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President's Message

BY MARC JESCHKE, M.D., PH.D., FACS, FCCM, FRCS(C)



Dear Shock Society Members,

This is the about the fourth or fifth version of my letter because things keep evolving so fast, thus requiring changes. In April, I sent out a general note:

"I am writing today to update you on the June 2020 conference in Toronto. Due to safety concerns, we will not be holding our Annual Conference from June 6–9, 2020. I am very disappointed, and I am sure this sentiment is shared by many of you. This was a very difficult decision,

and since we think of our Shock members and colleagues as family, we need to first make sure our family is safe. Your Executive Council could not possibly risk their family's exposure to health concerns. Therefore, our only option was to cancel the 43rd Annual Conference on Shock. We came to this unanimous decision by Council. As your Executive Council, we have a long list of action items for our next steps. This includes many things that would usually be discussed or take place at the meeting, such as abstracts, awards, the business meeting, and so forth. Council is already working to address these items as well as any additional concerns and questions you may have. We share everybody's disappointment and frustration, but I think we all agree that these times are very tumultuous and complex.

The good news is, we were able at no cost to cancel our hotel in Toronto for 2020 and rebook in 2022. This is exciting as Toronto will welcome you all in June 2022.

After we had to cancel the meeting, numerous challenges arose, including how to maintain Shock's business and affairs, as we as a society are not prepared to deal with this complex situation. We looked for legal advice, and lawyers strongly indicated that we need to change

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President's Message continued

our bylaws to prepare for a possible situation like this in the future but to maintain a status quo in terms of executive officers. Furthermore, they said not to hold elections and to transfer the outline of the 2020 meeting to the 2021 meeting. The Executive Council had a very long discussion about this and in the end, unanimously voted to keep the status quo of officers and committee chairs until the 2021 meeting. The impact of this decision is:

- There will be **NO** voting for officers in 2020, but voting will take place in spring 2021.
- All officers will continue until 2021, with no turnover this year.
- Dr. Efron will be program chair in 2021, Dr. Kaplan in 2022, and Dr. Hellman in 2023.
- Committee chairs whose terms would have ended in 2020 will continue in their roles until 2021.

So, what is the plan now for June 2020? We are excited to announce that we have packaged the key aspects of the conference into a new virtual series that is FREE for our members. Being held June 6–9, the series will include our executive council and committee chair meeting as well as presentations from the Shock New Investigators Competition finalists, among other exciting events and presentations. We will hand out awards, and all awardees will be acknowledged in a special newsletter coming out in June/July 2020. But there is a lot more that the Executive Council is working on, so please stay tuned.

Now to some general Society business. Shock has been maturing nicely over the last decade, and our founding members would have been proud. I am very happy to report that we found a management company to be our future partner. After a thorough search, we identified MSP as the management company to move forward with, and with this partnership, I think we as a society will enter a new era. [MSP](#) will introduce themselves and their vision in this newsletter.

Over the past few months, the Executive Council and the Executive Officers have worked very hard, and I would like to thank everybody for their time and effort. I especially would like to thank Serena Weisman and Ying Zhu for their tireless work and support. Serena has transitioned to MSP and is our Executive Director.

We worked very hard on various aspects for the Society. As you likely have noticed, we made some changes and aligned ourselves with a strategic plan, which is built on five columns. We reported on this in our last newsletter. With our new management company, we will further our work on realizing these strategic priorities. We also made some changes in terms of our registration fees, better appreciating members who come to the meeting. Some more structural and managerial changes will be coming your way over the next year.

I think that the Society is moving forward and developing quite well. With our vision and our strategic plan, we can look optimistically to the future. The Society has profoundly matured over the last decade and will continue to do so. But those of us on the Executive Council and its Executive Officers believe that we have to preserve Shock's characteristics and the benefits of collaborations, partnership, great science, and friendship. In my opinion, these are the key elements that attracted all of us to join Shock, and they surely need to be maintained.

Looking ahead, the 2021 Annual Conference on Shock will be in Portland, Oregon, from June 5–8. The contracts are signed, and the hotel and venue are secured; therefore, 2021 in Portland is definitive. So mark your calendar! You can also mark your calendars for June 4–7, 2022, in Toronto.

Please stay tuned for further updates, and feel free to contact me if you have questions.

I hope everyone remains healthy and safe.

Marc

From the Leadership

President-Elect's Message

BY LAURIE KILPATRICK, PH.D.



Dear Shock Society Members,

I hope all our members are staying safe and healthy in these unsettling times. I want to take this opportunity to thank our members who are clinicians working on the frontlines and the scientists who are actively working to develop treatments and vaccines for COVID-19. I will truly miss seeing everyone this June. Losing this meeting makes our 2021 meeting even more important. Please make every effort to attend the 2021 meeting in Portland, Oregon (June 5–8, 2021). Dr. Phil Efron will remain our scientific program chair for our 2021 meeting, and I look forward to participating in the wonderful program that Phil has put together. While we will not be able to be together in June, we have organized a Shock Society virtual series to keep our members engaged with the Society. One important upcoming Shock Society webinar on June 8 at 1:00 pm ET will feature Dr. Rochelle Long, director of the Pharmacology, Physiology, and Biological Chemistry Division at NIGMS, who will discuss NIGMS sepsis research priorities. NIGMS program officers Drs. Sarah Dunsmore and Xiaoli Zhao will join Dr. Long for a Q & A session. Please follow along on social media and the website for details about the exciting [Virtual Series](#) planned for this summer.

As president-elect (for another year!), it has been a pleasure to work with President Marc Jeschke and the Executive Council this past year to transition to our new management company, MSP, and to advance our strategic plan to ensure the continued growth and success of our society. Our society is only as strong as our members, and we are in a unique position to educate the scientific community, funding agencies, and the public about our important work in sepsis, trauma, and shock. Please contact me if you are interested in volunteering for committees or sharing ideas. I can be reached at laurie.kilpatrick@temple.edu or (215) 707-8420.

A key mission of the Shock Society is to promote the education and mentoring of the next generation of investigators in the field of trauma, shock, and sepsis. This is vital for the success of our society, and in order to promote trainee development, dedicated mentors are essential. In support of this mission, I am pleased to announce a new **Shock Society Mentoring Award**. This award will be given to an individual who has had a significant impact as a mentor in promoting professional development and career advancement of the next generation of basic scientists and/or clinician-scientists. Know an exceptional Shock Society member whose mentoring deserves recognition? Here is a wonderful opportunity to recognize their efforts at our 2021 meeting!

Looking forward to seeing everyone in Portland in June 2021!

Committee Connection

Communications Committee

BY CO-CHAIRS,
MATTHEW DELANO, M.D.
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MELANIE SCOTT, M.D., PH.D.
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Some major behind-the-scenes changes at the Shock Society will have profound effects on the Communications Committee (and indeed, already have!). I hope you have discovered and explored our new website; it has been in the works for quite some time, but progress was slowed because of logistics associated with our management changeover. We are currently full steam ahead in making some major changes to our web and social media presence now that we are partnered with MSP.

The new website not only has a bold new look but it also has improved capabilities for managing membership issues, accepting abstract submissions for the annual meetings, registering for meetings, and keeping up with the latest on our social media platforms.

Speaking of social media, we continue to increase our following on Twitter, and we hope this continues. We are also re-vamping our presence on Facebook (so, if you are a devotee of that platform, please “like” our page and follow us there) and adding a new company page on LinkedIn. Look out for more information, and search for us on these platforms.

With the help of the talented team of social media and marketing gurus at MSP, we have launched a YouTube channel, which we hope will be useful in streaming recordings of past meeting speakers and hosting our recordings of past presidents (and oh boy, do they have some stories to tell!), as well as posting other select content we think will be useful and relevant for you, our lovely members. Suggestions for items to include on any of these social media platforms are always welcome—we want to make it a relevant place for you to connect with colleagues, make new contacts, talk about your research, learn about other research, and more!

Logo competition update: We had an incredible response from our amazingly talented members, receiving many wonderful ideas for a new logo for our society. Because of all the other things that have been going on in the world, we have not made a final decision on our new logo...yet. But we *have* decided on a winner of the competition.

And the winner is...

Juan Idrovo, M.D., Assistant Professor of Surgery and Critical Care at University of Colorado Denver, Anschutz Medical Campus.

Congratulations Juan! You will receive free registration to the next annual meeting in Portland. We hope to showcase Juan’s ideas as well as some of the other submissions when we get together in Portland. As a teaser, to the right, is just one of Juan’s logo ideas that we really liked.



Sadly, we will not be able to meet in person in Toronto this month to celebrate the Shock Society, revisit our friendships with our fellow members, or heartily discuss our research over drinks at the evening receptions, as the in-person Shock Annual Conference is canceled. However, we are excited to announce that we have packaged the key aspects of the conference into a new virtual series that is FREE for our members. Being held June 6–9, the series will include our executive council and committee chair meeting as well as presentations from the Shock New Investigators Competition finalists, among other exciting events and presentations. It promises to be virtually incredible! (Geddit???)



Hoping all our members and the ones they love stay safe in this troubled time. Make sure you stay home as much as possible if you can, help flatten the curve, and send food and love to all our clinical friends and colleagues to help them in the fight against COVID-19.

Be well.

Committee Connection

Finance Committee

**BY CHAIR OF FINANCE COMMITTEE,
MELANIE SCOTT, M.D., PH.D.**
scottm@upmc.edu



It has certainly been a tumultuous few months since I was sitting writing my first treasurer's update for the Shock Society Newsletter back in the fall. The world is gripped under the pandemic of COVID-19, and we are all adjusting to physical distancing, having our labs shut down, and trying to be productive while working from home. Many of our clinician members, colleagues, and friends are on the front lines of fighting the coronavirus outbreak, and I send my thanks to them for their hard work in keeping the rest of us well and helping COVID-19 patients recover. Perhaps it will be a Shock Society member who makes a breakthrough in understanding the pathogenesis of the lung damage, determining a potential cure, or helping move toward an effective vaccine to the new plague of our time.

Despite the sharp decline in the stock market, the finances for the Shock Society continue to be strong. Our investments have suffered, of course, just like everyone's 401(k)s, but we have sufficient resources to maintain the steady progress we've made in growing our society over the last few years. I will be working with the finance committee to complete an analysis of an acceptable level of risk in our investment strategy, and we are continuing to take advice from investment professionals.

I am very excited to be getting to know and starting to work with the new team of financial professionals at MSP, the Shock Society's new management company. Our contract with MSP includes monthly accounting and bank reconciliation as well as the ability to set up an annual budget and projections for the next four to five years. This will be helpful in planning how we can move the Society forward as the membership grows and offer more awards for travel, research, and achievements in the future. I am confident that MSP will help us move further toward our goal of being a major force in the fields of shock, trauma, sepsis, burn, and infection research.

“ *Despite the sharp decline in the stock market, the finances for the Shock Society continue to be strong.* ”

As always, please consider supporting the financial health of the Society through submissions of some of your best work to our journal, *SHOCK*. Our contract with the journal publisher, Wolters Kluwer, is vital to maintaining the vibrant society we all love, and this is the best way you can support our mission and keep the Shock Society growing. I am always happy to speak to any member who has a suggestion or question for the Society treasurer, so feel free to contact me.

Stay safe, stay well, stay home if you can.

Committee Connection

Congratulations

**BY AWARDS AND HONORS CHAIR,
MEIHONG DENG**



In 2020, we received 116 abstracts that applied for the Travel Awards, compared to 129 abstracts applied in 2019. The Awards and Program Committee members completed the review and ranking of such a high volume of abstracts in a short timeframe. Thanks for their efforts and dedication.

In the named awards, we have selected one from 19 applicants (16 in 2019) for the Chaudry International Award, four from 31 applicants (48 in 2019) for New Investigator Awards, and five from nine applicants (nine in 2019) for Diversity Enhancement Awards. The six high-scoring abstracts among the applicants, with the exception of the New Investigator Awards, will be honored with Named Presidential Travel Awards.

The Shock Society has also provided fellowship and research grants to support the investigators at their early career stage in studying the research areas related to trauma, shock, and sepsis. This year, we have received six applications (eight in 2019) for one Research Investigator Fellowship (Post doc) and six applications (10 in 2019) for one Faculty Research Award.

All awardees will be recognized in the "Award Winner Flyer" of the July Shock Society Newsletter.

News from Shock

BY SCIENTIFIC PROGRAM CHAIR,
PHILIP A. EFRON, M.D., FACS, FCCM
Professor, Departments of Surgery,
Anesthesiology, Emergency Medicine,
Aging & Geriatric Research, and
Molecular Genetics & Microbiology
University of Florida College of
Medicine



Mark your calendars for the 44th Annual Conference on Shock, to be held June 5–8, 2021, at the Marriott Downtown Waterfront, Portland, Oregon! The theme for the 2021 meeting is...

“The 3 R’s: Resilience, Recovery, Restoration.”



SHOCK Journal Report

BY EDITOR-IN-CHIEF,
IRSHAD H. CHAUDRY



This Spring edition of the Shock Society Newsletter, written under the prevailing COVID-19 pandemic, is submitted with anxiety, worry, and concern for our colleagues, members, friends, families, and humanity at large. This virus has already caused loss of thousands of precious lives, social devastation, shortage of necessities, and most importantly, shortage of healthcare essential resources, facilities, and manpower. Life has not been the same since the onset of this pandemic, as some of us are required to work from home while others are on the forefront taking care of people who are inflicted with this virus. COVID-19 has taken a toll on all of us, including our authors, editorial board members, editorial associate, and the personnel of the publisher of our journal, **SHOCK**. This virus has also affected my family, as our daughter is inflicted with COVID-19. In view of the unfortunate prevailing circumstances, we all must adapt and continue to go on with our lives, which includes caring for and helping each other. While our valuable clinician board members will be in the ER and ICUs, they will have little or no time to review the manuscript. I am therefore requesting additional help from all other board members at this unprecedented time.

I also wish to mention to our authors that because of COVID-19, all aspects of your submissions, acknowledgment, review, and publication may be slower than usual, and I greatly appreciate your patience regarding this matter. It has been suggested that we temporarily halt the submission of new manuscripts at this time of uncertainty and anxiety. I submit that this is not the appropriate way to handle this situation, as dissemination of new knowledge to the world is what the journal is all about. Who knows—there may be a manuscript submitted for the treatment of COVID-19. If we do not keep the publication process open, we may miss that important and timely answer for the treatment of the prevailing problem.

I am saddened to see that the annual Shock Society meeting this year had to be canceled, thus also affecting the New Investigators Award Competition (NIAC) and publication of those articles. Since the five finalists have already been selected by the committee, I would welcome those submis-

sions as if they were presented at the meeting. Thus, please submit those manuscripts by June 1, and indicate in the submission letter that it is from NIAC. I will be requesting the Council to waive the publication charges for those articles. I also urge all other submissions of work that was accepted by the Program Committee for the 2020 meeting.

The rest of this letter was written before the COVID-19 problems.

We are in the process of receiving submissions for a special Supplement issue titled “Special Edition for Damage Control Resuscitation Society Endovascular Resuscitation and Trauma Management (EVTM)—Practical Aspects and Implementation,” inaugural Damage Control Resuscitation (OCR) Conference, which was held in Campinas, Brazil, in June 2019.

The Department of the Army Military special supplement, “Oxygen Carriers,” was published in October 2019.

I am pleased to welcome the following new editorial board members: Drs. Susan Burke, Baton Rouge, LA; Jie Fan, Pittsburgh, PA; Evangelos Giamarellos-Bourboulis, Athens, Greece; Marc Hanschen, Munich, Germany; Tammy Ozment, Johnson City, TN; Myung Park, Rochester, MN; Tianqing Peng, London, Ontario, Canada; Arshad Rahman, Rochester, NY; Barna Relja, Magdeburg, Germany; and Andreas Szabo, Szeged, Hungary.

I wish to express my gratitude and thanks to the editorial board members whose term has ended or who have stepped down because of their new and additional responsibilities. They include: Drs. Alfred Ayala, Gregory Beilman, Uwe Brueckner, James Collier, Eugen Faist, Celeste Finnerty, James Holcroft, Michael Krausz, James Lederer, Claude Libert, Kevin Ward, and Teresa Zimmers.

My sincere thanks and gratitude to all the authors who have contributed their outstanding work to **SHOCK**. I also am indebted to the associate editor-in-chief, the senior associate editor—Europe, all the associate editors, the editorial board members, and the guest referees for the thorough and expeditious review of the manuscripts and for their tremendous help and support on the journal.

In 2019, a total of 700 manuscripts were submitted, including Review Articles, Clinical Science Aspects, Basic Science Aspects, Editorial Comments, Letters to the Editor, and monthly Commentaries.

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SHOCK Journal Report continued

A special thanks to the **Top Reviewers for 2019**: David Greenhalgh, who completed 27 manuscript reviews, and Daniel Darlington and Philip Efron, who each completed 23 manuscript reviews.

Much gratitude is given to the guest reviewers for their time and expertise in assisting with manuscript reviews. These reviewers were from the following countries: Austria, China, France, Germany, Greece, Italy, Japan, Taiwan, United Kingdom, and the United States.

Distribution from 40 countries submitted manuscripts to the **SHOCK** journal website; the two countries with the highest manuscript submissions were China with 244 and the United States with 144.

I am also grateful to the members who continue to take time from their busy schedules to write "What's New in Shock?" in each issue of the journal.

As per task force recommendations, request was made to the following members, and they are serving in various positions:

Arbitration Board Members for Disputed Reviews:

Wei Chao, Mashkoor Chaudhry, Jennifer Kaplan, Matthias Majetschak, Carrie Sims, and Charles Wade for Basic and Clinical Science

Associate Editors for Basic Science Review Articles:

Marc Jeschke and Daniel Remick Associate Editors for Clinical Review Articles: Timothy Billiar and Thomas Scalea

Associate Editors for Pre-Review: Guo-Chang Fan and Ping Wang for Basic Science; Saman Arbabi and Peter Ward for Clinical Science

Associate Editor for Press Release: Michael Karlstad for Basic Science and Richard Hotchkiss for Clinical Science

Please note that effective January 1, 2020, all accepted manuscripts are published online only.

Again, I wish to also express my sincere thanks to Connie Weldon for continuing to provide tremendous help with all facets of **SHOCK**, and also to John Ewers, Anna Butrim, and Emma Rama, at Wolters Kluwer, for their continued help with the journal.

I am again humbly requesting any member's suggestions for improving any facet of our journal. Please email your suggestions to me at shock@uabmc.edu. The editor-in-chief and the editorial office of **SHOCK** wish to thank all the authors who have submitted and who continue to submit articles to **SHOCK**. I wish each of our members the most productive and fruitful 2020.



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Shawn Larson, M.D. (2022)

Jeffrey Shupp, M.D. (2022)

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