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Shock Society

Spring Newsletter
2016

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President's Message

by Rosemary Kozar, MD, PhD, FACS

It's been an exciting year as President and hard to believe it's coming to an end. I'd like to thank the entire membership for your trust and support. You will be in good hands with President-Elect Ping Wang. This year's meeting is shaping up to be an amazing one, thanks to our program chair, Marc Jeschke. The quality and quantity of abstract submissions to this year's meeting was at a record high!! As our meeting approaches and all of you are hard at work on your posters and talks, keep in mind that we would welcome your submissions to our *Shock Journal*. I heard that my white water rafting trip at last year's meeting was a bit adventuresome so I'm looking for some calmer alternatives. A list of things to do and places to see will be available at the meeting. Beware though, my source of information is my son's friend (i.e., young and adventuresome)!

I'd like to extend a special invitation to all of you to participate in our annual "fun" run. Last year I was contemplating registering but hesitant as I hadn't actually run in a race for quite a few years. Dr. Remick, our fun run organizer extraordinaire, offered to provide CPR during the race should I need his services and I'm sure he would extend that favor to you as well. We have over two months before the race so let's all take the time to pull out our shoes and see what we can do. I would especially like to encourage those more "mature" members to join me in the back of pack. Walking is acceptable and encouraged. Let's bring back the days when participants were in dress shoes and

khakis! I'm thinking we need a prize this year for the person who comes in last?

As you know, in addition to our Society- sponsored fellowships, we have a new DOD-Shock Society fellowship. **[In order to ensure the largest pool of candidates, we have extended the deadline for the DOD-Shock Society fellowship through April.](#)** We are grateful to our military colleagues for their support of this fellowship and for their continued involvement and participation in our Shock meeting. Please join me in extending a special welcome and thanks to our military members and guests at the meeting. Again this year the NIH Surgery, Anesthesia, and Trauma study section meeting will immediately follow our meeting. Welcome these special guests as well.

We all belong to different societies, but obviously Shock is very important to us all. So the question is why? Why Shock?

- *A unique opportunity to learn from the best and brightest in shock-related science and clinical care in a friendly and nurturing environment.*

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[Shock Society 39th Annual Meeting](#)

**Hilton Austin
Austin, Texas, USA
June 11 - 14, 2016**

[Explore the food, sights, and entertainment of Austin!!!](#)



President-Elect's Message

by Ping Wang, MD

I would first like to take this opportunity to thank President Rosemary Kozar for her leadership and wisdom in working tirelessly for the Shock Society. It has been a great pleasure to work with Rosemary, and I have learned a lot from her. Additionally, I'd like to congratulate Marc Jeschke and his Program Committee members. They received a record number of high-quality abstracts (329!), and they put together an outstanding program for the 39th Annual Conference on Shock. This year, we expect more attendees than previous years, and fittingly, we have more planned as well. Marc has increased the number of New Investigator finalists in our competition, and he was able to arrange two presidential addresses for Saturday afternoon. I would also like to congratulate Kevin Tracey for receiving the Scientific Achievement Award and Lorrie Langdale for receiving the Distinguished Service Award. Well deserved!

In just a year, we will celebrate the 40th birthday of the Shock Society in Fort Lauderdale, indicating its transition into its “mature” stage. We now number far more than the 30 founding members when they first met on April 5, 1997 in Chicago, but the purpose remains the same: to integrate basic and clinical disciplines in understanding the pathophysiology and treatment of trauma and shock, and to promote awareness of its national and international health importance. It is our responsibility to not only sustain the Shock Society, but also figure out how to grow our organization. It is very encouraging that more scientists and clinicians are interested in attending our annual meetings. In this coming year, I ask for your help in providing advice, and perhaps your service to the Shock Society. If you are willing to serve, please do not hesitate to contact me. You may email me at pwang@northwell.edu or call me 516-562-1017. Please join us to further strengthen the Shock Society as a premier organization in shock/trauma research. We hope to see you all in Austin!

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2016 Program Chair Progress Report

by Marc Jeschke, MD, PhD, FACS, FCCM, FRCS(C)

We have 329 submitted abstracts, with all abstracts being reviewed with very high scores. We will have 43 oral presentations, 259 poster presentation, 6 new investigator presentations, 3 diversity award, and 38 travel awards. All invited speakers have confirmed, and we are adding final touches to the program. Based on the submitted science this meeting is not just a record for abstracts submitted, but in my opinion for the science submitted. I am very excited and happy about the turnout, participation, and work that all members added to the meeting.

The social program is also being worked on, and beside the outstanding science, we will have some fun and good times!

[Learn from Leaders in Shock Trauma Speaking at SHOCK 2016](#)

Greet van den Berghe will be speaking on *Metabolism in the ICU, Lessons Learned* when she presents the Keynote Lecture on Sunday, June 12, from 11:20am -12:20pm. Dr. Van Den Berghe is one of many top scientists who will present at the 39th Annual Conference on Shock. [To view the schedule of events.](#)

To learn more about Dr. Van Den Berghe and her work, [click here.](#)

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Treasurer's Report

by Michaela West, MD, PhD, FACS

The Shock has weathered two major potential financial impacts over the past year and continues to have a very strong financial position. As of mid-March 2016 the total assets of the Shock Society are \$1,480,556 which is up approximately \$35,000 from the amount reported to Council last June. The two major financial stresses that the Society has been exposed to are: 1) the switch from Strategem to FASEB for management services; and 2) the fact that the equity markets posted losses in 2015. That said, the Society was impacted minimally and the losses were more than offset by profit from the 2015 meeting. Let me explain the extent to which these factors did, or did not, impact the Shock Society since my last report.

To date the changeover from Strategem to FASEB has been quite smooth and the personnel at FASEB have now completed the transfers of dues payment and registration functions. Furthermore, while it's still early, it appears that monthly management costs have remained the same, or even decreased. This will likely favorably impact the Societies finances if these trends continue throughout the year.

The second "stress" to the Society's assets and reserves was the combination of the decision to increase Shock Society investments in equities coupled with the worst performance of the equities markets in the past 6 years. At the June 2015 Council meeting the two actions were approved: 1) that we transfer assets from the RBC "Stop Loss" Mutual fund to St. James Mutual fund; and 2) that the society increase the total equity investments held by RBC Wealth Management to \$496,000, divided equally between Can Slim and St. James funds. Relative to the amount invested last July our current balance with RBC has decreased by ~ \$22,100 (4.5%). The Shock Society also has assets in the form of a CD with People's Bank (12/31/15: \$259,019) and a Money Market Savings account with US Bank (2/29/16: \$281,912). The Society also has checking and savings accounts with Bank of America (3/15/16: Checking: \$168,851. Savings: \$286,948). Funds at Bank of America are subject to significant cash flow variations and will likely be drawn down somewhat as the year progresses.

On the whole the Society remains financially strong, boasting a highly profitable arrangement with the journal, enviable cash reserves, a robust membership base, and the start of a mutually beneficial management relationship with FASEB. With that in mind, the Society will again be able to continue to be generous in its support of trainee attendance at the Annual meeting by awarding of Travel Grants and the Society has increased its support of Young Investigator Fellowships. *It's a good time to be Treasurer of the Shock Society.*

We all belong to different societies, but obviously Shock is very important to us all. So the question is why? Why Shock?

- *My answer to "Why Shock?" is because "If we understand shock, we will understand why/how people die from injury and critical illness. Once we understand shock (many) more people will live!"*

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Shock Journal's Editor-in-Chief

by Irshad Chaudry, PhD

Thank you, President Kozar, for the opportunity to write briefly about our journal in the Newsletter. I am indebted to all the authors who have contributed their outstanding work to the journal. I also wish to express my sincere thanks and gratitude to the Associate Editor-in-Chief, Senior Associate Editor, Europe; all of 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 to the journal. I am also thankful to the Associate Editors and to the Editorial Board members who continue to take time from their busy schedules to write under the banner, "What's New in Shock?" in each issue of the journal.

A special thanks to President Rosemary Kozar and Dr. Michael Karlstad (Publication Committee Chair), for their assistance in promoting the journal. Dr. Kozar recommended encouraging young people to submit their manuscripts to *SHOCK* and this suggestion was endorsed by Dr. Mike Karlstad, Chair of the Publication Committee. It was decided that the travel awardees will be solicited to submit their manuscripts for consideration of publication in *SHOCK* one month prior to the meeting. **As a special incentive, the page charges and 1 color figure charge will be waived for those manuscripts** (see awards and honors committee report).

I also wish to thank Drs. John Kellum and Philip Spinella who have stepped down after serving on the Editorial Board. I am indebted to these and other members who have been very kind to provide outstanding help to me and the journal for many years. I am extremely saddened to report the passing away of Dr. Mitchell Fink, an exceptionally valuable Editorial Board member who always provided help to the Journal and the Society in matters too numerous to mention. He will be dearly missed.

I wish to express my sincere thanks to Connie Weldon for continuing to provide tremendous help in all facets of the journal. I am also thankful to Mr. John Ewers, our Senior Publisher, and to Rosemary Hutzler, our Production Editor, Lippincott Williams & Wilkins (LWW), for their continued help in all regards to the publication. Also, I would like to welcome Serena Weisman, the new Business Manager at FASEB, who will be our contact for administrative management services, including general administrative, governance, and web content support. She will be working closely with our meetings and membership departments ensuring smooth operations for the Shock Society.

Aside from the Annual Shock Society Meeting Supplement, we have published an additional Supplement issue in October 2015 titled "***XVI Congress of the European Shock Society***". In addition to this published Supplement, we are in the process of preparing two additional Supplements. The first is the "***2016 Military Supplement***" and the Guest Editors for this Supplement are Drs. Anthony E. Pusateri and Michael A. Dubick. The second Supplement is the "***XII Fórum Internacional de Sepse***" and the Guest Editors for this Supplement are Drs. Reinaldo Salomão, Flavio Freitas and Fernando Zampieri.

I will greatly appreciate any suggestions from our members for improving any facet of our journal. Please e-mail your suggestions to me at shock@uabmc.edu. The Editor-in-Chief and the Editorial Office of *SHOCK* wish to thank all of the authors who have submitted and who continue to submit articles to *SHOCK*.

I wish each of our members the most wonderful spring and summer season.

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Publication Committee Report

by Michael D. Karlstad, Ph.D., Publications Committee Chair

The Publications Committee is excited about the new opportunity created this year to increase manuscript submissions to the *SHOCK* journal from winners of *Travel Awards*. For winners of "Travel Awards" to the 2016 Shock Society Meeting, publication page charges and 1 figure color charge (if color figure is essential in the manuscript) will be waived if you submit your first authored manuscript for consideration of publication in *SHOCK* within 1 month of the meeting (final manuscript receipt date: July 14, 2016) (<http://shocksociety.org/Home/Awards/Travel-Awards.aspx>). The committee continues to actively explore new strategies to improve manuscript submissions from meeting participants at the 39th Annual Conference on Shock, Austin, TX. We hope that all meeting participants will submit their manuscripts for publication in *SHOCK*! We also encourage all members of our society and contributors to our journal to obtain an ORCID iD. This is a unique nonproprietary 16-digit alphanumeric code identifier that is used to distinguish you from every other researcher. An ORCID iD registration link is available when you login on our manuscript submission webpage (<http://www.edmgr.com/SHOCK/default.aspx>).

We all belong to different societies, but obviously Shock is very important to us all. So the question is why? Why Shock?

- *You will join the company of scientists engaged in research ranging from the molecular to the cellular to the organ and system levels of the victims of trauma, shock and sepsis.*

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Awards and Honors Report

by Jennifer Kaplan, MD, MS, Awards and Honors Committee Chair

The Shock Society has partnered with the Department of Defense to offer the following **2 NEW** fellowship opportunities to our members through the **Shock Society-Department of Defense Fellowships at Battlefield Health and Trauma in San Antonio, TX.** [Apply TODAY!.](#)

We will continue to support two research grants to support early career investigators (faculty and trainee) through the **Faculty Early Career Investigator Research Fellowship** and the **Fellow/Post-Doctoral/Resident Scientist Research Award mechanisms**. This year we received an amazing 16 applications for the Faculty Early Career Investigator Research Fellowship and a remarkable 9 applications for the Fellow/Post-Doctoral/Resident Scientist Research Award.

Please check the website for more information regarding these excellent opportunities:
<http://shocksociety.org/Home/Awards.aspx>.

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In Loving Memory

Dr. Mitchell P. Pink (1948-2015)

Dr. Mitchell P. Fink was a longstanding member and past President of the Shock Society (1997-98). His clinical legacy, passion for scientific discovery and commitment to the mentorship of young surgical scientists has had a profound influence both clinically and academically.

Dr. Fink graduated from UC Davis in 1970 and received his MD from the Washington University School of Medicine in 1976. After finishing his surgical residency at the National Naval Medical Center in 1981, Dr. Fink held a variety of faculty positions including surgeon-in-chief at the Beth Israel Deaconess Medical Center in Boston. With a vision for critical care that extending beyond clinical departments, Dr. Fink established the first Department of Critical Care Medicine in 1999 at the University of Pittsburgh. This bold move consolidated critical care providers from different disciplines; uniting them in a shared vision of excellence and raising the discipline to a higher standing in academic medicine. In 2009, Dr. Fink joined the faculty at UCLA and served as the Vice Chair for Critical Care.

A renowned expert in the management of trauma and sepsis, Dr. Fink had a driving need to understand the science behind critical illness. Over his 34 years in academia, Dr. Fink published over 300 articles and numerous chapters. His research investigating the cellular and molecular mechanisms leading to organ failure in trauma and severe sepsis led to many important discoveries and novel therapies. In 2012, Dr. Fink was honored for his pioneering contributions when he received the Society of Critical Care Medicine's Lifetime Achievement Award.

One of Dr. Fink's greatest legacies, however, was his commitment to the "next generation". As a surgical scientist, he mentored countless residents, fellows, visiting surgeons, and graduate students. He was always willing to talk about science, help with experimental design and interpretation, give thoughtful advice, and a nudge when needed. Remarkably, Dr. Fink had no ulterior motives to his mentoring – he truly just cared about the science and the young person who was trying to be a scientist. He was the quintessential scientific mensch. I count myself extremely blessed to have been a surgical resident in his lab and am eternally grateful his passion for science ignited my own research career.

Submitted by Dr. Carrie Sims

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We all belong to different societies, but obviously Shock is very important to us all.

So the question is WHY the Shock Society?

- *For me it's because it's where the rubber meets the road for translational science... but I actually LEARN things at Shock, things I can use in my research practice (as opposed to my*

clinical practice). It also provides an opportunity for true mentorship.

Philip A. Efron, MD, FACS, FCCM

- *Did you know that death by bleeding-out destroys more life-time, than any cancer or heart disease, combined? What could we do?*

Anirban Banerje, Ph.D.

- *When I attended my first Shock Society meeting almost 2 decades ago I was struck and thrilled by the Society's commitment to fostering functional interactions between scientists and physician-scientists involved in basic, translational and clinical research. The Shock Society is truly a multidisciplinary scientifically oriented society - a paradigm for promoting collaborative clinically-relevant bench-bedside research."*

Judith Hellman, M.D.

- *Why shock? A major unmet medical need that needs our best science.*

Yoram Vodovotz, Ph.D.

- *Understanding the pathophysiology of injury, inflammation, shock, sepsis, and low flow conditions*
- *The prevention and treatment of injury, shock and low flow conditions*
- *Having discussions at breakfast, lunch, and dinner in a casual atmosphere*
- *Recognizing and promoting both the clinical and basic science members by alternating the Presidency, Council, and the Program Chair position between them, and*
- *Promoting young basic science and clinical investigators by granting travel awards and having a session solely devoted to "New Investigators Award Competition" and awarding the winners not only cash prizes but also plaques*
- *Providing mentoring service to young investigators by senior society members*
- *Promoting Junior Faculty and Post-Doctoral fellows by granting them grants and stipends*
- *Having a Presidential fun run that is composed of young, mid-range and senior investigators including previous Past Presidents and other Officers of the Society.*

Irshad H. Chaudry, Ph.D.

Tell us WHY is the Shock Society important to you?

[Please share here.](#)

Shock Society Council and Committees

2015-2016

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Basilina Zingarelli, MD, PhD (2016)

Robert Cooney, MD (2017)

Charles Lang, PhD, President (2018)

Irshad H Chaudry, PhD, Editor, SHOCK

Marc Jeschke, MD, Program Chair (2016)

Michael Karlstad, PhD, Publications Chair (2016)

Yoram Vodovotz, PhD (2016)

Anirban Banerjee, PhD (2017)

Celeste Finnerty, PhD (2018)

Judith Hellman, MD (2018)

Saman Arbabi, MD (2019)

Melanie Scott, MD, PhD (2019)

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Laurie Kilpatrick, PhD

Alex Lentsch, PhD

Saman Arbabi, MD

Andrew Cap, MD, PhD

Basilina Zingarelli, MD, PhD, Past President

Robert Cooney, MD, Past President

Charles Lang, PhD, Past President

Peng Lu, MD

Diana Pang, MD

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David L. Williams, PhD

Daithi Heffernan, MD

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Megan Brenner, MD

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Ping Wang, MD

Lorrie Langdale, MD, ad hoc

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Laboratory Animals Issues Committee

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Charles Lang, PhD
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Basilgia Zingarelli, MD, PhD, Senior Advisor
Irshad Chaudry, PhD, Senior Advisor

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