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# Shock Society

Fall Newsletter  
2016

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## **President's Message**

by Ping Wang, MD

As your incoming president, it was my great pleasure seeing everyone in Austin, Texas this past June. I would like to take this opportunity to express my sincere appreciation to Marc Jeschke and his committee members for a super Annual Conference on Shock. I would also like to thank our membership for your enthusiastic participation to this successful meeting. The Shock Society received 329 abstract submissions and we had 440 registrants representing 10 countries. Both are record high for non-international shock meetings. We will do our utmost to surpass this achievement in 2017 and beyond. Clifford Deutschman, scientific program chair for 2017 meeting, has been working hard organizing sessions and inviting speakers for our meeting in Fort Lauderdale, Florida. We look forward to another successful shock conference next year.

This is the second year since we changed our management team to FASEB. Rosemary Kozar, the immediate past president, worked tirelessly with the FASEB team during last year. Rosemary spent countless hours with emails and phone calls to strengthen the working relationship. I would like to thank Rosemary for her leadership and wisdom during the past year. It has been a pleasure to work with and learn from her. I would also be remiss if I did not thank our business manager Serena Weisman and her team from FASEB for all they've done.

Next year, the Shock Society will celebrate its 40<sup>th</sup> birthday. Like all of you Shock Society members, I have immensely benefited from the Shock Society since 1989 when I first attended the annual meeting. I have witnessed the significant growth of our society over more than two decades, due

largely to the stellar leadership of past presidents and scientific contribution of the membership. For these, we are very grateful. In the coming year, the Executive Council will work hard to focus on the strategic plan for the next five and ten years. To facilitate this process, I have appointed an ad hoc committee, the Strategy Committee chaired by Marc Jeschke. Marc and his team have already started working on strategic planning. We will also need your help! Please email me at [pwang@northwell.edu](mailto:pwang@northwell.edu) or call me at 516-562-1017 with your ideas, questions or suggestions. Working together, we will continue to strengthen the Shock Society and make it what you want it to be, a continued success!

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## **President-Elect's Message**

by Timothy Billiar, MD

*I am grateful to the membership to have this opportunity to serve this society as President-Elect. The Shock Society has been an important part of my professional career for nearly 3 decades. I am committed to assuring that it remains the leading organization in the shock field. In the coming year, I look forward to assisting President Ping Wang as he advances a strategic plan to assure the society's continued success.*

*Broad participation in the society's mission by the membership is an important part of its vitality. One of my roles between now and the annual meeting in June 2017 will be to identify members motivated to serve on one of its many committees. I would encourage members interested in committee participation to contact me in the Spring of 2017 to express their interest (email: [billiartr@upmc.edu](mailto:billiartr@upmc.edu)). In the meantime, best wishes for a healthy and fruitful academic year.*

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**40th Annual Conference on Shock**  
Marriott Harbor Beach  
Fort Lauderdale, Florida  
June 3 - 6, 2017





## **2017 Program Chair**

by Clifford S. Deutschman, MD

The keynote speaker for the 2017 meeting will be Chad Bouton, Head of Center for Bioelectronic Medicine at the Feinstein Institute for Medical Research and VP for Advanced Engineering at Northwell Health. Chad has developed neural decoding methods that have allowed him to use sensors implanted in the motor strip to sense patterns associated with voluntary movement and then use the presence of these patterns to stimulate functional movement in patients with long-standing quadriplegia. His paper "Restoring cortical control of functional movement in a human with quadriplegia", published in the April 13th issue of Nature (Nature 2016 Apr 13; 533(7602): 247-50, doi: 10.1038/nature17435) has generated extensive interest, including more than 30,000 views on the Nature webpage, and has been picked up by 275 news outlets. Its Altmetric score of 2405 ranks it 8th of 232,917 tracked articles of similar age in all journals. The work has been featured on 60 Minutes and has been the subject of a TEDx talk (<https://www.youtube.com/watch?v=BPI7XWPSbS4>).

The meeting will also feature a panel focusing on how the changing landscape will affect many aspects of research, for example, determination of the impact of a manuscript/research finding, the conduct of peer review, searching the exponentially expanding literature, the allocation of key determinants of research productivity (non-clinical time, research space, etc). Additional highlights should include a discussion of the ever-evolving interface between investigators, academic entities, industry, and government and a Mock Study Section conducted by some of our friends from the NIH.

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## **Awards & Honors Committee**

by Weng-Lang Yang, PhD

At the 39<sup>th</sup> Annual Conference on Shock in Austin, Texas, the Awards and Honors Committee presented Travel Awards to a total of 44 recipients, including six New Investigator Awards and six Presidential Travel Awards. The first place winner of the 2016 New Investigator Award is Diego F. Niño from Johns Hopkins University School of Medicine.



2016 New Investigator Awardees



Diego F. Niño



2016 Travel Awardees

*The Committee would also like to congratulate the following 2016 award winners:*

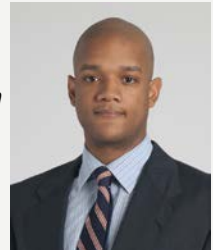


*Faculty Early Career Research Award: Matthew J. Delano, MD, PhD, University of Michigan Medical School (Mentor: Peter A. Ward, MD). He will receive \$83,000 for two years with \$3,000 dedicated for travel to the Shock Society Annual Meetings.*

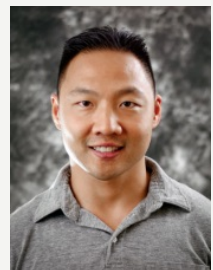


*Research Investigator Fellowship: Qian (Katie) Sun, PhD, University of Pittsburgh School of Medicine (Mentor: Melanie Scott, MD, PhD). She will receive \$22,000 for one year with \$2,000 dedicated for travel to the Shock Society Annual Meetings.*

*Shock-Department of Defense Postdoctoral Fellowship at the Navy Medical Research Unit San Antonio: Louie Hendricks, MD, The Feinstein Institute for Medical Research.*



*Shock-Department of Defense Postdoctoral Fellowship at the United States Army Institute of Surgical Research: Tony Chao, PhD, University of Texas Medical Branch at Galveston.*





Scientific Achievement Award: Kevin J. Tracey, MD, The Feinstein Institute for Medical Research.



Distinguished Service Award: Lorrie A. Langdale, MD, University of Washington School of Medicine.

If you are interested in applying for research awards or fellowships, please visit <http://shocksociety.org/Home/Awards.aspx> for details and instructions.

To all Shock Society members: Please nominate candidates for the Scientific Achievement and Distinguished Service Awards by submitting a CV and letter of support to Dr. Weng-Lang Yang ([wlyang@northwell.edu](mailto:wlyang@northwell.edu)), Chair of Awards and Honors Committee, by December 1, 2016.

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### **Publication Committee Report**

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

The Publications Committee was excited about the new opportunity created this year to encourage future manuscript submissions to the SHOCK journal from travel awardees. For winners of "Travel Awards" to the 2016 Shock Society Meeting, publication page charges and one figure color charge was waived if your first authored manuscript was submitted for consideration of publication in SHOCK within two months of the meeting (final manuscript receipt date: August 14, 2016). The publication fees were also waived for the recipients of the New Investigator Awards. This new program resulted in the submission of eight manuscripts (two from Travel Award Winners (Max Seaton and Allison Steele) and six from New Investigator Award Winners (Diego Nino, Abdikarim Abdullahi, Shizuka Kashiwagi, Naeem Patil, Cindy Cen, and Dzmitry Matsiukevich) of which six have been accepted for publication and two are pending re-review. These authors saved between \$385 and \$1355 on publication charges. The total cost waived was \$4745. We thank those award winners who chose to publish their award winning work in SHOCK.

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## **Internet Committee**

by Melanie Scott, PhD

*A Change Is Gonna Come...*

*It's been a long time coming, but a change is gonna come...to the website. The newly reformed internet committee is now working hard to make some much-needed updates to the Shock Society website. We hope that you will see some of the changes soon, so keep a look-out. Our aim will be to modernize the overall look of the site, as well as make things easier to read and access on the mobile technology we all seem to use most often now. Over the next few months we will work on updating content as well as the overall look of the website. We are also working on updating our social media presence. We have a new facebook page and twitter account set up, and LinkedIn will be coming shortly. We will soon start posting on these, so please "like" us and follow us to make sure you keep up with all the latest Shock society happenings.*

*So you can see that we have some ideas that we are working on already, but we would love to hear from all of you about what you would like to see changed, added or updated. Feel free to give us some feedback and suggestions (especially if you like what you are seeing). You can contact Serena Weisman ([SWeisman@faseb.org](mailto:SWeisman@faseb.org)) or me (Melanie Scott, [scottm@upmc.edu](mailto:scottm@upmc.edu)) to let us know what you think about all things website and social media.*

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## **Ad Hoc Strategic Committee**

by Marc Jeschke, MD, PhD

*I had the honor to be appointed by President Wang to serve as the Chair of the Ad Hoc Strategic Committee for the Shock Society. The mission of this Strategic Committee is to outline the future and the strategic plan of the Shock Society and to ensure the future sustainability in leadership of the Shock Society. The membership is composed of senior leadership from Shock Society as well as junior admit level with all specific functions. We will look into the mission and the vision of Shock Society in its' entirety and we will deliver over the next 3 years a strategic plan and recommendations how the Shock Society will ensure its' sustainability and success. Please support us with any thoughts about the future as well as sustainability for this important endeavor.*

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## **Editor-in-Chief, SHOCK**

by Irshad H Chaudry, PhD

*I am indebted to all the authors who have contributed their outstanding work to the journal. I also thank 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 grateful to the Associate Editors and to the Editorial Board members who continue to take time from their busy schedules to write "What's New in Shock?" in each issue of the journal.*

*The current impact factor for SHOCK is **3.048**. I know that with your help and support, the impact factor of the journal can and will be further increased.*

*Aside from the Annual Shock Society Meeting Supplement, we are publishing three additional supplements this year.*

*The first is the "2016 Military Supplement" which has been published and was mailed with the September issue to the subscribers. The Guest Editors for this Supplement were: Anthony E. Pusateri, Michael A. Dubick, and Crystal D. Hill-Pryor who worked very hard to solicit a significantly larger number of submissions compared to the "2015 Military Supplement".*

*Another Supplement to be mailed in October is for the "Eighth Congress of The International Federation of Shock Societies". This meeting will be held in Tokyo, Japan on October 3-5, 2016.*

*We are in the process of finalizing yet another Supplement, "Proceedings of the XII International Sepsis Symposium, San Paulo, Brazil". The Guest Editors for this Supplement are Drs. Reinaldo Salomão, Flavio Freitas, and Fernando Zampieri and this Supplement will be mailed towards the end of this year.*

*Drs. Charles Hinds, Kevin McConnell, and Jean-Francois Pittet have stepped down from the editorial board due to other commitments. I thank them sincerely for the valuable help and support of the journal. We will be recruiting additional editorial board members in the near future.*

*I wish to also express my sincere thanks to: Connie Weldon for continuing to provide tremendous help in all facets of the journal, John Ewers, Rosemary Hutzler, and Kathy Pajuelas, at Wolters Kluwer, for their continued help in all regards to the journal, SHOCK.*

*I am again requesting our member's suggestions for improving any facet of our journal. Please e-mail your suggestions to me at [shock@uabmc.edu](mailto: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 fall and winter season.*

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**Marcin Osuchowski, MD and Yoram Vodovotz, PhD**  
2016 Presidential Fun Run



*The Presidential Fun Run gets more...well, different!*

*Note: The opinions of this piece are those of Drs. Osuchowski and Vodovotz alone and not those of the Shock Society or its members. In addition, the Shock Society Executive Council does not officially condone their writings...they did chuckle though*

*This year has been one of major dissatisfaction in the U.S. We are talking, of course about the pervasive feeling that, after two decades of futile attempts to organize a professional and successful Presidential Fun Run, a change was needed.\* While both former U.S. Shock Society presidents, Dan Remick and Mark Clemens, defended their prior records as "...pretty good, actually" and "...look, I did better than Dan", the membership of the Shock Society could not be suppressed and demanded change. After a hard-fought campaign, including many sessions in "smoky back rooms" at "a university in Pittsburgh," and given the fears of "exit" of "some European people," a new international team of two individuals, Yoram Vodovotz (USA) and Marcin Osuchowski (Poland) were tasked with re-imagining the Fun Run. However, what at first appeared as a magnanimous decision aimed at*



*addressing the legitimate concerns of the membership (e.g., "the course was too long", "was there a course?" and "I think I lost my mentor somewhere around the third turn"), there were whiffs of a more sinister agenda. The new organizers appear to be even less qualified than the previous ones. Indeed, murmurs such as "was that some guy from Dr. Who, or Leatherface from The Texas Chainsaw Massacre that was at the turnaround point?" and "...John Marshall, really?" marred the otherwise cool new T-shirt designed for race marshals. The fact that the 2016 Fun Run in*

*Austin ended without injuries (and casualties) and/or missing participants, despite the record number of registered runners (n=109), may simply have been beginners luck at the first Fun Run edition under new management. Will such luck strike twice? Come to the Fun Run in Fort Lauderdale, FL, next year to find out!!*

*Marcin and Yoram*



*\*Actually, the Fun Run has been a great success since its inception! We wish Drs. Clemens & Remick a happy retirement from organizing this crazy event. Thanks for leaving us with a great tradition.*



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