

President's Report

Hello and Buenos días! I want to thank the editors, officers, committee members and countless individuals working behind the scenes for their tireless service to the Mycological Society of America. As an all-volunteer society, your efforts are essential to the day-to-day functioning of our society. I want to especially thank our outgoing Executive Vice President, Sarah E. Bergemann, for all of the time and effort that she put into making our society run smoothly. She has great organizational skills that are beyond anything I expected of anyone.

After our very successful meeting in Athens in 2017, The MSA is excited to be the host Society for the 11th International Mycological Congress in San Juan Puerto Rico in 2018. Thanks to Sharon Cantrell Rodriguez, Matias Cafaro, Jean Lodge, and others on the ground in Puerto Rico for keeping us informed and working out the considerable logistical problems after the hurricanes in 2017. Thanks to the program committee for their commitment to our meeting. A special thanks to the MSA student section for committing to raising funds and supplies for hurricane relief for Puerto Rico.

Speaking of students, the MSA has a long history of supporting student travel to meetings and symposia, as well as research grants, through our endowment funds. In addition, student membership rates are quite low and a bargain compared to many other societies. My personal policy is to purchase the first year of MSA membership for each of my graduate students. I encourage all professors to do the same in order to get students engaged in the MSA. It's not expensive for me, but it makes a big difference for students.

The MSA has partnered with non-professional and "amateur" mycological societies (such as the North American Mycological Association) in the Mycoflora project. Enthusiastic people in the field are providing collections of fungi and their insights into distributions of these species in order to get a better understanding of the biodiversity of fungi in various areas of North America. As you know, mycology is one of very few scientific disciplines with such a large interest by non-professionals. One such mycologist, Gary Lincoff, passed away in March of this year and I was privileged to speak at his Memorial Service in New York. If only we could each leave a legacy as rich as Gary's.

In the past few years, the MSA has made some significant strides in promoting diversity among our ranks of scientists. The Society provides an inclusive environment for everyone interested in mycology without regard to gender, gender identity and expression, sexual orientation, disability, physical appearance, race, ethnicity, age, professional status, or religion. All members have the opportunity to participate fully in the Society governance, annual meetings, and activities sponsored by the Mycological Society of America. As far as mycological diversity, I hope we can make the MSA even more attractive to fungal cell biologists and other research groups that have become underrepresented.

Financially, the MSA is doing very well. We have large amount of money on hand from good investments (see reports). Thanks to those committees involved, especially to Jean Lodge who has led the charge for a professional investor, Middleton Advisory LLC. The MSA has used some of these funds for additional support for symposium speakers in Puerto Rico, hoping to

encourage mycologists who might not otherwise be able to attend. Our publishing agreement with Taylor & Francis is going well. Mycologia has published its first Festschrift in honor of Meredith Blackwell. A large number of new Mycologia editors have been named, and we have decided to reward editors with helping to defer their costs to the annual meeting. Overall, the MSA is in great shape, but there are some things we can do even better.

Our newsletter, Inoculum, returned for a trial run after a long hiatus. Now that we have a template online, we will be looking for a person to edit and add information on a regular basis. Contact me if you would like more information about this position.

In closing, thank you to all of the committees and their chairs for their work in keeping the MSA functioning well. I would like to give a special thank you to each of you who has contributed to spreading the science of Mycology to students and the masses. It has been nearly 40 years since I took my first Mycology class with Jim Cavendar at Ohio University. Although a few things have changed, maybe a couple of names here and there, the science of Mycology has remained interesting and surprising as new discoveries are being made. It will be remarkable to see what's next.

Respectfully submitted
Tom Volk, MSA President
June 28, 2018

President Elect Report

This past year was devoted to the organization of IMC 11. IMC 11 registration as of today is 799 (551 regular delegates and 248 student) plus 15 guests and 14 one day passes. We gave 202 discount codes to delegate of developing countries, speakers, chairs and committees. We have 773 abstracts between oral and poster presentations.

The 2020 MSA Annual Meeting will be held in Gainesville, Florida with Matthew Smith as the local organizer. Dr. Smith reported that before setting a date we need to know the dates for APS. He reported that there is ample housing on campus and the UF conference people can help to arrange blocks of rooms at the nearby hotels. There are several hotels that also have conference centers but he thinks that going through the UF conference people and doing the event on the campus is likely the best way to go to ensure dorm housing options. This would also mean that the events would be reasonably close to downtown Gainesville and some restaurants. For the field trip he says that there are several options that are all less than 30 minutes away from campus - the two top candidates are the San Felasco State Park and UF's Ordway-Swisher reserve. Both are 20-30 mins. in a bus from campus so I think this will not be too hard to arrange.

We also filled positions in the MSA Karling Annual Lecture Committee and the Diversity and Inclusion Committee.

Respectfully Submitted,
Sharon A. Cantrell, President Elect

Report by Anne Pringle, MSA Vice President

I have two substantive matters to report to MSA membership: first, election results and second, the current state and future of Inoculum. A third issue, related to the Distinctions Committee, is for discussion by Council only.

1. ELECTIONS

Nominations for MSA Offices and Council. Elected officers and councilors **in bold**.

Position	Nominated by Nominations Committee	Nominated by Membership
VP	Marc Cubeta	David Geiser
Executive VP	Tony Glenn	Marin Talbot Brewer
Genetics/MolBio	Alisha Quandt	Huzefa Raza
Cell/Physiology	Jason Stajich	Rosanne Healy
Ecology/Pathology	Bitty Roy	Nhu Nguyen
Systematics/Evolution	Brandon Matheny	Camille Truong

Election results for MSA by-laws changes.

All Bylaws were approved including amendments that foster diversity in the call for nominations, appointment of Officers, Editors and Committee members, and granting permanent status to the Editorial Advisory Committee.

Election results for MSA officers and councilors. We thank David Geiser, Tony Glenn, Huzefa Raza, Rosanne Healy, Bitty Roy, and Camille Truong for running in the election. A total of 327 people voted!

Elected officers and councilors are:

Vice President:



Marc A. Cubeta – is a Professor in the Department of Entomology and Plant Pathology, Director of the Larry F. Grand Mycological Herbarium and Associate Director of the Center for Integrated Fungal Research at North Carolina State University (NCSU). He received his PhD from NCSU and conducted research in the laboratory of Rytas Vilgalys at Duke University during his PhD program and later as a post-doctoral scientist. His research focuses on understanding the ecology and population genetics of

beneficial and plant pathogenic fungi in the *Rhizoctonia* species complex. Additional research interests include examining the linkage between fungal diseases of animals and plants. He teaches Introduction to Mycology and Kingdom of Fungi courses and was

elected to the NC Academy of Outstanding Teachers in 2016. He enthusiastically mentors high school science teachers and students via STEM-based educational outreach activities with a commitment to increase diversity. He has provided administrative leadership on advisory and editorial boards, peer-review grant panels and journals, and graduate student and University committees. He organized Mid-Atlantic States Mycology Conferences (2005, 2017), served as chair of the APS Mycology Committee (2001), and was a member of the US National Committee (mycology section) of IUMS (2000-04, with John Taylor), and of the White House Office of Science and Technology Policy Microbiome Focus Group (2015-16). His service to MSA includes: Education Committee (current); Treasurer and Executive Council (2011-13); Endowment and Finance Committees *ex-officio* (2011-13); Program Committee (2005-09); Ecology/Pathology Councilor (2006-08); and MSA Asheville local arrangements committee (2004). He is an MSA Fellow (2014) and a Fulbright Scholar (SLU-Uppsala, 2012).

Executive Vice President:



Marin Talbot Brewer – is an Associate Professor of Mycology and Plant Pathology at the University of Georgia where she has been a faculty member since 2011. Her research focuses on the evolution and diversity of plant-pathogenic fungi with interests in the genetic basis of disease emergence and host specialization, the evolution of fungicide resistance and fungal mating systems, and the taxonomy and systematics of fungi causing emerging plant diseases. Her research has been funded by diverse agencies including the National Science Foundation, The U.S. Department of Agriculture, and the Centers for Disease Control and Prevention. She received her M.S. in Plant, Soil, and Environmental Science from the University of Maine where she studied the effects of biological control on soil microbial ecology and Rhizoctonia disease of potato, and her Ph.D. in Plant Pathology and Plant-Microbe Biology from Cornell University in 2011, where her dissertation focused on the phylogeography and mating system of the grape powdery mildew fungus, *Erysiphe necator*. Marin teaches two fungal courses at the University of Georgia – “Mycology” and “Fungi: Friends and Foes” – to more than 325 students every year. She received the MSA Graduate Fellowship in 2009. She has served on the MSA Membership Committee (2012–2016), organized symposia and workshops at MSA meetings, was Councilor of Ecology and Pathology (2014–2016), and was Local Arrangements Chair for the 2017 MSA Annual Meeting in Athens, Georgia.

Councilor for Genetics & Molecular Biology:



Alisha Quandt – is an Assistant Professor of Ecology and Evolutionary Biology at the University of Colorado Boulder, where in addition to her research she teaches courses in Mycology and Microbiology. She received a PhD in Botany and Plant Pathology from Oregon State University where she trained under Joey Spatafora, and completed postdoctoral training with Tim James at the University of Michigan. Alisha

uses comparative genomics and molecular phylogenetics to examine the evolution of fungal host jumping and parasitism, fungal interactions with other microbes (including other fungi), and fungal systematics, especially within Ascomycota and early diverging fungi. She is an active member of MSA, serving as a student presentation judge at the past two society meetings, a co-organizer of a symposium at the upcoming IMC meeting in Puerto Rico, and as a reviewer for *Mycologia*. MSA Awards received include an MSA Graduate Fellowship, an Oral Presentation Award, and two Mentor Travel Awards.

Councilor for Cell Biology & Physiology:



Jason Stajich - is a Professor in the Department of Microbiology and Plant Pathology and Director of the Microbiology Graduate Program at University of California, Riverside. His research is focused on genomic and experimental approaches to study fungal evolution. He earned his BS in Computer Science and PhD in Genetics & Genomics from Duke University focusing on phylogenomics and genome evolution in fungi in lab of Fred Dietrich. He found his love for mycology thanks to the welcoming community of mycology labs at Duke that spanned ecology and medical mycology expertises. He carried this multi-disciplinary curiosity into his postdoctoral training in mycology and evolution at University of California, Berkeley as Miller Research Fellow in

John Taylor's lab. He established his own lab in 2009 at UC Riverside. He received the Alexopoulos Prize in 2014 and gave the 2017 Whetzel-Westcott-Dimock Lecture at Cornell University. He has been an MSA member since 2007 and served as Councilor Genetics & Molecular Biology (2010-12), website committee (2012-2015) and currently serves on the Karling Lecture Committee and as an Associate Editor for *Mycologia*. He is also an Associate editor at *Fungal Genetics & Biology*, *Microbial Genomics*, *Genetics*, and previously was a Section and Academic editor at *PLoS One*.

Councilor for Ecology & Pathology:



Nhu Nguyen – is interested in the diversity and ecological consequences of symbioses between fungi and other organisms. Some years ago as an undergraduate, he found himself in Meredith Blackwell's lab studying the bewildering diversity of yeasts in the gut of insects that feed on mushrooms and woody substrates. It was there that he gained a deep appreciation for mycology, as well as the MSA mycological family. Continuing on a mycological path, he came to Tom Brun's lab where he studied the ecological interactions between bacteria and their associations with ectomycorrhizal and saprobic fungi. It was there that he also worked on the longevity of fungal spores, a project that Tom started a few years prior. After graduate school, he went to the northern land of Minnesota to continue on the path of ectomycorrhizal ecology with Peter Kennedy. Although the 2-year post-doc was short, they were productive in producing important papers on high-throughput sequencing for fungi. Working with Peter, Scott Bates, Zewei Song, and a number of collaborators he produced the FUNGuild database for identifying fungal ecological guilds. He brought his (sub)consciously implanted (by Tom Brun) excitement for the ectomycorrhizal mushroom genus *Suillus* to Minnesota and with Peter began developing this genus into a model genus to study the ecology and coevolution of ectomycorrhizal fungi with their hosts. Afterwards he went back to Berkeley for a short second post-doc with Mary Firestone doing microbial ecology using stable isotope labeling. Currently, he is at the University of Hawaii at Manoa, using 'omics methods to study fungi, as well as other soil-dwelling creatures in tropical soils. The focus is to understand how biotic diversity contributes to functional ecology of the many interesting soils in the middle of the Pacific. He teaches Advanced Soil Microbiology and serves on the MSA Liaison with Amateur Mycological Clubs and Societies Committee.

Councilor: Systematics & Evolution



Brandon Matheny – Brandon is an Associate Professor in Ecology and Evolutionary Biology at the University of Tennessee. He is also the Curator of Fungi at the Tennessee Herbarium (TENN). Brandon is now in his tenth year at UT where he performs research in fungal systematics and evolution, specializing in mushroom-forming fungi of the Agaricomycotina. He is also an executive editor for the journal *Mycologia* and previously served MSA as a systematics-evolution councilor between 2010-12, as associate editor for six years for *Mycologia*, and on various MSA committees. He was recently recognized as a MSA Fellow in 2017. Samples of recently published works have appeared in *Evolution*, *Molecular Ecology*, *Proceedings of the Royal Society*, and *New Phytologist*. He also produced a monograph of Australian

Inocybaceae including treatment to some 150 species in the family, of which 100 were described as new just last year.

Brandon was a history undergrad at Oklahoma State University before trekking to the great forests of the Pacific Northwest. There he encountered the staggering diversity and abundance of mushroom-forming fungi and was mentored by members of the Puget Sound Mycological Society. He eventually landed in Joe Ammirati's lab at the University of Washington and completed a PhD there in Botany with Joe, Ben Hall, and Yajuan Liu. Brandon completed his PhD in 2003 and transitioned to a postdoctoral position with David Hibbett at Clark University where he helped to assemble the fungal tree of life. Brandon was hired by the University of Tennessee in 2008. Fungal taxonomy is the major staple of his research life, however, he also has interests in macroevolution, macroecology, and diversification of mushroom-forming fungi. Mushrooms are part of his fun too, which includes collecting locally in the Southern Appalachians. Mushroom photography is a serene hobby of his together with cooking and all kinds of sports.

2. INOCULUM

Inoculum is back! And is running smoothly, thanks very much to Don Natvig. We make a good team, handling communications with both Allen Press and the community to reach out to potential authors, generate and collect material, and then format and publish each issue. So far we've got one issue out the door (<https://msafungi.org/PUBLICATIONS/INOCULUM/InoculumMarch2018>) and another planned for the very near future (ideally, it will have reached you before IMC11 in Puerto Rico!). I'm not sure our interim leadership is a viable long term solution, but for the moment we are happy to keep going. If we can get back to at least three issues a year, I'd be delighted.

2018 Annual Report of the Executive Vice President

The Executive Vice President's Annual Report (published on the MSA website: <https://msafungi.org/Portals/0/2017%20Meeting/2017%20MSA%20Council%20Meeting%20Minutes.pdf>) summarized the activities from July 2016 to July 2017. A summary of activities since the annual meeting in Athens, GA is as follows:

- Conducted 17 email polls:
 - 2017-07— Council approved support of matching funds of up to \$20,000 for the North American Mycoflora Project (NAMP)
 - 2017-08 — Council approved an amendment to the MSA Student Section Bylaws to include a merchandising chair
 - 2017-09 — Council approved a request for discounted membership for Jumban Blaise
 - 2017-10 — Council approved a request for emeritus status for Dr. Robert Antibus
 - 2017-11 — Council approved a request for emeritus status for Dr. David Yohalem

- 2017-12 — Council approved support for the travel and registration for attending the MSA annual meeting for *Mycologia* Editors
- 2018-01 — Council approved the nomination of *Mycologia* Associate Editors Chris Spies, Matt Smith, Jeff Stone, Allison Walker and Don Walker
- 2018-02 — Council approved a motion to increase funding by the MSA by an additional \$34,000 to support travel and registration costs for IMC11 symposia speakers
- 2018-03 — Council approved the nomination of *Mycologia* Associate Editors Robby Roberson and Andy Wilson
- 2018-04 — Council approved a request for discounted membership for Lourdes Alvarez
- 2018-05 — Council approved the nomination of *Mycologia* Associate Editors Bridget Barker, Ricardo Garcia Sandoval, Jozsef Geml, Catherine Gehring, Jolanta Miadlikowska and Jason Stajich
- 2018-06 — Council approved a request for discounted membership for Sudisha Jogaiah
- 2018-07 — Council approved amendments to the MSA By-laws including the amendments to foster diversity in the appointments of Committee members, Editors and nominations and the amendment to grant permanent status to the Editorial Advisory Committee were approved by Council vote.
- 2018-08 — The nomination of MSA Fellow, Dr. Lori Carris, was approved by Council vote
- 2018-09 — The nominations of MSA Fellows, Drs. Georgiana May and Anne Pringle, were approved by Council vote
- 2018-10 — Council approved a request for emeritus status for Dr. David Largent
- 2018-11 — Council approved a request for emeritus status for Dr. Marshall Bergen
- Submitted blast email announcements to Allen Press Association Manager, Terry Leatherman, for mentor student travel awards, nomination of officers for MSA council, spring ballot, awards deadlines and IMC11 meeting announcements
- Coordinated the dissemination of applications and support letters to awards chairs (Distinctions, Honorary, Research, Student Mentor Travel and Student Awards)
- Drafted and mailed letters to all donors acknowledging the receipt of all endowments for 2017 and the first quarter (through March 31, 2018) of the 2018 calendar year
- Worked with Vice President Anne Pringle to prepare and disseminate the 2018 ballot
- Worked with President Tom Volk to organize the agenda for the midyear Executive Council Meeting; made arrangements for the meeting via conference; contacted officers and committee chairs to submit midyear reports; and compiled the agenda and packet for meeting
- Worked with Todd Osmundson to coordinate MSA renewal effort; drafted and emailed letters to lapsed MSA members

- Worked with President Tom Volk to organize the agenda for the annual Council Meeting; made arrangements for the meeting with the Local Coordinator, Sharon A. Cantrell; contacted officers and committee chairs to submit annual reports; and compiled the agenda and packet for meeting
- Updated the MSA Manual of Operations
- Responded to email and other inquiries addressed to MSA
- 79 new members from 16 countries joined MSA in 2018 and will be presented for approval by member vote at the Business Meeting (Wednesday, July 18):
 - **Argentina**— María Martorell
 - **Australia**— Osu Lilje, Pam O'Sullivan
 - **Belgium**— Olivier Raspé
 - **Cameroon**— Jumbam Blaise
 - **Canada**— Seon Hwa Kim, Vasileios Kokkoris, Jean Rodriguez-Ramos, Victoria Taylor
 - **China**— Mubashar Raza
 - **Colombia**— Luis Fernando Coca
 - **India**— Sudisha Jogaiah
 - **Republic of Korea**— Dong Liu
 - **Mexico**— Olga Callejas-Negrete, Marisela Garduño-Rosales
 - **Philippines**— Lourdes Alvarez
 - **Romania**— Alexandra Hillebrand-Voiculescu
 - **South Africa**— Ihan Du Plessis, Wilma Nel, Miranda Procter
 - **Switzerland**— Jessica Allen
 - **United Kingdom**— Caio Ambrosio Leal Dutra, Martin Bidartondo
 - **United States**— Shannon Adams, Sebastian Austin, Gillian Bergmann, Shazneka Blue, Andre Boraks, Samuel Bronfen-Quinones, Jennifer Butt, Marcos Caiafa Sepulveda, Erin Carr, Joseph Carrillo, Bala Chaudhary, Dan Cooke, Alden Dirks, Cameron Egan, Jonas Frankel-Bricker, Teddy Garcia Aroca, Savannah Gentry, Alexander Gorman, Stuart Graham, Matt Grisnik, Sharon Harney, Madeline Hearst, Paul Hill, Edward Hillman III, Matthew Hoyt, Jonathan Hulvey, Caroline Judith-Hertz, Jason Karakehian, Anna Kazarina, Kerry Knudsen, Victoria Korn, Nattapol Kraisit, Rebecca Lakatos, Noah McVay, Ian Medeiros, Joel Mercado-Diaz, Surabhi Naik, Blake Oakley, Sidnee Ober-Singleton, Justin Pallack, Martha Pulido-Chavez, Luis Quijada, Samantha Reese, Mary Sabuda, Jake Sarver, Nicholas Sciolino, Aswathy Shailaja, Heather Slinn, Kathleen Thompson, Henry Tomasiewicz, Karen Vanderwolf, Ana Vazquez, Jana Voriskova, Tristan Wang, David Wheeler
- Four members were approved by Council for Emeritus status since the 2017 annual report and will be presented for approval by member vote at the Business Meeting:
 - Dr. Robert Antibus, formerly Bluffton University, member since 1975

- Dr. Marshall Bergen, formerly Rutgers University, member since 1991
- Dr. David Largent, formerly Humboldt State University, member since 1966
- Dr. David Yohalem, formerly Danish Institute of Agricultural Sciences, member since 1994
- The deaths of the following members were reported:
 - Cletus Kurtzman (November 27, 2017)
 - Robert Lichtwardt (February 9, 2018)
 - Franz Oberwinkler (March 15, 2018)
 - Gary Lincoff (March 15, 2018)
 - Yves Renaud (date undetermined)

I also provided categories for members to self-identify interest for volunteer service for committees and positions for the MSA Business website:

Publications

Inoculum Editor

Associate Editor, *Mycologia*

Electronic Communication & Web Page Management (manages the dissemination of MSA news, procedures, job postings and information for the website and social media)

Awards

Research (selects recipients of research fellowships for students, postdocs and researchers)

Student (selects recipients for student fellowships and best student poster and oral presentations at annual MSA meetings)

Mentor Travel (selects recipients for student travel awards to annual MSA meetings)

Honorary (selects recipients of MSA fellows and Honorary Members - must be a former MSA President)

International (selects recipients of student and post-doc travel awards to International meetings)

Mycological Society Distinctions (selects recipients of Alexopolous Prize, Distinguished Mycologist, Weston Award for Teaching Excellence, Gordon and Tina Wasson Award)

MSA Membership and Council

Membership (coordinates renewal effort for MSA and recruitment of new members)

Diversity and Inclusion (fosters diversity in participation of the MSA membership)

International (fosters international diversity in participation of the MSA international membership)

Nominations (selects MSA officers and council members for elections - must be a former MSA President)

MSA Annual Meeting

Karling Annual Lecture (selects the Karling annual lecturer for annual MSA meeting)

Program Committee (organizes the program for the annual MSA meetings)

Financial Oversight and Fundraising

Finance (manages endowments for the MSA and coordinates with the financial advisor)

Endowment (raises funds for endowments and coordinates the auction at annual MSA meetings)

Electronic Communications and Website

Electronic Communication & Web Page Management (manages the dissemination of MSA news, procedures, job postings and information for the website and social media)

Education (coordinates and disseminates education materials for the MSA)

Specific Expertise

Nomenclature (provide expert opinions on nomenclatural problems and dissemination of nomenclature issues to the MSA)

Liaison with Amateur Mycological Clubs & Societies (coordinates activities and outreach with amateur societies and organizations)

Since my term ends at the conclusion of the business meeting, I would also like to advise Council of the following:

1. Association management contract with Allen Press ends December 31, 2018
2. Contract bidding and negotiation takes significant effort and time and I advise Council to consider extending the current contract through the MSA renewal effort (June 30, 2019) and/or annual meeting (August 31, 2019)
3. Many of the tasks that are assigned to MSA committees are tasked to the Executive Vice President and I strongly encourage council to find committee members willing to perform the following tasks and relieve this duty for the newly elected EVP, Marin Brewer:
 1. Editing reports submitted for executive Council and council meetings (formerly a task assigned to Inoculum Editor)
 2. Drafting and mailing letters acknowledging the receipt of all donations (a task of Endowment Committee) – letters were mailed through first quarter of 2018
 3. Obtaining bids and negotiation of new association services contract (my experience has been that it is difficult for a newly elected EVP to manage responsibilities after the annual meeting

with the other responsibilities assigned to the EVP. Second, this should be negotiated and secured from an officer who has experience with MSA operations).

Respectfully submitted,
Sarah Bergemann

Treasurer's Annual Report: 02 July 2018

Table 1. MSA Financial Position as of 31 Dec 2017

Assets	As of 31 Dec 2016	As of 31 Dec 2017
Checking- US Bank	\$ 195,472.92	\$ 218,286.29
Accounts Receivable	910.00	910.00
TDA-Combined	1,337,880.64	1,565,151.47
Prepaid Expenses	27,110.92	29,808.28
Total Assets	\$ 1,561,374.48	\$ 1,814,156.04
Liabilities and Net Assets		
Accounts Payable	\$ 4,894.51	\$ 34,848.08
Deferred Meeting		
Deferred Memberships		
Deferred Publications		
Long Term Liabilities	45,940.00	52,260.12
Total Liabilities	\$ 50,834.51	\$ 87,108.20
Unrestricted Net Assets	560,562.93	711,400.99
Excess Revenue over Expenditures	123,396.29	117,206.60
Total Unrestricted	\$ 683,959.22	\$ 828,607.59
Restricted Net Assets	799,138.98	799,138.98
Restricted Rev over Expense	27,441.77	99,301.27
Total Restricted	\$ 826,580.75	\$ 898,440.25
Total Net Assets	\$ 1,510,539.97	\$ 1,727,047.84
Total Liabilities & Net Assets	\$ 1,561,374.48	\$ 1,814,156.04

In CY/FY 2017 MSA experienced no change in Unrestricted Net Assets and an 8.69 % growth in Restricted Net Assets.

MSA Awards

For the 2017 MSA annual meeting in Athens, Georgia \$13,500 was awarded for 18 Mentor Student Travel Awards at \$750 each (Alexopoulos, Barksdale, Barr-Bigelow, Bigelow, Butler, Denison, Emmerson, Fitzpatrick, Gilbertson, Korf, Kramer, Luttrell, Miller, Thiers, Trappe, Simmons, Uecker and Wells); and \$47,450 for 19 research awards (Martin-Baker \$2500, Rogerson \$1000, Rippon No Applicants, Lichtwardt \$1000, Simmons \$10000, Bartnicki-García \$500, Forest Fungal Ecology Graduate \$5,000 for four awards at \$1250; Forest Fungal Ecology Post-Doctoral \$5,000; Translational Mycology \$10,000 for four awards at \$2500, Translational Mycology Postdoc \$10,000 for

two awards at \$5000, NAMA \$2,000; MSA Graduate Fellowship \$4,000 for two awards at \$2,000 each; Undergraduate Research \$500 and Backus \$1,000). A distinctions award, the Alexopoulos Prize, was awarded at \$1,000. An anonymous contribution of \$5000 was received to support two speakers for the Translational Mycology symposium at the 2017 MSA meeting in Athens, GA.

For IMC11, In San Juan, Puerto Rico, which serves as the 2018 Annual Meeting, MSA increased Mentor Travel Awards to \$1000 each. This is a temporary change, for this meeting only. In total, MSA has committed \$24,000 for Student Travel Awards, \$6000 for International Travel Awards for MSA members, and \$20,000 for International Travel Awards for non-MSA professionals (bursary from IMA). MSA has also committed \$41,250 for Research Awards, \$8000 for Student Awards, and \$1000 for the Alexopoulos Prize.

Publications

Since January 1, 2017, MSA has been in a co-publishing arrangement with T&F to publish, market and distribute *Mycologia*. Under this contract, T&F assumes all costs of publication in print and online, including up to 96 color pages in the print journal, but not including open access fees. (Currently, the cost to authors who are members, or to MSA, is ca. \$2,000 to make an article open access.) In accordance with the contract with T&F, the MSA has received an editorial, administrative, and travel stipend of \$35,000 and a minimum royalty payment of \$45,000. The contract specifies a 30% royalty of net sales receipts, so if the MSA is to receive more than \$45,000 in royalties in a given calendar year, T&F pays out the rest of that royalty by the end of February of the following calendar year.

Table 2. MSA Revenues in 2017

Administrative	
Auction/T-shirts/etc.	\$ 10,311.50
Contr. Thru DCB to Xfer	52,650.72
Total Administrative	\$ 62,962.22
Investment	
Endowment Growth	109,336.72
Non-endowment Growth	38,085.80
Total Investment	\$ 147,422.52
Meeting (Total)	\$ 159,654.08
Membership Dues	\$ 58,776.00
Publishing	
Other Income	43,287.35
Back issues	455.00
Revision and page charges	9,613.25
Royalty or Pay-per-view	58,451.73
Subscriptions	6,034.50
Total Publishing	\$ 117,841.83
Total Revenues	\$ 546,656.65

Table 3. MSA Expenses in 2017

General	\$ 9,243.93
Grants and Awards	\$ 72,212.07
Meetings	\$136,501.03
Travel	\$895.40
Publication	
Inoculum Management Fees	52,991.07
Management	
Mycologia	27,464.79
Mycologia:AllenTrack	1,061.21
Mycologia:Editorial office	18,200.78
Mycologia:Online publication	11,413.50
Mycologia subtotal	\$ 58,140.28
Total Publication	\$ 111,131.35
Other (Student Section-Expenses)	\$ 165.00
Total Expenses	\$ 330,148.78

Membership

Table 4. MSA Membership

Year	Members
2008	1134
2009	1139
2010	1105
2011	1110
2012	1151
2013	1099
2014	1079
2015	1044
2016	1137
2017	1061
10-year average	1106

Membership appears to have been very steady over the past 10 years, and membership in 2017 was within that historical range but below the median.

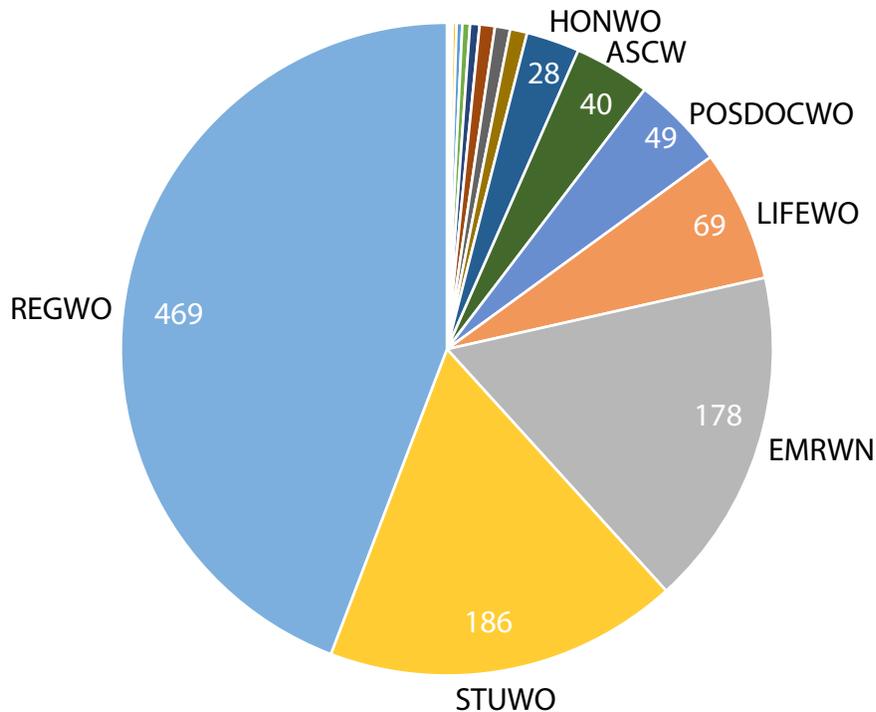


Figure 1. Membership by code. Major categories are Regular Member Worldwide with online subscription (REGWO), Student Member Worldwide with online subscription (STUWO), Emeritus Member Worldwide with no subscription (EMRWN), Lifetime Member Worldwide with online subscription (LIFEW), Postdoc Member Worldwide with online subscription (POSDOCWO), Associate member worldwide (ASCW) and Honorary Member Worldwide.

Other issues

- MSA is handling the finances for the 11th International Mycological Congress (IMC11) in Puerto Rico, which will serve as the 2018 annual meeting of the MSA.
- In addition to the endowed travel awards, MSA Council committed up to \$54,000 in financial assistance for speakers, with a limit of \$1500 each (not including other awards) and priority given to students, junior scientists and those from relatively impoverished countries. A call went out via symposium organizers for applications for this assistance, an ad hoc committee consisting of the MSA Treasurer, local organizers and the MSA program chair considered the applications, and applicants were informed of the decisions. In general, these funds will be disbursed as reimbursements, although in rare circumstances other arrangements must be made, such as payment in kind for registration, flight and/or accommodation.
- The MSA Council voted to reimburse Mycologia editors (Managing, Executive and Associate) up to \$600 in registration and up to \$1,000 in travel to MSA annual meetings including IMC11. For editors who cannot attend the MSA annual meeting any given year, the MSA will, with approval of the President, reimburse up to \$800 in expenses to attend another meeting in the same year. Funds for reimbursement will be from the \$35,000 annual Administrative and Editorial Stipend provided by Taylor and Francis per our copublication contract.

- Proceeds from the 2015 meeting at the University of California, Berkeley, were received on August 1, 2017, and totalled \$38,423.58. This total included \$35,000 for meeting registrations and \$3423.58 miscellaneous.
- In her will, Martha Christiansen generously bequeathed \$16,000 to the MSA Myron Backus fund.
- The biennial report to the District of Columbia Department of Consumer and Regulatory Affairs was submitted online on January 7, 2018. This is required to keep the organization in good standing.
- The MSA received a generous donation of \$50,000 with a request to fund research projects in the following areas:
 - The effect and sustainability of commercial wild chaga harvesting on forest health. Could be a multiyear study.
 - MycoNanotechnologies. See attached papers
 - Ergothioneines in mushrooms and mycelium. See attached paper by Beelman
 - Basidiomycete Strains for the Direct Conversion of Lignocellulose Into Ethanol
- The MSA received a generous donation of \$2000 from Melavante Corporation to support the NANA Award. (Melavante Corporation, 6200 Capitol Boulevards SE F, Tumwater, WA 98501, Phone 360 352 1851, Mearle E. Gates Jr., President, Melodie Gates, Treasurer melodie52@comcast.net, Barbara Ching, Secretary laetiporous@gmail.com).
- The 2016 tax return for MSA (EIN 16-6077141) was submitted to the IRS in November 2017, and listed Net Assets at \$1,510,540. For future reference, the address is listed as MYCOLOGICAL SOCIETY OF AMERICA, P.O. BOX 1897, LAWRENCE, KS 66044-8897

Respectfully submitted,
Christopher L. Schardl

Mycologia Editors' Report, June 28, 2018

Betsy Arnold, Brandon Matheny, Chris Schardl, Keith Seifert, Brian Shaw

The journal received 252 manuscripts in 2017 and has received 116 manuscripts in 2018 (as of June 28, 2018). This submission rate equals or surpasses recent years: 2015 (227) and 2016 (236 Allen Track; 51 Editorial Manager; many overlap). The average time from submission to first decision was 63.1 days (an increase from 50 days in 2016). The average time from submission to final decision was 88.1 days (compared to 74 in 2016). The rejection rate is 63.5% (64% in 2016). Two hundred twenty nine unique reviewers completed a review in 2017. Submissions in 2017 originated from 45 countries.

The 2017 impact factor was 2.762 compared to 2.55 (2016), 2.638 (2015) and 2.471 (2014). This trend reflects a steady increase since a low of 1.587 in 2009.

Print issues of *Mycologia* 110 (1) were mailed on June 4, 2018. Issue 110 (2) is in production at the time of this writing. An additional 24 accepted manuscripts are either published online or are in production (as of June 28, 2018). This backlog of accepted manuscripts will return the journal to on time printing status in 2018.

Issue 110 (1) was a special issue published as a Festschrift honoring Meredith Blackwell. The Editors commend Executive Editor Keith Seifert, Associate Editor Ning Zhang and Guest Editors Cathie Aime and Joey Spatafora for their efforts in producing the special issue. The Editors welcome Executive Editor, P. Brandon Matheny who began his service in January 2018.

The Editors welcome new Associate Editors: Bridget Barker, Ricardo García-Sandoval, Catherine Gehring, Jozsef Geml, Jolanta Miadlikowska, Robby Roberson, Matt Smith, Jason Stajich, Jeff Stone, Allison Walker, Donald Walker, and Andy Wilson.

The MSA and editorial board would like to thank the following Associate Editors who have completed their service on the editorial board: Ignazio Carbone, Jeff Cary, Jessie A. Glaeser, Niklaus Grunwald, Tim James, Peter Kennedy, Andrew Methven, Andrew Miller, and Brian Perry.

With the rotating Executive Editor structure adopted last year, Keith Seifert will be rotating off as Executive Editor at the end of 2018, and a replacement Executive Editor will have to be recruited. Our present plan is that the departing Executive Editor will serve as a Review Editor for one year before departing the board completely.

Our publishing partner Taylor and Francis has begun the process of digitizing back issues of *Mycologia*. It is anticipated that all previous issues of *Mycologia* will be available at Mycologia.org in summer of 2018.

Ongoing problems include:

Print publication of the journal is behind schedule. This is in part because of growing pains through the transition to our new publisher and from reviewer and editor burnout causing a lag in the review process. A large new crop of Associate Editors was recruited for 2018 to help alleviate this. Also as detailed above, a current backlog of accepted articles can account for the next 2 to 3 issues. We anticipate clearing the printing backlog to catchup to on time publication in 2018.

There is still a pressing need to resolve the copyright status of previous issues published by the New York Botanical Garden. Executive Editor Keith Seifert and Managing Editor Brian Shaw spoke with representatives of Taylor and Francis and NYBG working to resolve the issue. This copyright uncertainty means that back issues before 1998 were previously online only at JSTOR. Taylor and Francis is currently digitizing these issues for hosting on their website.

Annual Report of the Association Manager 2018

TO: Mycological Society of America Council

RE: 2018 Association Management Report – Prepared and Submitted by Terry Leatherman, Association Manager for MSA and Manager of Association Management Services for Allen Press, Inc.

On behalf of the team at Allen Press, thank you for the opportunity to provide association management services to the Mycological Society of America.

As a Society receiving Business Management services from Allen Press, there is a team of professionals providing services to the MSA and its membership on a daily basis. The most visible member of the team is Terry Leatherman, who has been assigned to be Association Manager for MSA and, as such, provides and coordinates an array of association management services. Association Management Administrator LeRenzo Kelley is responsible for maintaining MSA's membership database, responding to member inquiries, processing payments and executing membership renewal efforts.

Marketing Communications Specialist Dominique Scanlan prepares and sends email communications to the MSA membership. Dominique is part of an Allen Press marketing team that works on the appearance of renewal materials and is available to assist with additional marketing needs of the MSA. Staff Accountant Tracy Reynolds is assigned to maintain all MSA financial records and prepare monthly financial reports. Accounting Clerk Michelle Williams processes electronic payments and checks received in the mail for MSA. Allen Press Vice President of Information Systems & Technology Jeffrey Lewis leads several technology professionals to maintain and respond to problems that arise with MSA's website and electronic database systems. Finally, a former MSA Association Manager, Chris Lapine looks forward to helping future MSA meetings and events success as the Allen Press Manager of Meeting Services.

We are very proud of the team we have assembled to help MSA advance its mission.

- MSA Membership Retention Services

As of June 12, 2018, MSA had 946 members. Current membership is 10.8% less than MSA membership totaled at the end of 2017. In 2017, MSA experienced a 6.7% membership reduction from 2016. 34% of the 2018 membership decline is in the regular membership area, while 30% of the decrease is in student members

MSA Membership Statistical Report, as of June 12, 2018

Description	Rate	2010	2011	2012	2013	2014	2015	2016	2017	2018
-------------	------	------	------	------	------	------	------	------	------	------

Affiliated Member Worldwide Online Only	1YR						1	1	3	
Associate Member Worldwide	1YR	22	53	26	17	18	17	36	40	18
Complimentary Member Worldwide Print&Online	1YR									1
Complimentary Member Worldwide Online Only	1YR					1	1		1	1
Discounted Membership Online Only	1YR				1	1	2	5	5	3
Emeritus Member Worldwide Print&Online	1YR	50	48	48						
Emeritus Member Worldwide No Journal	1YR	115	115	115	123	128	123	164	178	177
Emeritus Member Worldwide Online Only	1YR	1	4	2	51	34	41	16	9	12
Additional Family Member (each)	1YR				2	2	6	3	8	6
Additional Family Member (each) Old Rate	1YR	3	3	3						
Honorary Member Worldwide Print&Online	LIFETIME	25	22	22	26	4	5	4	4	1
Honorary Member Worldwide No Journal	LIFETIME	1							1	1
Honorary Member Worldwide Online Only	1YR				4	26	27	27	28	27
Lifetime Member Worldwide Print&Online	1YR	1	2					1		
Lifetime Member Worldwide Print&Online	LIFETIME	72	74	76	70	6	4	5	8	8
Life Member Worldwide Online Only	1YR				3	5		2	2	
Life Member Worldwide Online Only	LIFETIME				1	63	70	67	69	71
Post-Doctoral Member Worldwide Online Only	1YR				16	54	50	49	49	36
Regular Member Worldwide Print&Online	1YR	576	544	538	1					
Regular Member Worldwide Online Only	1YR	70	80	101	594	546	529	521	469	430
Student Member Worldwide Print&Online	1YR	135	130	166	1					
Student Member Worldwide Online Only	1YR	24	26	46	180	187	164	235	186	152
Sustaining Member Worldwide Print&Online	1YR	10	9	8						

Sustaining Member Worldwide Online Only	1YR				8	4	4	1	1	2
	Sum:	1105	1110	1151	1098	1079	1044	1137	1061	946

During the 2018 MSA membership renewal cycle, there were five member renewal campaigns delivered to MSA members. They are summarized below:

- #1 email (1,117) on October 23rd and mail (47) around November 1st
- #2 email (932) on December 5th and mail (49) around December 14th
- #3 email (749) on January 23rd and mail (33) around February 1st
- #4 email (778) on March 6th and mail (33) around March 15th
- #5 email (600) on April 17th and mail (17) around April 25th

The membership of the Mycological Society of America spans the globe. There are 50 countries represented in the 946 members of the MSA.

Country	Number of Members	% of MSA Membership
United States	638 members	67%
Canada	58 members	6%
Japan	35 members	4%
Germany	23 members	2%
United Kingdom	19 members	2%
Australia	11 members	1%
Mexico	11 members	1%
South Africa	10 members	1%
42 other countries	141 members	15%

MSA members from the United States comprise 67% of the MSA membership. When you look at where the MSA members from the US reside, there are a sizable number along the west coast of the United States. California has the largest MSA member delegation, and Oregon and Washington rank in the top 11. There are 45 states, along with Guam and Puerto Rico, with at least one member in the MSA.

State	Number of Members	% of MSA members in US
California	62 members	9.7%
Wisconsin	34 members	5.3%
New York	33 members	5.2%
Florida	32 members	5.0%
Oregon	31 members	5.0%
Illinois	27 members	4.2%
North Carolina	27 members	4.2%
Michigan	26 members	4.0%
Minnesota	24 members	3.8%
Georgia	23 members	3.6%
Washington	21 members	3.3%

- MSA Member Communications

Keeping members engaged and involved in their society is a critically important member benefit. MSA keeps its members informed through electronic messages, where the MSA leadership develops the message, which is then formatted and sent through an attractive mass email process. MSA not only decides the message, but can also determine the recipient roster. Typically, blast emails are sent to the entire membership, but sometimes the recipient list is enlarged to include past members or past conference attendees.

Since July, 2017, there have been 22 email “blasts” sent to the membership of the MSA. Along with the professional look of this membership communication service, there is also valuable recipient response information available for each email, including how many email recipients viewed the message and how many “clicked” on links contained in the electronic message. Below is a sample of an MSA email mass message.

Mycological Society of America



Call for Award Nominations

Dear Mycological Colleagues,
 For over 20 years, the Mycological Society of America has been celebrating excellence in research, teaching, and service among its membership by

recognizing outstanding students, distinguished teachers, and accomplished researchers. This is a call for nominations and applications for MSA Research, Student Awards, Fellowships and Distinctions for 2018. All awards are available with the exception of the Mentor and the International Travel Awards.

Be part of our celebration of mycology and mycologists! Apply or nominate a researcher or a teacher by **FEBRUARY 15th, 2018**.

To find detailed updated information on the awards offered by the Society, eligibility requirements, application procedures and administering committees, please visit [MSA Awards](#).

Best Regards,
Andrea Porras-Alfaro
MSA Award Coordinator

Andrea Porras-Alfaro, Ph.D.
Associate Professor
Department of Biological Sciences
Western Illinois University
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Mycological Society of America
810 East 10th Street Lawrence, Kansas, 66044 USA
Phone: (785) 865-9402 **Fax:** (785) 843-6153 **Email:** msa@allenpress.com
MSA Website: www.msafungi.org

Along with mass email communications, Allen Press also administers membership involvement in elections and surveys. Using Survey Monkey, there were three efforts over the past year to receive membership input on important MSA activities. The three efforts were the MSA Diversity Survey in September, 2017, the MSA Call for Nominations in January and the MSA Spring Election in March.

- MSA Website Management

As its electronic “front door” to allow anyone with internet access information on the Mycological Society of America, the MSA website remains available and updated. When requested by MSA, Allen Press takes information provided by MSA and incorporated it

into the MSA website. Conference information, job postings, and society administrative information are some of the most often updated areas on the MSA website.

Analytic data reveals there were 32,688 visits to the MSA website from January 23 to June 12 of this year. Of those, more than 23,000 were unique individuals visiting the MSA webpage, meaning there are 166 visitors to the website each day, on average. Of course, the homepage is the most popular page on the website. Other pages receiving a high volume of visits are the publications page featuring Mycologia, the jobs page and the awards page.

In addition to providing information on mycology and the Mycological Society, the MSA website serves as the society's storefront, where electronic commerce can be conducted. From August 1, 2017 to June 1, 2018 around 850 credit card transactions were conducted on the MSA website, generating nearly \$60,000 in revenue for the society.

In January, Allen Press noticed a person using phony log-in information was using the MSA donations window on the website repeatedly. It was our belief they were using the site to explore the validity of credit cards numbers for fraudulent purposes. Security procedures were put in place to keep this activity from occurring. The steps taken were explained during a conference call with a group of MSA leaders. Several aggressive security measures we put in place in January, such as banning online transactions originating from Brazil (the country where the fraudulent efforts were originating) have been reversed and are not now being used. However, effective basic security efforts (such as restricting access when there are multiple rejected credit cards entered) remain in effect, and there have been no suspicious activity on the MSA website since it was first noticed in January.

- MSA Accounting and Financial Services

Each month, Allen Press prepares and provides the MSA Treasurer a roster of financial reports that provide a comprehensive look at the MSA financial condition. The monthly financial statements include a Statement of Financial Position, a Statement of Activities and a Statement of Cash Flows. In addition, there is also prepared a general ledger report, a bank account reconciliation statement and an account deposit verification report. Finally, accountant notes are provided each month providing insight into key elements of the society's income and expenses. The financial reports reflect a solid process is in place for each dollar that flows into the MSA each day to be processed and accounted for.

In 2017, procedural and personnel changes to the Allen Press accounting operation caused monthly accounting to be several months behind schedule. A process was implemented to catch up on all financial reports, which was accomplished in February,

2018. Since then, Allen Press has been current in delivering completed monthly financial reports within 20 business days after the close of a month.

- MSA Meeting Management Services

Allen Press was pleased to have an involved and supportive role in the successful MSA Annual Conference in July, 2017 in Athens, Georgia. Allen Press provided website services to make available information about the meeting, comprehensive conference registration services, coordination of the abstract submission and organization process, and the design and printing of the program book. We appreciate you considering using Allen Press meeting management services again when the MSA Annual Conference returns to the United States and Minneapolis in 2019.

MSA Electronic Communication & Web Page Management Committee Annual Report

3 July, 2018

The MSA Electronic Communication & Web Page Management Committee currently manages three modes of communication with MSA members and the public at large: the MSA website (<https://msafungi.org>) and the MSA social media feeds on Facebook (<https://www.facebook.com/msafungi/>) and Twitter (<https://twitter.com/MSAFungi>; account @MSAFungi). The website serves the following functions:

- A repository for information including the officer and committee rosters, the MSA Constitution & Bylaws, MSA Manual of Operations, award application procedures and list of past awardees, and meeting minutes and reports;
- Current and archived issues of *Inoculum*;
- Links to the *Mycologia*, MSA Student Section, and current and recent MSA and IMC conference websites;
- Membership services including joining/renewal and the MSA member directory;
- MSA news and career (studentships and professional job postings) pages

The MSA Facebook page and Twitter feed are used predominantly for transmitting news and mycological job postings. The Facebook page currently has four administrators (Jason Stajich, Antonio Izzo, Tom Volk, and Todd Osmundson). A total of 53 Facebook posts and 52 tweets were published between July 1, 2017 and June 30, 2018, on subject matter including announcements of job openings, reminders about travel award and conference registration deadlines, calls for membership renewal, and an announcement of the Meredith Blackwell festschrift edition of

Mycologia; job postings made up the majority of this activity. Our social media activity reaches well beyond the membership of the society. MSA tweets reached the screens of a median of 2049 users (“impressions”; see terms/concepts glossary at the end of this document), with a range of 950 to 8257, and were associated with a median of 40 engagements (user interactions involving clicking anywhere on the tweet, including retweets, replies, follows, likes, links, etc.), with a range of 4 to 193. During the period July 2017 through June 2018, the MSA Facebook page reached a median number of 2246 unique users per 28-day period (range: 98 to 22,409), with MSA content crossing user screens a median of 4129 times per 28-day period (range: 3 to 89,409) (**Figure 1**).

My current efforts on our social media presence involve coordinating with IMC11 organizers to develop and/or publicize a social media policy for conference attendees (for example, publicizing use of the “Do not tweet” symbol in posters and talks that has been used at recent MSA meetings) and to promote use of the hashtag #IMC11 for Twitter users posting from or about the conference.

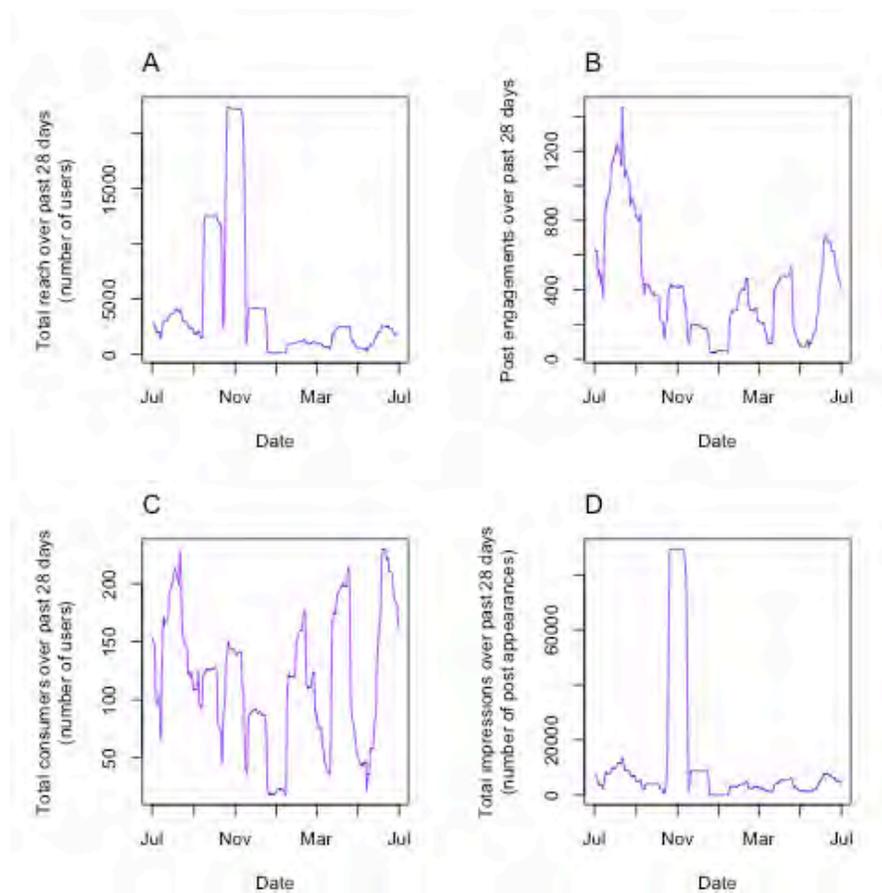


Figure 1. MSA Facebook page metrics shown as last-28-day totals for the period from July 1, 2017 to June 30, 2018. (A) Total reach (B) Post engagements (C) Total consumers (D) Total impressions. See the terms/concepts glossary at the end of this document for definitions of these metrics.

MSA website activity over the past year has consisted of minor content additions, including additions to the MSA jobs page, news page, and the addition of the March 2018 *Inoculum*. After receiving a request to post a job opening from a small company with which I wasn't familiar (further research led me to conclude that the job was legitimate), I added the following disclaimer to the website News page and Jobs page:

MSA provides job postings as a courtesy to our members that are seeking employment and to employers that may be interested in hiring MSA members. Although we take basic precautions in an attempt to ensure that all postings are submitted by legitimate agents of legitimate companies and institutions, placement on this website does not guarantee the veracity of a particular post. We encourage job-seekers to exercise appropriate caution when considering whether to provide personal information to any party, and to inform the MSA webmaster of any potentially fraudulent job offers that appear on this page.

I am planning several more additions to the website in the near future, including a list of past Karling lecturers, links to information about the mentors for whom the mentor travel funds are named, and posting a pdf copy of Donald P. Rogers' *A Brief History of Mycology in North America*.

Following are what I see as the most important future needs regarding our electronic communications:

1. MSA website

The transition of website management to Allen Press in 2016 has adequately addressed the security and stability issues that plagued the website in the year prior to the transition. Although the transition means that the MSA webmaster no longer has direct access to the web server to make content modifications, Allen Press staff, led in this effort by Terry Leatherman, have promptly responded to all of my requests to modify the site. Nonetheless, several improvements can be made to the site. The most obvious is that the site design is outdated. A priority for the webmaster and EC&WPM Committee should be conducting a major design overhaul of the website. Content additions would also improve the site. One improvement that was suggested by MSA President Tom Volk and discussed at last year's MSA Council annual meeting is the inclusion of more educational material, including a feature profiling current research and interpreting it for the public, and a "fungus of the month" (or other time frame, depending on how many people are able to contribute) feature. If the Education Committee or other individuals wish to develop such content, I would be happy to make a place for it on the website.

Another issue to consider is whether to discontinue the MSA News and MSA Jobs pages on the website. Given the ephemeral nature of these items (the news and jobs pages quickly fill with obsolete information), the availability of social media platforms better-suited for disseminating information widely and quickly, and the fact that our Facebook posts and tweets are visible through widgets on the MSA website, posting news and job announcements on the website is probably unnecessary. I welcome MSA Council input on this question. In addition, if there are items (e.g., longer-term news items) that are better suited for the website, I invite members to bring these to my attention and I will post them on the Homepage or maintain the News page for this purpose.

Several website issues regarding membership could be improved. As chair of the Membership Committee, I recently received several emails from members that were unable to renew their membership online. I will communicate these to Allen Press. Another issue is that members have reported difficulty finding their member number. I will work with Allen Press to see that this information is easier to obtain. An additional feature that would benefit the society would be the option to renew memberships for multiple years and/or to set up auto-renewals; this addition would make renewal easier for members, reduce the large fluctuations in member numbers that currently happen at the beginning of each year, and reduce the burden faced by the Membership committee in contacting lapsed members.

2. Social media

Some MSA members have suggested that we revisit our current practices on social media posting. Currently, we have a fairly conservative posting policy, and post only society-wide announcements and job announcements. We tend to avoid promoting academic work (e.g., new papers, news items, etc.) as well as commercial ventures; however, it has been suggested that this policy inhibits our ability to promote the importance of mycology to the general public. There are several issues to consider here. One is the issue of neutrality; how do we decide which items to promote? How do we share information without suggesting endorsement? How do we decide which items are worthy of posting, or do we offer "equal time" to all requests? Another issue is logistics; maintaining a more active social media presence requires more time on the part of the page administrators. Additionally, there is no lack of other Facebook and Twitter users that post mycological content, so it can be argued that MSA doesn't need to engage in posting content that doesn't pertain directly to society activities.

3. General

In general, the committee should continue to explore ways in which our web and social media presence can best promote the MSA, including coordinating efforts with the Membership committee to more effectively encourage membership in the society.

I wish to thank Antonio Izzo and Sarah Bergemann for their assistance in transitioning to the role of webmaster, and Terry Leatherman (Allen Press) for his always prompt responses to my requests for information and adding content to the website.

I welcome suggestions from the MSA Council and MSA members about additional ways that we can improve our online presence and outreach in order to promote MSA and mycology. I am happy to work with MSA committees and members that wish to create new content for the website (however, my role will be restricted to posting, not generating, this content). Please feel free to contact me with any comments or suggestions.

Todd Osmundson, Electronic Communication & Web Page Management Committee
Chair and MSA webmaster
tosmundson@uwlax.edu

[See following page for a glossary of terms/concepts]

Terms / concepts glossary (thanks to Antonio Izzo for portions of this content)

Twitter

- **Tweet:** a post that we initiate with our own wording.
- **Retweet:** a user shares our post with (i.e., forwards it to) their followers, or we share another user's post with our followers
- **Impressions:** a measure of potential reach based on how many people's Twitter feeds are receiving our tweets. For example, if we have 100 followers, each tweet we put out has a base reach of 100 people. If 10 of those people retweet our tweet to their followers, our tweet now has reached them too, thereby increasing our impressions.
- **Mentions:** when people want us to see a post of theirs they include our Twitter ID "@msafungi" in their post
- **Hashtag:** essentially a keyword that people add to a post of a particular topic. We decided on and advertised the hashtag #myco16 for the 2016 MSA annual meeting, although #myco2016 also worked itself in there due to being on the official program. By searching for this hashtag, someone could read through all the correspondence that occurred, thereby getting a feel for the conference.
- **Engagements:** user interactions that involve clicking anywhere on the tweet, including retweets, replies, follows, likes, links, etc. An engagement is more direct/active than an impression, as an impression simply involves the appearance of our tweet on the user's screen, where

engagement involves the user clicking on the tweet. Twitter produces a metric known as the “engagement rate”, calculated as the proportion of involvements that result in engagements (number of engagements / number of involvements).

Facebook

- **Post:** content that we add to the site at a single time. Content can include words, pictures, videos, links, etc. For example, a job announcement that includes a description, link to the application/institutional website, and a photo of the position announcement would together be considered a single post.
- **Like:** A feature that allows another user to show support or a reaction to a post using a symbol rather than a written comment.
- **Comment:** A written response to the post.
- **Share:** A feature that allows users to make other users aware of the post by posting it on their own timeline, posting it on a Facebook page that they manage, posting it on the timeline of friends, or sending to other users via Facebook message.
- **28 Days Total Reach:** The number of people who had any content from the MSA page, or about the page, enter their screen during the past 28 days. This includes posts, check-ins, ads, social information, etc. from people that interact with the page (number denotes unique users; i.e., if a user sees MSA content on their page more than once during the 28-day period, that user still counts only once for this metric).
- **28 Days Post Engagements:** The number of times people directly engaged with MSA posts during the past 28 days via likes, comments, shares, etc.
- **28 Days Total Consumers:** The number of unique users who clicked on any of the page content during the past 28 days.
- **28 Days Total Impressions:** The number of times that the page's posts entered a user's screen during the past 28 days. Posts include statuses, photos, links, videos, etc. This metric counts the number of posts, not unique users.

Finance Committee Report June 2018

D. Jean Lodge, Chair, Chris Schardl, ex officio, Treasurer, Thomas Volk, ex officio, President, members Fred Spiegel, Brian Shaw (Donald Pfister has stepped down)

The investments in the combined MSA endowment accounts that are managed by our Chief Investment Officer (CIO), David Middleton at Middleton Advisory have lost 1.1% in value from 1 January to 30 June 2018. Our investment account had a value ca. \$1.5 million on 30 June 2018 (see table 1). The 1.1% decrease in value over the first 181 days of 2018 represents \$17,884.45 (see table 1). Because the market was more favorable during the last half of 2017, our endowments have increased in overall value by \$146,289.20 over the past 12 months (Table 1).

This year, the members of the MSA Finance Committee voted to modify the Investment Policy Statement to increase the proportion of our investments that are

in socially and environmentally conscious funds from 40% to 45%. This should not affect the performance of our investments.

The term for the chair of the finance committee (Lodge) and members Brian Shaw and Fred Spiegel all end in summer of 2019, and since Donald Pfister stepped down from the committee to bring it down to the number specified in the MOP, there will be a complete turnover in the committee composition in 2019. None of the current Finance Committee members wished to be appointed chair. In order to have continuity, we have asked President Elect Anne Pringle to appoint an observer beginning in January who will then go on to become the new chair in summer 2019.

Table 1. Combined MSA Investment Accounts managed by David Middleton Advisory, covering the 160-day period from 1 January to 30 June 2018.

Beginning Value	Date	Net Deposits Withdrawals	Closing Value	Date	6-mo Loss	% Loss		
\$1,565,151.47	1 Jan 2018	\$0	\$1,547,267.01	30 June 2018	\$17,884.45	1.1%		
							1-yr Gain	% Gain
\$1,400,977.80	1 Jul 2017	-	\$1,547,267.01	30 June 2018	\$146,289.20	10.4%		

Annual Report of the International Committee

This report summarizes the endeavors of the MSA International Committee since the last annual meeting in July in Athens, GA.

The MSA International Committee has reviewed applications for MSA and non-MSA members to support travel to the IMC 11 (July 16-21, 2018) in Puerto Rico.

The Executive Council held a discussion at the Council meeting in Athens, GA, (July 15, 2017) about the review and dissemination of travel awards for IMC 11. They agreed to give four travel awards to MSA post-docs and early career faculty (\$1500 each), and eight travel awards to post-docs and early career faculty that were non-MSA members (\$2,500 each). The International Committee reviewed and ranked all applicants. Andrea Porrás-Alfaro generated a call for the awards in consultation with the chair of the International Committee. The call was distributed by blast email to all members; as well as, it was advertise in <http://msafungi.org/AWARDS/InternationalTravelAwards.aspx>

The committee conducted business via email to reviewed and ranked the applicants for to be awarded to MSA early career professionals or post-doctoral fellows to

attend the ICM11 in Puerto Rico from July 16-21st. A total of 78 applications were received (32 applicants were MSA members and 46 applications from non-MSA members). The Committee's final selection of awardees for IMC 11 was forwarded to Sarah Bergemann on December 19th. Based on the review of applicants, four MSA members and eight non-MSA members selected were:

- **MSA members:** Teresa Iturriaga, Camille Truong, Rodolfo Salas Lizana, and Don Walker
- **non-MSA members:** Fausto Almeida, Frank Bungartz, John Darcy, Alessandro Desiro, Isaac Garrido-Benaven, Nan Lan, Maria Martha Martorell, and Tan Yong Hui.

An e-mail notifying each applicant of the award or non-award was sent to each applicant. This information was also sent to the Treasurer, Chris Schardl, and the Awards Coordinator, Andrea Porras-Alfaro.

Respectfully submitted,
María P. Martín, Chair International Committee

International Committee: Marc Stadler, Else Vellinga, Maria Alice Neves, and Terry Torres (Student Rep)

MSA Membership Committee Annual Report 30 June 2018

As of 1 June 2018, the total number of MSA members is 945, including 430 regular, 152 student, and 36 postdoctoral memberships (data obtained from the MSA Member Statistics Report, provided by Allen Press; Table 1). In comparison, the membership count for June 30 of 2017 was 1,044 members, revealing a 9.5% drop over the past 11 months.

The 2017 year-end member total showed a decrease of 76 members (6.7%) compared to the 2016 total, and was the lowest number of members in the past 8 years with the exception of 2015, when there were 1,044 members (**Figure 1**). So far this year, regular, postdoctoral, and student memberships have all decreased (**Figure 2**), with the decline in regular memberships appearing to be part of a longer-term trend. Even with the 3-10% membership increase that typically occurs between June and December (as per previous membership chair Andy Wilson), 2018 is on track to be the worst membership year in the nine years for which I have data. Despite this bad news, it is good to keep in mind that member numbers during the 8-year period 2010-2017 fluctuated within a range of 107 members, so it

is not unreasonable to think that membership can be boosted to levels comparable to those of recent peak years. A 2016 spike in membership (second only to 2012 over the 8-year period) indicates that a consistent decline in membership is not a foregone conclusion.

Table 1. MSA membership by category, 2010-2018.

Membership_Category	Year								
	2010	2011	2012	2013	2014	2015	2016	2017	2018
Affiliated Members	0	0	0	0	0	1	1	3	0
Associate Members	22	53	26	17	18	17	36	40	17
Complimentary Members	0	0	0	0	1	1	0	1	2
Discounted Membership	0	0	0	1	1	2	5	5	3
Emeritus Members	166	167	165	174	162	164	180	187	189
Additional Family Members	3	3	3	2	2	6	3	8	6
Honorary Members	26	22	22	30	30	32	31	33	29
Lifetime Members	73	76	76	74	74	74	75	79	79
Post-Doctoral Members	0	0	0	16	54	50	49	49	36
Regular Members	646	624	639	595	546	529	521	469	430
Student Members	159	156	212	181	187	164	235	186	152
Sustaining Members	10	9	8	8	4	4	1	1	2
TOTAL	1105	1110	1151	1098	1079	1044	1137	1061	945

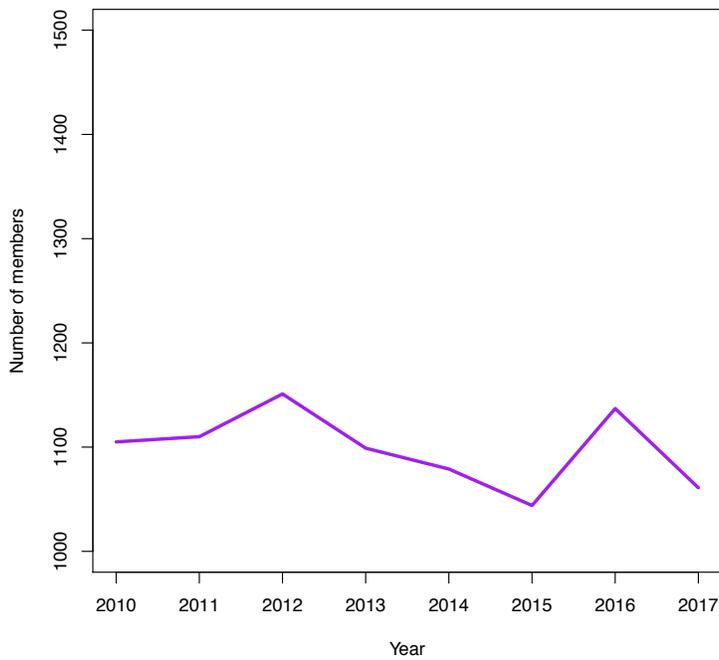


Figure 1. MSA member totals, 2010-2017.

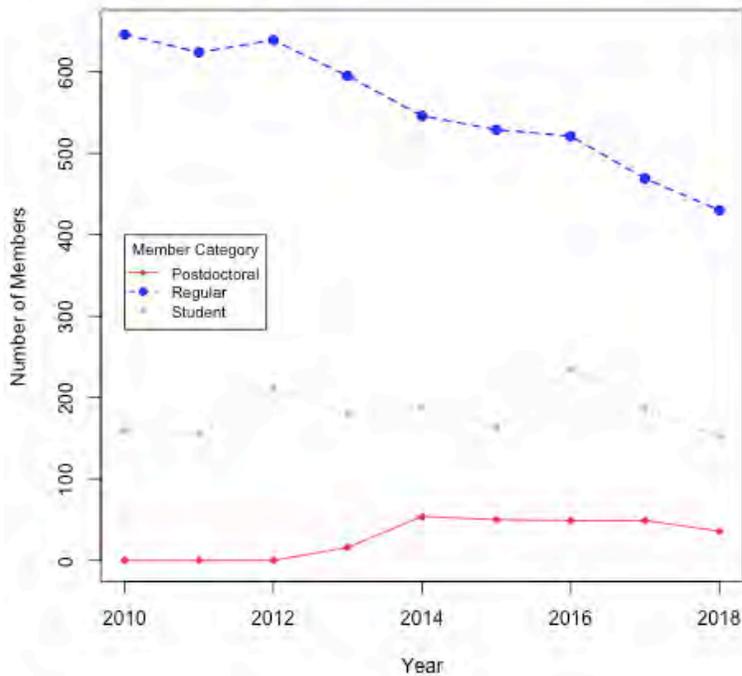


Figure 2. MSA member totals in regular, postdoctoral, and student categories, 2010-2017.

As no chair was appointed to the committee this year, I stepped in as chair to assist with the 2018 renewal efforts. As of 20 January 2018, the total number of MSA members was 687, which is comparable to the mid-January counts in 2015 (672 members) and 2016 (685 members). Executive Vice President Sarah Bergemann and I individually emailed 429 lapsed regular members. Student Section board member Andi Bruce drafted a renewal email for students and individually emailed approximately 250 lapsed student members. An additional 258 members have joined or renewed since January.

Although it is difficult to pinpoint the cause of this year’s decline in membership, it is quite possible that the lack of discounted registration for IMC11 for MSA members plays an important role. I have also received several emails from members reporting problems renewing their memberships online.

This year’s membership drop stands in contrast to the membership spike in 2016 – concurrent with that year’s well-attended annual meeting in Berkeley, CA – and highlights the likely role that the annual meeting plays in driving the decision to purchase new or renewal memberships. Efforts to secure discounted registration to jointly-sponsored conferences for MSA members and efforts to publicize the other

benefits of membership (and perhaps develop new ones) could help to prevent declining membership.

Another possible remedy – one that has been advocated by previous chair Andy Wilson and by several members of the MSA Council – is to make renewal easier through multi-year or auto-renewing online memberships. A number of members simply forget to renew at the beginning of the year, so these options would provide a convenience to members while adding stability to the yearly membership totals and reduce the effort required to contact lapsed members.

A priority for the Membership committee should be to consider, and hopefully implement, ways to attract new members. Some ideas for consideration include:

- Expand outreach. The activity of the MSA student section and the enhanced level of cooperation between MSA members and members of mycology clubs through the North American Mycoflora Project present two opportunities for outreach. As mentioned by previous committee chair Andy Wilson, allied professional societies such as the American Phytopathological Society are another source of potential members;
- Better articulate the benefits of membership and/or develop additional, new benefits; this could include a cooperative effort with the MSA Council to develop and publicize a list of member benefits.
- Conduct geographically focused outreach related to the year's annual meeting location. Having attended society meetings hosted nearby that I would not have attended if airfare were required, it is my experience that geographical proximity to a meeting is a powerful attractant. I therefore think it would be worthwhile to make an effort to contact non-MSA members that are researchers in allied fields or members of mycology clubs within a certain radius of each year's annual meeting. Such efforts could be beneficial not only from a membership perspective but, even more importantly, would contribute to the breadth and vibrancy of our society.

The committee could also work more closely with Allen Press in membership efforts. For example, Allen Press offers a direct marketing package that may be worthy of consideration on at least a trial basis and could supplement the committee's efforts. The committee could also lead efforts with Allen Press and the MSA Council to rectify any current problems with online renewal and explore the option of multi-year and/or auto-renewal.

I would like to encourage all MSA members to take an active role in keeping membership numbers stable by remembering to renew their memberships, doing so regardless of plans to attend the annual meeting, and recruiting new members among their colleagues.

I wish to thank Sarah Bergemann and Andi Bruce for their labors in the renewal effort, and Terry Leatherman (Allen Press) for his always prompt and thorough responses to my requests for membership data.

I would be pleased to discuss the issues and ideas presented above, or other ideas that you may have for maintaining current members and engaging in outreach to potential new members. Please feel free to contact me with any comments or suggestions.

Todd Osmundson, MSA Membership Chair
tosmundson@uwlax.edu

2018 Annual Report of the MSA Distinctions Committee

The 2018 Distinction Committee consisted of Charles Bacon, Dennis Desjardin, Betsy Arnold, Anne Pringle, and Matthew Smith. Applications were received or updated for each of the following award categories: the Alexopoulos Prize, the Gordon and Tina Wasson Award, William H. Weston Teaching Award, and the Distinguished Mycologist Award.

Applications were finally made available for consideration by the entire Committee on March 3, 2017. The Committee met by telephone conference on March 31, 2018 at 11:00 am eastern to decide on awardees for each category.

One award was granted for each of the four award categories. All nominators were informed by the Committee Chair of decisions to grant or not to grant awards. In the cases of unsuccessful nominations, nominators were reminded that their nominations would carry over to a subsequent year or subsequent years where applicable, and that the nomination package can be updated. An email was sent out at the conclusion of the meeting to both Sarah Bergmann and the President Tom Volk announcing the awardees for his congratulations to the winners.

The 2017 Distinction Awards were granted to the following individuals:

- Distinguished Mycologist Award: Thomas Bruns
- Alexopoulos Prize: Andrea Porras-Alfaro
- William H. Weston Award for Teaching Excellence in Mycology: Brian D. Shaw
- Gordon and Tina Wasson Award: Andre de Meijer

Biographies and photographs will be assembled by the Committee and submitted for publication in *Inoculum* following the annual meeting.

Respectfully submitted by the 2018 MSA Distinctions Committee: Dr. A. Elizabeth Arnold, Dr. Dennis E. Desjardin, Dr. Anne Pringle, and Dr. Charles W. Bacon, Chair.

2018 Annual Report from the Honorary Awards Committee

The Honorary Awards Committee consists of D. Jean Lodge, *Chair* (2015-2018), Carol Shearer (2017-2020), Kerry O'Donnell (2016-2019), and David Hibbett, *ex officio, Past Chair*. The Committee is responsible for nominating Honorary Members and MSA Fellows.

The Committee did not nominate a candidate for Honorary Member this year. The Committee reviewed multiple outstanding candidates for MSA Fellows awards, and nominated Drs. Lori Carris, Georgiana May and Anne Pringle as MSA Fellows. All three Fellows nominations were approved by the MSA Council. Descriptions of each awardee's qualifications were prepared for publication in *Inoculum*.

Respectfully submitted,
D. Jean Lodge, Kerry O'Donnell, Carol Shearer (David Hibbett, *ex officio* Former
Chair)

MSA Research Awards Committee Annual Report – 2018

MOP:

No edits were made to the MOP this year.

2017 Research Award Applications:

Number of Applications: The committee received 29 applications for 9 of the 11 award categories (considering the student and postdoc versions of the Forest Ecology and Translational Mycology awards as separate). This is slightly down from last year's 34 applications, but still high compared to the number we have seen in the last five years. The applications were received and initially organized with help from Allen Press. The applications represented an excitingly diverse range of study systems and research questions. The committee was also excited to see a range of applicants from different career stages as well as some international applications (from Sri Lanka, India and Romania).

Due to the very kind generosity of anonymous donors, the committee was able to give a similar number of awards (and for a similar total amount of money) as last year. Out of a total of 16 awards, 5 went to female researchers (students and postdocs). Overall the

committee was very inclusive with regards to the distribution of the awards among the applicants within each category; however, applicants who applied to multiple awards were awarded only in one award category. The highest number of awards (12) were given to applicants in the Forest Fungal Ecology and Translational Mycology categories. The committee decided to give the highest awards to the top applicants in each of the four award categories; the remaining funds were distributed among the other top-scoring applicants. After careful consideration and consultation between the Student Awards and Research Awards committees, Jacob Golan, who applied for multiple awards, received the NAMA Memorial Fellowship.

Procedural notes: The award applications were received and initially sorted by Terry Leatherman, the Association Manager at Allen Press and later on shared with the committee via DropBox. An Excel spreadsheet was prepared in which each committee member listed their application rankings and comments. The spreadsheet was then sent to the Chair (and deposited in Dropbox) who compiled all scores and prepared a preliminary list of awardees and the awarded amount. The committee submitted their individual recommendations by March 31. After approval by each member of the committee, the final list of the awardees and the amount of each award was entered in the AwardDatabase in Google drive in order to coordinate with other committees. Following collation by the committee chair and discussion to agree on the final awards, all of the applicants were notified of their status on April 11th. Successful applicants were encouraged to attend MSA to receive their award in person, while unsuccessful applicants were encouraged to apply in future years. Copies of the letters informing all winners were deposited in Google drive.

2017 MSA Research Award Winners:

Lichtwardt: Jonas Frankel-Bricker (\$1000)

Forest Ecology/students: Gabriel Smith (\$2500), Lynnaun Johnson (\$2500), Elizabeth Bowman (\$1250), Marcos Caiafa (\$1250), Nora Duncritts (\$1250);

postdocs: Rachel Koch (\$5000), Danny Haelewaters (\$1250), Jana Voriskova (\$1250)

Bartnicki-Garcia: Blake Commer (\$500)

Martin-Baker: Dhanushka Udayanga (\$2500)

Simmons: Dimuthu Manamgoda (\$10000)

Translational Mycology/students: Blake Oakley (\$5000), Nuttapon Pombubpa (\$1250), Jackie Shay (\$1250); **postdocs:** Yan Wang (\$2500)

CT Rogerson: Brian Clauss (\$1000)

A&H Smith: no applicants

Rippon: no applicants

Recommended Changes:

No changes were recommended by the committee regarding the award process itself. A Special Topic Research Award description and guidelines are in preparation and will be announced soon.

Respectfully Submitted,

2018 Annual Report of the Mentor Student Travel Award Committee

The Mentor Student Travel Awards Committee received a total of 85 award applications for the 2018 IMC meeting. Due to the large number of applicants, an ad-hoc judge (Vinson Doyle) was appointed so that the applicants could be ranked by a minimum of two reviewers. Additionally, the chair of this committee also ranked applicants to reduce the burden on the reviewers. It was a very competitive group of applicants, which made it difficult for the committee to select the 24 recipients of the awards that the Society had funds for this year. The 2018 MSA Mentor Student Travel Award recipients are listed below.

Name	Institution	Advisor	Recommended Award	Paper/Poster Title
Anat Belason	Univ. of Michigan	Tim James	Constantine J. Alexopoulos	Host genetics and ecological interactions structure amphibian skin microbiome diversity.
Angie Macias	West Virginia University	Matthew T. Kasson	D. Rabern Simmons	The diversity and function of fungi associated with the fungivorous millipede, <i>Brachycybe lecontii</i> .
Blake Commer	Texas A&M University	Brian D. Shaw	Edward E. Butler	Trafficking of Membrane and Endocytic Cargo Proteins in <i>A. nidulans</i> .
Carolyn Delevich*	Humboldt State University	Terry W. Henkel	James M. Trappe	Dominance and diversity of ectomycorrhizal fungi on seedlings of a Neotropical monodominant tree.
Catharine Adams	UC Berkeley	Tom Bruns	Margret Barr Bigelow	Invasion ecology of the death cap mushroom, <i>Amanita phalloides</i> .
Danny Haelewaters	Harvard University	Donald H. Pfister	Harry Morton Fitzpatrick	A new order of Laboulbeniomyces. Exploring the diversity of secondary metabolite clusters in Dothideomycete fungi.
Emile Gluck-Thaler	Ohio State University	Jason C. Slot	Everett S. Luttrell	Demystifying Fusarium Diseases of Tomato.
Hung Doan	UC Davis	R. Michael Davis	Kenneth Wells	

Ian Medeiros	Duke University	François Lutzoni	William C. Denison	<p>Factors shaping the distribution and diversity of <i>Peltigera</i> spp. (Ascomycota: Lecanoromycetes) and their <i>Nostoc</i> symbionts at an inter-biome scale in Alberta, Canada. The diversity of trunk disease pathogens within the Botryosphaeriaceae from the winelands of South Africa with new additions. The luckiest spore: short distance vs. long distance dispersal as tested within a biophysical and physiological framework using two <i>Alternaria</i> species. How common is mycovirus host-switching in nature? Origins of endemism in islands: the case of the lichen genus <i>Sticta</i> in Puerto Rico. Genomic comparisons of biocontrol <i>Aspergillus flavus</i> strains revealed rearrangements that disrupt secondary metabolite gene clusters. Life after death: Dynamics of beech wood-associated communities over a gradient of life and decay stages. Estimating fungal barcode variation using an <i>in silico</i> genomics approach.</p> <p>Localization and dynamics of the adaptor protein AP180 in <i>Neurospora crassa</i>.</p>
Ihan du Plessis	Stellenbosch University	Francois Halleen	Richard P. Korf	
Jacob Golan	Univ. of Wisconsin Madison	Anne Pringle	D. Rabern Simmons Alma Joslyn	
Jillian Myers	Univ. of Michigan	Tim James	Whiffe-Barksdale	
Joel Mercado	University of Chicago	Thorsten Lumbsch	William C. Denison	
Kayla Pennerman	Rutgers Univ	Joan Bennett	Orson K. Miller	
Lauren Jackson	University of Minnesota	Robert A. Blanchette	Robert L. Gilbertson	
Lotus Lofgren	University of Minnesota Centro de Investigación Científica y de	Peter Kennedy	Orson K. Miller	
Marisela Garduno-Rosales	Educación Superior de Ensenada	Rosa R. Mourriño-Pérez	Francis A. Uecker	

Melissa Mardones	Goethe University	Meike Piepenbring	Everett S. Luttrell	<p>Advances in systematic, taxonomy and host-relationships of neotropical Phyllachorales (Sordariomycetes, Ascomycota). During Low Water Availability, Field Inoculation with Isolates of Testing an operational approach to species delimitation in <i>Hydnum</i> (Cantharellales, Basidiomycota) Assessment of Dead Wood Fungi Biodiversity in Urban Parks and Natural Reserves Across New Jersey. Description of aquatic yeasts and their interactions with plants and <i>Aedes</i> mosquitoes. The discovery and characterization of Ustilaginomycetes yeasts reveals enzymatic activity, biofilm formation, resistance to antifungal drugs and species complexes. Genome sequencing reveals the root pathogens, previously known as <i>Thielaviopsis basicola</i>, to possess the genes required for heterothallic mating. Where do new genes come from? The origin of novelty niche transition in the genus <i>Amanita</i>.</p>
Rachel Swenie	University of Tennessee-Knoxville	P. Brandon Matheny	Margret Barr Bigelow	
Shazneka Blue*	Kean University	Maria Shumskaya	Ralph Emerson	
Terri Tobias	Western Illinois University	Andrea Porras-Alfaro	Harry D. Theirs	
Tomas Rush	Univ. of Wisconsin Madison	Anne Pringle	Howard E. Bigelow	
Wilma Nel*	University of Pretoria	Z.W. De Beer	Charles Kramer	
Yen-Wen Wang	Univ. of Wisconsin Madison	Anne Pringle	Harry D. Theirs	

Michelle Keller-Pearson ¹	University of Wisconsin-Madison	Erin Silva	N/A	During Low Water Availability, Field Inoculation with Isolates of Arbuscular Mycorrhizal Fungi
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- Mahajabeen Padamsee (Chair), Sara Branco, Stephen Mondo, Donald Walker, Vinson Doyle (ad-hoc member), Scott Bates (ex-officio, Past Chair)

* M.S. student; all others are Ph.D. students

¹ Initially awarded the Margaret Barr Bigelow award but declined award as was unable to travel to Puerto Rico. This was then awarded to Rachel Swenie by decision of the committee.

Annual Report of the Program Committee

The program for this year's MSA meeting in joined with programing for the International Mycological Congress in Puerto Rico. Chris Schardl and I have been co-chairing the program with Chris representing IMA. The local committee of Sharon Cantrell, Matias Cafaro and Jean Lodge have taken up a considerable part of the work. For MSA I have managed contacts and preliminary set-up for workshops, field trips, and Special Interest Groups. I have managed the poster and symposia abstracts via the website. This has involved nearly 1200 abstracts in the various categories of the congress from more than 60 countries. Regarding the distribution of presentations within the designated categories the breakdown is as follows: Applications--104, Cell Biology -- 25, Ecology -- 281, Education -- 12, Environment -- 195, Evolution --163, Genomics -- 104, Pathology -- 137 and 155 that were assigned to various categories by the committee.

I did not bring in the MSA program committee since we were functioning under the IMC program committee. I am indebted to Jean Lodge, who took-up much of the scheduling and logisitical work, Matias Cafaro, and Sharon Cantrell.

Annual Report of the Student Awards Committee

Perhaps due to the distance to and potential expense of this year's meeting, we received relatively few applications: six applications for MSA Graduate Fellowships (three of whom also applied for the Backus Award and the NAMA Memorial Fellowship, and two of whom also applied for the Translational Mycology Award, necessitating some communication between committees to ensure the same people did not receive double awards). We received four applications for the Undergraduate Research Award, two of which were highly competitive and difficult to choose amongst. We therefore requested and received permission to award two undergraduate awards this year. Awardees were informed on April 10 and are as follows:

MSA Graduate Fellowship	Peter Pellitier
	Alexandra (Sasha) Vivelo
NAMA Memorial Fellowship	Jacob Golan
Backus Award	Heather Slinn
Undergraduate Award	Gillian Bergmann
	Ruolin Miao

We are now heading into the Annual Meeting with 80 presentations to review (66 posters and 14 talks - this is after removing from consideration recipients of Research Awards and or NAMA Fellowship within the past two years). To help with the daunting task of selecting the best poster and oral presentations I put out a call for judging volunteers and the response was impressive (thank you!). We will be coordinating with Elsevier and other Bestowers of Awards before the awards ceremony Saturday, July 21, to ensure that awards are spread around generously. We will celebrate the excellent work of these students in Puerto Rico.

-MSA Student Awards Committee

Heather Hallen-Adams (Chair), Allison Walker, Jason Slot, Mia Maltz

2018 Annual Report from the Karling Annual Lecture Committee

As the 2018 meeting of the Mycological Society of America will be held in conjunction with the 11th International Mycological Congress, the Karling Annual Lecture Committee was asked (1) to make an early recommendation with regard to nominees for the 2018 Karling Annual Lecture, and (2) to consider nominees only from the list of plenary or keynote speakers already selected for IMC11, in accordance with rules put forward by the International Mycological Association.

Accordingly, the Committee was formed early in 2017 and convened remotely in March/April 2017 to review eight candidates who had been chosen previously as plenary or keynote presenters at IMC11. At the request of MSA leadership, one candidate was removed from consideration because she was already to be sponsored by a mycological association as a named speaker.

The Committee proposed three candidates to the MSA Council. Dr. Matthew Fisher was approved and subsequently accepted the invitation to give the 2018 Karling Annual Lecture.

Dr. Fisher is a professor of Fungal Disease Epidemiology at Imperial College, London, and is recognized as a global leader in the study of emerging infectious diseases. His research program centers on understanding the biological and environmental factors that drive the emergence of fungal diseases in humans, wildlife, and plants. His quantitative and analytical approaches an interdisciplinary and cutting-edge portfolio of research that links genetics, genomics, ecology, and evolution through the lens of mycology to solve pressing problems in fungal biology, medicine, conservation, and human sustainability.

Dr. Fisher's website is: <https://www.imperial.ac.uk/people/matthew.fisher>

—MSA Karling Annual Lecture Committee
Betsy Arnold, Don Natvig, Jason Stajich, and Kristi Gdanetz MacCreedy

Liaison with Amateur Mycological Clubs and Societies Committee

Mid-Year Report

July 2, 2018

Alija Mujic is the standing committee chair of the Liaison with Amateur Mycological Clubs and Societies Committee (LAMCSC) and the other standing members of the committee are Nhu Nguyen, Christian Schwarz, Nathan Wilson, and Stephen Russell (Student Representative). An additional acting member, Bill Sheehan, has been added to the committee to help coordinate ongoing efforts of the committee in the North American Mycoflora Project (NAMP). The goal of the NAMP is to harness the regional expertise and collecting ability of citizen scientists and professional mycologists to create a comprehensive mycoflora for all macrofungi occurring in North America. Creation of the North American mycoflora will be supported by sequencing the ITS barcode region of vouchered fungal specimens collected by NAMP project participants.

The primary focus of the LAMCSC during the first half of 2018 has been to help coordinate the efforts of NAMP advancement and serve as liaison between the MSA and NAMP organizers. LAMCSC members Alija Mujic, Christian Schwarz, Stephen Russell, and Bill Sheehan attended the NAMP workshop at the 2017 MSA meeting at Athens, Georgia. This workshop was organized by Bill Sheehan (a citizen scientist based in Athens, GA) and it was through LAMCSC participation in the workshop that we met Bill and added him as an acting member of the committee. Since the NAMP workshop in July 2017 great strides have been made by the LAMCSC to assist in the realization of the NAMP. Firstly, the LAMCSC is helping to manage an MSA donation of \$20,000 toward citizen scientist NAMP sequencing projects. These funds will be offered as matching funds to funding raised by citizen scientists for NAMP sequencing projects. The North American Mycological Association (NAMA) has received a \$10,000 donation from Paul Stamets and Dusty Yao which it has allocated toward funding NAMA affiliated club projects working toward the goals of the NAMP. Additional funding to meet the remainder of the \$20,000 match offered by MSA is currently being negotiated by the NAMA board. The LAMCSC is now pursuing outreach to amateur mycological societies to encourage interest and fundraising efforts for the NAMP. The LAMCSC currently meets on a monthly basis with NAMP coordinators through telephone conferencing.

NAMP coordinator and LAMCSC member Stephen Russell has established a website for the NAMP with input from the other LAMCSC and NAMP coordinators. This website is available at <http://mycoflora.org/> and is the primary portal through which citizen scientists are learning about the NAMP and apply for NAMP sequencing project funding. The NAMP is now registered as a 501 (c)(3) non-profit organization and has established a bank account that serves as the primary conduit used to distribute NAMP project funds to sequencing service providers. Applications for NAMP sequencing projects were opened to citizen scientists in May of 2018 and proposals for funding were reviewed by NAMP organizers and NAMP 501 (c)(3) board members. The board member roster of the NAMP 501 (c)(3) is currently composed of LAMCSC members Alija Mujic, Stephen Russell, Bill Sheehan, and Christian Schwarz. We are in the process of expanding NAMP 501 (c)(3) board membership to include additional citizen scientists and professional

mycologists. Our next round of NAMP funding applications will be due on September 15, 2018.

The May round of applications saw the Mycoflora Citizen Science Committee make awards to 35 citizen science sequencing projects. These initial awards fund the sequencing of thirty fungal specimens for each project, with funds distributed directly to sequencing labs rather than to participants. The first funding round includes projects sponsored by NAMA affiliated mycological clubs, by private individuals, as well as by an undergraduate collegiate course. Most projects will focus upon a defined geographic area. Projects focusing on a state or province include New York, Quebec, Wisconsin, Pennsylvania, Tennessee, California, Washington, Oregon, Virginia, Kentucky, New Jersey, Indiana, Illinois, and Florida. Projects dealing with a particular taxonomic group will focus on *Amanita*, *Russula*, *Inocybe*, *Hygrophoraceae*, and *Boletaceae*. One project is even dedicated to sequencing macrofungi that are popularly used in the dying of fabric; specimen vouchers will include samples of the dye produced from that specimen.

In addition to projects sponsored through the Mycoflora Fund, NAMP also provides sequencing services for self-funded, citizen science based projects. These projects are typically sponsored by regional mycological societies or by private citizens working in collaboration with their communities. The NAMP and the LAMCSC are working to connect NAMP citizen science projects with MSA scientists willing to act as collaborators and advisors. NAMP organizers are also working to produce instructional videos and informational materials to assist current NAMP projects in meeting their local goals. Finally, NAMP has established a formal relationship with the Botanical Research Institute of Texas (BRIT) as the default repository of vouchered fungal specimens if no local fungarium can be found. We invite input from managers of research fungaria interested in accepting NAMP vouchered specimens. In all cases, observations will ultimately be posted on MyCoPortal.

In addition to NAMP activities Alija Mujic has been coordinating outreach to the community of amateur mycologists in Northern Florida through participation in the Florida Academic Lichen and Fungi Enthusiasts League (FALAFEL). Alija co-founded FALAFEL in early 2017 and has served as the first president of the club. His tenure as club president ended as of June 2018. The steering committee of FALAFEL has organized monthly forays and several workshops in the Gainesville area which have drawn up to 85 participants at a single event. FALAFEL also holds a monthly meeting on the University of Florida campus and hopes to engage citizen scientists in the mycological exploration of Florida.

Liaison with Amateur Mycological Clubs & Societies Rotating Committee Roster

Alija Mujic, *Chair* (2017-2019)

alija.mujic@ufl.edu

Nhu Nguyen (2017-2021)

nhu.nguyen@hawaii.edu

Christian Schwarz (2017-2021)

cfs.myko@gmail.com

Stephen Russell, *Student Representative* (2017-2021)

srussell@purdue.edu

Nathan Wilson (2014-2018)

nathan@collectivesource.com

Additional acting member:

Bill Sheehan (2017-2018)

bill@productpolicy.org

Report of the Nominations Committee for 2018

James Anderson

Joey Spatafora

Amy Rossman

Tim Baroni (Chair)

Mary Berbee (ex officio)

The MSA Nominations Committee discussed, developed a slate of possible candidates and then held a series of votes to select nominees for Vice President, Executive Vice President and Councilors in Genetics and Molecular Biology, Systematics and Evolution, Ecology and Pathology, and Cell Biology and Physiology via email exchanges in late January and early February. Before starting this process, the Chair of the Nominations Committee conferred with Vice President Anne Pringle through a series of emails to ensure that our list of nominees were distinct from the membership list. Vice President Pringle contacted the proposed candidates to confirm they would stand for the office before their names were placed on the final ballot, as per the MSA Manual of Operations. The final ballot was then distributed to the Society membership consisting of one nominee from the Nominations Committee and one nominee voted on by the membership at large for each position.

Nominees from Nominations Committee and from the Membership.

	Nominations Committee	Membership
Vice President	Marc Cubeta	David Geiser
Executive Vice President	Anthony Glenn	Marin Talbot Brewer
Councilor - Systematics & Evolution	P. Brandon Matheny	Camille Truong
Councilor - Ecology & Pathology	Bitty Roy	Nhu Nguyen
Councilor - Cell Biology & Physiology	Jason Stajich	Rosanne Healy
Councilor – Genetics & Molecular Biology	Alisha Quandt	Huzefa Raja

Respectfully Submitted for the Nominations Committee

Tim Baroni (Chair)

Annual Report MSA Student Section July 2018

Part 1: MSA Student Section Executive Board 2018-2019

Part 2: July 2017 – June 2018 Year in Review

2.1. Bylaws

2.2. MSA Student Section at MSA 2017 in Athens, Georgia

2.3. Fundraising

2.4. Outreach

a) Social media outlets

b) Newsletters

c) MSA_SS website

d) Education

2.5. MSA meetings prep guide for new attendees

2.6. MSA Student Section at IMC11 in San Juan, Puerto Rico

a) MSA Council

b) Student and postdoc mixer

c) Board Meeting

d) Merchandise: Fundraising for Puerto Rican student organization

e) High school supplies drive

f) Workshop

Part 1: MSA Student Section Executive Board 2018–2019

Elections were held from May 14th until June 25th, 2018. We received a total of 28 students and 5 postdocs votes. The following officers were unanimously elected:

Chair: Kristi MacCready – Michigan State University (*automatic transition – approved by the Executive Board on June 5th, 2018*)

Vice-chair: Rebecca Shay – Michigan State University

Secretary: Rob Powers – University of Michigan

Treasurer: Cedric Ndinga Muniania – University of Minnesota

Merchandise Chair: Savannah Gentry – University of Wisconsin Madison

Communication Chair: Lindsey Becker – North Carolina State University

Webmaster: Derreck Carter-House – University of California Riverside

Post-doc Representative: Rachel Koch – Purdue University

Past-chair: Terry Torres-Cruz – Penn State (*automatic transition – non-voting*)

Part 2: July 2017 – June 2018 Year in Review

2.1 Bylaws

On November 14th 2016, during the monthly Student Section Board meeting, a vote resulted in the creation of a new board position, entitled “Merchandise Chair.” Nora Duncritts has been volunteering in this position ad-hoc through 2017–2018.

Amendments to the Bylaws were unanimously approved by the 2016–2017 Executive Board, ratified by a student member-wide vote in June–July 2017, and approved by Council in October 2017. This amendment is based on the needs of the section regarding the newly generated Executive Board officer position of Merchandise Chair. The updated Bylaws are available on the Student Section’s webpage: <https://msastudents.org/student-section-bylaws/>

2.2 MSA 2017 in Athens, Georgia – Events and Merchandise

Previous and current Executive Board Members Jessie Uehling, Chris Smyth, Andrea Bruce, Rebecca Shay, Nora Duncritts and Terry Torres-Cruz represented the Student Section during the MSA 2017 meeting in Athens, GA, USA. They presented the Section’s poster, “The Mycological Society of America Student Section,” including general information about the Student Section. Our Student Board meeting was held on July 16th, where students were updated on our work during 2016–2017 and our plans for 2017–2018. We also sold tee shirts (featuring a new design for this year), hats and travel mugs (see Fundraising, below). The Career luncheon, which we held with the MSA Diversity and Inclusion Committee, was very well attended. Students and postdocs had the opportunity to meet during lunch with mycologists from different industries who talked with students and postdocs about their career choice, how they got there, and discussed important considerations for choosing a career path in mycology. Additionally, Executive Board Members Andrea Bruce and Chris Smyth participated in the workshop “STEM Educational Module Development

Teacher's Workshop on Fungal Biology and Biodiversity". They gave a 1-hour presentation entitled "15 Fantastic Fungal Facts You Probably Didn't Know (#7 Will Leave You Speechless)", sharing an example of a creative way to get students interested in a topic using catchy formats that they have become familiar with online. The presentation was in Buzzfeed's numbered list format, each fact with its own flashy headline, which catches the audience's attention and creates room to discuss the information in more detail; and provided teachers with 15 truly remarkable facts about fungi to help engage their students in the subject of mycology.

2.3 Fundraising

During MSA 2017 in Athens, Georgia, we raised \$1,145.00. Fundraising this year brought our account to a total of \$1,262.13. The grand total for fundraising includes expenses and costs of new materials purchase and transport.

2.4 Outreach

a) Social media outlets

As of July 2nd 2018, the Student Section MSA Facebook page has 4,455 likes [+944 since June 25th 2017], the Twitter account (@MSAStudents) has 1236 followers [+401], and the LinkedIn group has 167 members [+16].

Our #IAMAMycologist campaign for MSA 2017 got several posts on social media from our student members and faculty. This campaign's purpose was to post on Thursdays photos of lab work, fungi, etc. using the hashtag to encourage student members to share about their work on social media. Before MSA 2017, a vote was held and prizes were given to the two best posts: Jillian Meyers and Adriana Romero-Olivares.

b) Newsletters

Newsletters were sent to MSA students to inform or remind them about relevant information, e.g., voting on merchandise options for IMC11 in Puerto Rico. Student Spotlights and requests for outreach materials were also shared in the Newsletter.

c) MSA_SS website

We upgraded our WordPress plan from 'personal' to 'premium', on May 11th, 2018 in order to include simple PayPal payments to our website (<https://msastudents.org/>). This upgrade allows us to provide online debit/credit card payment for merchandise to members. Therefore, we also acquired a PayPal account to be able to receive these payments. We thank the Council for their support on this endeavor and Christopher Schardl for helping us set it up.

d) Education

We are in the process of collecting educational resources including lesson plans, Powerpoints, and lab ideas for outreach events for a variety of skill levels. We will invite MSA members to submit materials they are willing to share; including media recipes, techniques for isolating specific fungal taxa, protocols, lesson plans, etc. that can enable outreach opportunities for students. All these materials will be made available on our website.

2.5 MSA meetings prep guide for new attendees

The Student Section Executive Board created a how-to guide for new student members attending MSA meetings for the first time. The resources are available on our website at <https://msastudents.org/blog/meeting-prep-guide/> and a newsletter was sent out to members before the annual meeting with summarized information and links to our full how-to guide. This initiative was proposed by the Student Section Board in response to a suggestion made by Dr. Nicole Hynson during the MSA Council meeting at MSA 2016 in Berkeley, CA.

Specific topics for the guide include: preparing an elevator speech, creating business cards, what to wear to an MSA meeting, what to expect during forays, social gatherings, and poster sessions, effectively getting information out of talks, creating a LinkedIn, Research Gate profile or personal website, choosing talks strategically, and networking. We also have a section on how to prepare a poster, where we have attached examples from previous poster award winners who have given written permission to share their posters with the student community.

2.6 MSA Student Section Presence at IMC11 in San Juan PR – July 2018

a) MSA Council

2017-2018 Chair, Terry J. Torres-Cruz, and Communications Chair, Rebecca Shay (2018–2019 Vice Chair), will represent the Student Section at the Annual MSA Council Meeting in San Juan.

b) Student and postdoc mixer

The Student Section will organize a Student Mixer during this meeting, which will be open to all student and postdoctoral attendees (MSA members and non-members). Information was provided to MSA students in an MSA Student Section Newsletter in June and advertised on social media.

c) Board meeting

The MSA Student Section will be holding its sixth annual Board Meeting during IMC11 in San Juan, PR. We will update current and potential future students interested in Student Section leadership about our accomplishments in the past year and our plans for the future. The meeting will be held during lunch time on Tuesday, July 17th, 2018 with the hopes that holding the board meeting during the conference, instead of the day before the conference starts (as done in the past) will increase student participation.

d) Merchandise

For IMC11 we have invested \$1,429.99 in purchasing new materials. We also have leftover tumblers [4] and hats [35] from MSA 2017 that will be sold at IMC11, which are being stored by our Merchandise Chair, Nora Duncritts. The new Merchandise Chair position has made possible the diversification in our merchandise and improved our selling logistics.

We conducted a survey among MSA student members and the results showed high interest in members wanting to purchase merchandise with 50% of profits donated to relief efforts in Puerto Rico. The Student Section is in contact with a student association at University of Puerto Rico (UPR) – Humacao, UPR’s campus that was most affected by Hurricane Maria, where we will donate the funds raised through merchandise sales. In this way we can more directly support our Puerto Rican student counterparts in their ongoing recovery.

e) High school supplies drive

The Student Section will collect school supplies for local students during the IMC11 meeting in San Juan, PR. We have contacted MSA members in advance and provided a list of suggested items that are needed. During the meeting, we will collect donations at our merchandise table, which will be donated to a high school affected by the hurricanes last year – Escuela Superior Pedro Falú Orellano (Rio Grande), our contact with the school is Yomaira Ortiz.

f) Workshop

The Student Section will be hosting the workshop entitled: “Beyond the Lab Bench: How to Engage in Effective Online Science Communication”, which will be held on Thursday, July 19th 1:00--5:00PM. The workshop aims to provide participants with information on how to use online platforms for effective networking and public outreach. The workshop will include topics regarding: crowd-funding campaigns, effective use of social media to communicate science findings, how to make content go viral, and translating science to the general public, among others. We thank our 2017–2018 secretary, Andi Bruce, for her efforts leading this endeavor and contacting speakers.

—MSA Student Section Executive Board 2017–2018

Terry J. Torres-Cruz, Chair

Kristi MacCready, Vice Chair

Andi Bruce, Secretary

Brendan O’Brien, Treasurer

Rebecca Shay, Communication Chair

Nora Duncritts, Merchandise Chair

Nicola Day, Postdoc Representative

Chris Smyth, Past Chair

Plans for MSA 2019 at the University of Minnesota August 10-14

Plans for the annual MSA meeting at the University of Minnesota, August 10-14 are well underway. I welcome feedback for plans and costs.

EVENTS:

- *Venue* - The scientific program will be held at The Graduate Hotel and Conference center in Minneapolis, and close to the UM campus.
- *Foray* - Peter Kennedy, foray leader, will take us to the UM Long Term Ecological Research site at Cedar Creek MN, just 45 min. north of campus. August 11.
- *Special events* - The Volunteer and Outreach Appreciation reception will be held at the Bell Museum of Natural History on the St. Paul campus. A special exhibit regarding the history of mycological and plant pathological research at UM is planned for this spectacular venue.
- *Sponsors* - we are seeking corporate and UM sponsorship to lower the costs of attending the meeting, for special events and receptions such as the Career Lunch and the Volunteer and Outreach reception, and for symposia and workshops.
<https://learning.umn.edu/portal/events/reg/participantTypeSelection.do?method=load&entityId=10477659>
- *Website* - The UM will host the web site for meeting registration, and for hotel or dorm room accommodations. The UM host website will link to the Allen Press site for abstract submission and scientific program.
- *Scientific Program* - Tony Glynn is Program Committee chair. A call for symposia and workshop applications will be circulated in August after the IMC 2018 meeting.

COSTS: Meetings in Twin Cities are expensive! Approximate or actual costs are:

Item	Description	Cost
UM event planner	Web site, negotiating venue, meeting management, sponsor recruitment.	\$30,000 - paid
Estimated Registration costs	MSA Members, nonstudents	\$375.00
	MSA Members, nonstudents, late registration	\$400.00
	MSA Members students	\$300.00
	Non-MSA Members	\$475.00
	Non-MSA Members, late registration	\$525.00
	One Day Registrations	\$200.00
	Foray Registrations (including guests)	\$75.00

Total costs ~ \$135,000. Registration as per above generates ~ 110,000, so we need to raise ~ \$25,000 in sponsorship (cash and/or “in kind” to meet these registration costs)

Thanks much to the local organizers of Berkeley and Athens meetings for all their advice!

Memorials Editor Annual Report
Meredith Blackwell
28 June 2018

1) Memorials:

Need writers (have not found anyone but more information is on the internet, so I'll try again)

- Royall Tyler Moore (October 11, 1930--August 17, 2014)
 - http://www.passedaway.com/notice/dr_royall_moore/14368/
 - https://en.wikipedia.org/wiki/Royall_T._Moore
 - <http://www.news.cornell.edu/stories/2015/06/royall-moores-passion-fungi-funds-students>
- John Webster (25 May 1925 – 27 December 2014) – David Hawksworth was asked this week. He had already written about Webster, so he was not asked earlier. He now has new information that can be used.
- James W. Kimbrough -- Matt Smith et al.

Completed

RICHARD PAUL KORF (1925–2016) – Donald H. Pfister, Harold H. Burdsall Jr, Teresa Iturriaga, Linda M. Kohn, Amy Y. Rossman & Wen-Ying Zhuang (2017) Mycologia, 109:3, 529-534, DOI: [10.1080/00275514.2017.1360126](https://doi.org/10.1080/00275514.2017.1360126)

GASTÓN GUZMÁN, 26 August 1932 – 12 January 2016 – Laura Guzmán-Dávalos and Joaquín Cifuentes (2018), Mycologia, DOI: [10.1080/00275514.2018.1475191](https://doi.org/10.1080/00275514.2018.1475191)

THOMAS NORWOOD TAYLOR (1938–2016) -- Christine Strullu-Derrien and Paul Kenrick (2018). Mycologia, DOI: [10.1080/00275514.2018.1462080](https://doi.org/10.1080/00275514.2018.1462080)

Near completion

Edward Butler (--2016) – David Rizzo and Rick Bostock
<http://www.worldcat.org/title/ucd-emeriti-association-oral-history-interview-with-edward-e-butler-january-23-2003/oclc/648874012>

Submitted

Mike Allen et al. -- Martha Christensen, President MSA (1987-1988), Vice President (1985-1986); Weston Award for Teaching Excellence in Mycology, Councilor (1952-1953, 1977-1979, 1983-1985)

Assigned

Kenneth Wells (1927-2016) – John Taylor and Mary Berbee
<http://www.worldcat.org/title/ucd-emeriti-association-oral-history-interview-with-kenneth-wells-october-19-2006/oclc/657413434>

Chirayathumadom Venkatachaliar -- (CV) Subramanian (August 11, 1924– February 5, 2016) – Keith Seifert (short perspective piece)
https://en.wikipedia.org/wiki/C._V._Subramanian
<http://www.currentscience.ac.in/Volumes/106/10/1438.pdf>
<http://www.funqiindia.co.in/images/kavaka/45/45.pdf>

["Tropical Mycology: Future Needs and Development"](http://www.britmycolsoc.org.uk/society/obituaries/professor-cv-subramanian-1924-2016/)
<http://www.britmycolsoc.org.uk/society/obituaries/professor-cv-subramanian-1924-2016/>
https://en.wikipedia.org/wiki/C._V._Subramanian
<http://ssbprize.gov.in/Content/Detail.aspx?AID=80>
<http://www.neglectedscience.com/alphabetical-list/s/chirayathumadom-venkatachali-subramanian>

Note that two Honorary Mycologists, one Distinguished Mycologist, one Weston Award winner, and two former presidents have died.

2) Wikipedia

Cathie Aime sent a list of all the memorials ever published in *Mycologia*. I would like to put the names and a link on the Wikipedia "List of mycologists" page <https://en.wikipedia.org/wiki/List_of_mycologists>. They are supposed to be open access, but they are not available. Can something be done about this problem? In the past MSA student members have added a number of mycologists to Wikipedia, but it is slow going. By using *Mycologia* citations nothing needs to be rewritten.

3) Selected publications

Keith Seifert's suggestion was accepted, and several memorials were accompanied by free access to the *Mycologia* publications on the Taylor and Francis *Mycologia* website.

4) Acknowledgements

I thank Sarah Bergemann and Keith Seifert for their extremely helpful involvement this year.

Archivist Annual Report Meredith Blackwell 28 June 2018

The main activity of the archivist was to negotiate an agreement with the Hunt Institute for Botanical Documentation, Pittsburgh, through J. Dustin Williams, Archivist and Research Scholar, to move the MSA Archives from its historical home at the NYBG. The advantage of the move is that the HIBD is an archive and would archive the MSA materials over time at no charge to MSA. Materials that are of interest would be scanned and made available to MSA. Because the HIBD encourages research on its collections, the materials would be available to researchers (e.g., history of mycology in the USA, numbers of students hired in the field, trends in costs of the journal).

Sarah Bergemann visited NY in the winter and will provide an update on the materials that are to be moved. Hopefully the funds approved by MSA Council in 2016 are still available.