John Roberts, Aaron Cavosie, Randy Patrick, Bruno Leitz, Willem-Ewoud Modderman and Jinia Sikdar.

Joining the Society this year is a healthy compliment of 54 students - an increase from 31 at this same time last year. New student members include: Zachary Torrano, Candice Bedford, Lee White, Maria Valdes, Meftah Nassima, Leonardo Baeza, Sky Beard, Martin Suttle, Jakob Wilk, Shannon Stockdale, Zelia Dionnet, Ane Slabic, Laura Flores Palma, Ake Rosen, Marina Martinez-Jimenez, Bidong Zhang, Josefina Nanne, Tianqi Xie, Gavin Kenny, Jan Render, Enrica Bonato, Dipankar Pathak, Jamie Gillies, Gurpreet Bhatia, Melinda Rucks, Evgeniia Brusnitsyna, Marina Calogovic, Masaru Inoue, Haruka Ono, Amir Pedram, David Kaeter, Jennifer Mitchell, Jitse Alsemgeest, Soogyong Goh, Patrick Hill, Christy Caudill, Masahiro Yasutake, Avgoustos Pantazidis, Patrizia Will, Karin Maierhofer, Bastien Soens, Mizuho Koike, Maximilian Hasch, Kohei Fukuda, Timmons Erickson, Danielle Simkus, Robert Luther, Stefan Farsang, Samuel Crossley, Nadine Krabbe, Mariana Velcic Mazivieiro, Maxwell Thiemens and Sebastian Kommescher.

Deceased Members

It is with sadness that we acknowledge the passing of Roy Clarke, Andrei Ivanov and Jerry Wasserburg this past year and Heinrich Wänke at the end of the previous year. Heartfelt condolences are extended to family and friends of these members who contributed to the field of meteoritics and planetary science.

Service Award Nominations

The Membership Committee would like to implore members of the Society to submit nominations for The Service Award. This award was established in 2005 to honor those members who have advanced the goals of the Society in ways not including scientific research, which could include education and public outreach, service to the broader scientific community, acquisition, as well as classification and curation of new samples for research. In the past we have awarded deserving recipients including Jeff Grossman, Roy Clarke Jr, Ralph Harvey, Gisela Poesges and most recently Cecilia Satterwhite. Winners are granted lifetime membership to the Meteoritical Society.

Nomination packages for the 2018 Service Award will be accepted up to January 30th, 2017, which should include a biographical sketch of the candidate and substantive information, as well as additional secondary letters to strengthen the nomination. Nominations should be sent by email to metsec@gmail.com. We hope to hear from you soon!

Erin Walton with the assistance of J. Alex Speer
September 2016

AWARDS AND HONORS

Leonard Medal for 2017 to Mark Thiemens

The Meteoritical Society recognizes Mark Thiemens with its 2017 Leonard Medal for his fundamental insight that local chemical fractionation processes can explain oxygen isotope systematics in the early solar system, a seminal breakthrough in understanding one of the most important observations in meteoritics.

Nier Prize for 2017 to Francis McCubbin

The Meteoritical Society recognizes Francis McCubbin with its 2016 Nier Prize for his significant contributions to our understanding of lunar volatiles, and the cosmochemical implications for both lunar and solar system evolution.

The recipients of the Leonard Medal and the Nier Prize were selected by the Leonard Medal Committee: Philip Bland (chair), Richard Binzel, Christine Floss, Roger Hewins, and Sara Russell.

Barringer Medal and Award for 2017 to Akira Fujiwara

The 2017 Barringer Award is awarded to Dr. Akira Fujiwara for pioneering work in the investigation of the collisional disruption of small bodies in the Solar System.

The Barringer Medal Committee selected the recipient of this award. The committee members were Mark Burchell (chair), Akiko Nakamura, Alex Deutsch, and John Spray.

Service Award for 2017 to Cecilia Satterwhite

The Service Award for 2017 is awarded to Cecilia Satterwhite for curatorial work that is critical to implementation of essentially all research on the US Antarctic Meteorite (ANSMET) Collections.

The Service Award was selected by the Membership Committee: Katie Dyl, Ludovic Ferrière, Shoichi Itoh, Rhiannon Mayne, Thomas Kohout, and Erin Walton (chair).

New Society Fellows for 2016

The Meteoritical Society recognizes nine new Fellows in 2016. They include:

Carl Agee (USA), for his leadership role in meteoritics research and his work in meteorite classification and curation.

Bill Bottke (USA), for significant contributions to our understanding of the collisional and dynamical evolution of small bodies in the solar system, and the Late Heavy Bombardment.

Nicolas Dauphas (USA), for significant studies on isotopes and meteorite chronology, for contributions to the Society, and for the mentoring of many students.

Chris Herd (Canada), for extensive petrologic and geochemical studies of Martian meteorites, and service to the society.

Lindsay Keller (USA), for major contributions to the studies of IDPs, stardust and lunar soils using TEM.

Guy Libourel (France), for significant contributions to petrologic and isotope studies of chondrules, and for service to the Society.

Carle Pieters (USA), for contributions to planetary exploration and the evolution of planetary surfaces, and for service to the planetary science community through establishment of NASA's Reflectance Experiment Laboratory (RELAB).

Alex Ruzicka (USA), for significant contributions to our understanding of chondrules, chondrites, CAI and achondrites; and for community outreach in meteoritics.

Steve Simon (USA), for significant contributions to our understanding of CAI, chondrules and lunar rocks; and pioneering work on the oxidation state of Ti and V in pyroxenes and spinel.

McKay Award for 2016 to Danielle N. Simkus

The McKay Award for 2016 goes to Danielle N. Simkus of the University of Alberta, for the presentation "Compound-specific carbon isotope compositions of aldehydes and ketones in the Tagish Lake meteorite."

Wiley Awards for 2016

Wiley, the publisher of our journal, *Meteoritics and Planetary Science*, again sponsored four awards of \$500 each for outstanding presentations by students at our 79th Annual meeting. The 2016 winners are:

Timo Hopp of Institut für Planetologie, University of Münster for the presentation "Ruthenium isotope fractionation during crystallization of planetesimal cores."

Gavin G. Kenny of Trinity College, Dublin for the presentation, "Impact crater environments as potential sources of Hadean detrital zircons."

Kelly. E. Miller of the Lunar and Planetary Laboratory, University of Arizona for the presentation, "Copper sulfides in the R chondrites: evidence of hydrothermal alteration in low petrologic types."

Sheryl Singerling of the University of New Mexico for the presentation "Synchrotron x-ray fluorescence analysis of trace elements in focused ion beam prepared sections of carbonaceous chondrite iron sulfides (CM and CR) and associated metal (CR)."

The recipients of the McKay Award and the Wiley Awards for 2016 were selected by a committee chaired by Tasha Dunn. The Society is grateful for their participation.

Pellas-Ryder Award for a paper published in 2015

This year the Pellas-Ryder Award Committee found that two papers, published in 2015, were equally of excellent quality and proposed to present the award to both of them. Thus, the 2016 award goes to (1) Romy Hanna for the paper by R. D. Hanna, R. A. Ketchum, M. E. Zolensky and W. M. Behr (2015) "Impact-induced brittle deformation, porosity loss and aqueous alteration in the Murchison CM chondrite," which was published in *Geochimica et Cosmochimica Acta* 171, 256-282 and to (2) Tanya Harrison for the paper by T. N. Harrison, G. R. Osinski, L. L. Tornabene and E. Jones (2015) "Documentation of

gullies with the Mars Reconnaissance Orbiter Context Camera,” published in *Icarus* 252, 236-254.

The selections of the Pellas-Ryder Award for 2016 were 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 Debra Buczkowski (GSA, Chair), Christoph Burkhardt (MS), Randy Korotev (MS), Susan Schwenzer (MS), Brad Thompson (GSA) and Danielle Wyrick (GSA).

Elsevier Early Career Scientist Award 2016

CALL FOR NOMINATIONS: AWARDS AND FELLOWS

The society depends on its members to nominate deserving candidates for its awards and fellowships. 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 where that person is known, or to the Secretary (MetSocSec@gmail.com). E-mail addressed to the Secretary will go to me (Mike Weisberg).

Leonard Medal and Nier Prize - Deadline January 15, 2017

Leonard Medal

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,

Elsevier, the publisher of our sister journal, *Geochimica et Cosmochimica Acta*, is donating funds to support travel to our Annual Meeting for scientists within 5 years of receiving their Ph.D. We gave the first award, for our 2016 Annual Meeting in Berlin, Germany, to Evan E. Groopman, U.S. Naval Research Lab. His presentation at the meeting was titled “Trace element determination in presolar grains with the NRL SIMS-SSAMS.” We intend to make future awards up to the annual amount of the award, to at least two persons per year.

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

Nier Prize

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.

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 2017, this language means that the nominee must either have 1) been born on or after January 1, 1983; or 2) received the doctorate on or after January 1, 2010.

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.

Please send nominations to metsec@gmail.com and to Sara Russell (chair of the Leonard Medal Committee) sara.russell@nhm.ac.uk.

Barringer Medal - Deadline January 15, 2017

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.

Please send nominations to metsec@gmail.com and to Mark Burchell (chair of the Barringer Medal Committee) M.J.Burchell@kent.ac.uk.

Service Award - Deadline January 31, 2017

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.

Please send nominations to metsec@gmail.com and to Erin Walton (chair of the Membership Committee) ewalton@ualberta.ca.

Pellas-Ryder Award -- Deadline January 31, 2017

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 the first author of a planetary science paper published in a peer-reviewed scientific journal. To be eligible for this cycle, the paper must have a publication year of 2016. 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 metsec@gmail.com and Debra Buczkowski (chair) debra.buczkowski@jhuapl.edu.

Nomination of Fellows for 2018

The Society will not elect new Fellows until 2018. Nominations may be received at any time, however.

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, metsec@gmail.com.

FROM THE SECRETARY

As I near the end of my first term as Secretary I would like to say that it has been a pleasure working with our President Mike Zolensky and Treasurer Candace Kohl, as well as all of the Society councilors and committee chairs and members. I am always impressed by the amount of time and effort that so many of our colleagues are willing to devote to help the Society carry out its business and activities. I am looking forward to my second term working with incoming president Trevor Ireland and our new council.

I am pleased to report that this past year has been an active one for the Society with many contributions made in support of Meteoritic and Planetary Science activities, as mentioned in the President's report above. One important example of this is the Society's support of travel for students and young scientists to attend meetings and workshops. This year, the Society supported student travel to attend the Highly Siderophile Element (HSE) Geochemistry Workshop in Durham, UK (\$3,000) and the 79th Meteoritical Society Meeting in Berlin (\$6,000), and Council recently approved to support student travel to the Workshop on Chondrules and the Protoplanetary Disk to be held in London, UK (\$3,000). Also this year, the Society supported an outreach effort in Santiago de Chile (\$5,300), in the form of a seminar on "Classification of Meteorites: I. Ordinary Chondrites", which is described in the Endowment Committee

Report above. Additionally, this year the Society established a new travel award for early career scientists within 5 years of receiving their Ph.D. The award will be funded through a donation of ~ £3000 per year from Elsevier. It is called the Elsevier Early Career Scientist Award and is for travel of young scientists to attend our Annual Meeting.

I urge members to visit the Society website periodically. It is always being updated with new features and news and announcements (both good and bad), including memorials to prominent Society members that have passed away. Most recently we posted memorials to Andrei Ivanov, Jerry Wasserburg, Roy Clarke and Heinrich Wänke. Additionally, the Society's new *Position Statement* is posted on the website.

Nominations for Awards and Fellows

Please nominate deserving candidates for Awards or to become Fellows. Council members are not allowed to nominate (according to the Bylaws).

Future Meetings of the Meteoritical Society

We are seeking proposals for the 2021 Annual Meeting and beyond. Please contact me (metsec@gmail.com) if you are interested in hosting the meeting.

Mike Weisberg, Secretary
October 2016