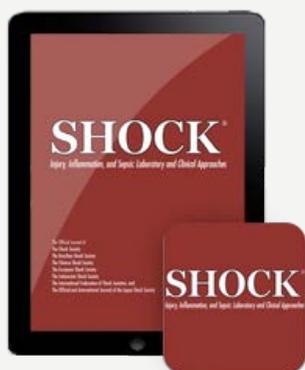




# Shock Society

Spring Newsletter  
2017

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## **President's Message**

by Ping Wang, MD

This year marks the 40<sup>th</sup> anniversary of the Shock Society, a significant milestone to be celebrated. It is a time to look back and reflect on all that we have accomplished. It is also an opportunity to look to the future and plan what more we shall achieve.

We recognize the dedication of Irshad Chaudry, founding member and past president, to the Shock Society in the United States and around the world. This year we established the Chaudry International Award, which provides travel support for one young investigator outside of the United States to attend our annual meeting.

Our society keeps growing. During last year's annual meeting, we reached a record number of abstract submissions with more than 300 received. The momentum carried over into 2017, and this year more than 300 abstracts will be presented during the upcoming meeting June 3-6 in Fort Lauderdale, Florida. Clifford Deutschman, our Scientific Program Chair, and his committee have assembled an excellent program, which is sure to inspire and energize us all about new scientific thinking in the study of trauma, hemorrhage, and sepsis. Marc Jeschke, Strategy Committee Chair, has taken the lead to open a dialogue with the Surgical Infection Society (SIS), and we are exploring the potential for joint annual meetings in the future.

I appreciate all the colleagues who have helped me this year. It is a great pleasure and an honor to work with you all. The immediate past president Rosemary Kozar put tremendous effort into paving

the way for the transition of our society management work to the FASEB team led by Serena Weisman. The executive council members and committee chairs dedicated their time and energy to optimize the function and efficiency of the Shock Society. I will continue to devote myself to the success of the Shock Society as your past president after the annual meeting in June.

The Shock Society has not only helped me immensely with my research career, but has also provided the opportunity to connect with other researchers and develop life-long friendships. I wish the very best for the Shock Society on its 40<sup>th</sup> anniversary and for many years to come. I am looking forward to seeing you all in the Florida sunshine in early June!

Soon I will pass the torch to President-Elect, Timothy Billiar, a well-respected investigator in shock and inflammation research and an experienced leader in many societies and organizations. I strongly believe that Tim will further advance the Shock Society over the next year.

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

by Timothy Billiar, MD

It has been a pleasure to work with President Ping Wang this past year as he has guided our society to new heights. Beginning with last year's record setting meeting in Austin and followed by the opening of a new era in the Society's history through the developing relationship with Surgical Infection Society, President Wang has guided the Shock Society with wisdom and vision.

The annual meeting in Fort Lauderdale, FL from June 3<sup>rd</sup>-6<sup>th</sup> promises to be a remarkable scientific and social experience. Cliff Deutschman and the Program Committee have organized an outstanding cutting edge program. This year we will celebrate the 40<sup>th</sup> anniversary of the founding of the Shock Society and it is rewarding to see that the Society has become the premier venue for the presentation of the most important advances in shock and sepsis research. The involvement of the members, especially the next generation of shock researchers, is essential to the vitality of our society and research field. I encourage those interested in serving on committees to contact me this spring in advance of the meeting ([billiartr@upmc.edu](mailto:billiartr@upmc.edu)). I also encourage all members to attend this year's meeting in Fort Lauderdale. Do not miss this opportunity be a part of the exciting advances in the fields of trauma and sepsis.

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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 program for the upcoming annual meeting of our society promises to be quite exciting. We plan a series of presentations, panels and lectures focused on both new and intriguing aspects of shock research and on topics of long-standing interest to our members. From a record number of abstracts we have selected 19 that were identified by the program committee as particularly meritorious for presentation in two stand-alone sessions. Based on their quality and content, an additional 14 have been selected to accompany the plenary lecture symposia. These sessions focus on mitochondrial dysfunction, traumatic brain injury, the gaseous mediators carbon monoxide and hydrogen sulfide, inflammation and injury in children, lung injury, and sepsis survivors. Four other sessions merit special mention. Based in part on the 2017 Wiggers-Bernard conference hosted by Marcin Osuchowski, a panel will examine how our current animal models of sepsis might be improved, in part to provide a more relevant model for human sepsis, thus facilitating translation. Innovative approaches to shock research will identify state-of-the-art techniques that could prove particularly beneficial. And, as has become our tradition, presentations by recent research fellowship recipients and the New Investigator competition will highlight the exciting work of individuals at the beginning of their research careers, providing a window into a very promising future. Of course, three stand-alone poster sessions will provide the opportunity for in depth discussion of recent work and our incoming president, Tim Billiar, from the University of Pittsburgh Medical Center, will share his thoughts in the annual Presidential Address.

But we hope that the highlight of this program will be provided by our Keynote Speaker, Chad Bouton, Director of the Bioelectric Medicine program at the Feinstein Institute. Chad is an engineer whose work has focused on decoding signals generated by nerves in the brain and the periphery, and using these signals to both understand pathobiology and direct intervention. Chad's recent paper in *Nature* (<http://www.nature.com/nature/journal/v533/n7602/full/nature17435.html>) highlighted his use of decoded signals from the motor strip to initiate the restoration of volitional motor activity in an individual with long-standing quadriplegia. This remarkable work has been further extended and improved; in his address, Chad will share the very latest results in this remarkable work. We look forward to seeing everyone in Ft Lauderdale in June.

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## **Awards & Honors Committee**

by Weng-Lang Yang, PhD

This year Annual Meeting, we have received 116 abstracts that applied for the travel awards. Committee members worked very hard to review and grade these abstracts. Among the high quality of the abstracts submitted this year, we will select 1 for Chaudry International Award, 5 New Investigator Awards, 5 Diversity Enhancement Awards, and 37 Travel Awards. All awardees will be recognized at the Award Night Dinner on Sunday June 4, 2017 at the Annual Meeting.

The Shock Society also provides fellowships and research grants to support the investigators at their early career stage in studying the research areas related to trauma, shock and sepsis, including:

- **Shock Society-Department of Defense (DoD)-Battlefield Health and Trauma Fellowship in San Antonio**
- **Research Investigator Fellowship**
- **Faculty Research Award**

**Deadline extended to April 15th - Apply Now at!** <http://shocksociety.org/sAward.aspx>

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## **Nomination Committee Report**

by Rosemary Kozar, MD, PhD.

Just a friendly reminder that elections are open until April 17<sup>th</sup>, so PLEASE VOTE. This is your society, so take a minute and cast your ballot for our outstanding candidates.

The following is this year's slate:

For the position of PRESIDENT (2018 term)

- Michael D. Karlstad, Ph.D.
- Elizabeth J. Kovacs, Ph.D.

For the position of Councilor - Clinical (2017-2020 term)

- Wei Chao, M.D., Ph.D., FAHA
- Carrie Sims, M.D, Ph.D

For the position of Councilor - Basic Science (2017-2020 term)

- Shibani Pati, MD. Ph.D
- Hiroshi Saito, Ph.D.

For the position of Program Chair (2020 term)

- Efron, Philip A., MD, FACS, FCCM
- Paul Wischmeyer, M.D., E.D.I.C.

Click [HERE](#) to learn more about the candidates and to vote simply use the personal link in the emails that have been sent to you. Please remember, you must be a current member to

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## **Ad Hoc Strategic Committee**

by Marc Jeschke, MD, PhD

The strategy committee is currently working on the planning of a combined meeting between Shock and the Surgical Infection Society (SIS). With support from council and membership we will plan our first combined meeting in 2019. The vision for the meeting is a day or two overlap between both societies. We hope that this combined meeting will be a success for both societies raising interest, attendance, and the quality of clinical, clinical translational, and basic science presented at the meeting.

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## Editor-in-Chief, SHOCK

by Irshad H Chaudry, PhD

I wish to express my sincere thanks and gratitude to all the authors who have contributed their outstanding work to the journal. I also am indebted 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 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.

Each year the journal continues to receive more manuscripts than the previous year, and this was also the case in 2016.

In 2017, we have published one Supplement thus far: "*Proceedings of the XII International Sepsis Symposium, San Paulo, Brazil*". This supplemental issue was mailed with the January 2017 issue of **SHOCK**. As usual, we will be publishing the Annual Shock Society meeting supplement with the June issue of **SHOCK**.

We have had several editorial board members step down, due to other commitments. Those members were: Drs. David Chaplin, James Cook, Daniel Meldrum (effective June 1, 2017), Cora Ogle, and John Younger. Dr. Charles Hinds has retired and Dr. Alden Harken plans to retire May 1<sup>st</sup>. I sincerely thank them all for the valuable help and support of the journal.

We are fortunate to have recruited new editorial board members and they are: Drs. James Collier, Jurandir Dalle Lucca, Roy Goldfarb, Masao Kaneki, Takashi Kawasaki, Manabu Kinoshita, Liangming Liu, Kieran McCafferty, Satoshi Ono, Hiroshi Saito, Steven Schwulst and Eizo Watanabe.

Also, we have added two new Associate Editors – Drs. Thomas Scalea from Baltimore, MD and Yong-Ming Yao from Beijing, China. I welcome the new Associate Editors and the journal will benefit further with their help and expertise.

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, Anna Butrim, 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 spring season of 2017.

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## **International Relations Committee Report**

by Basilia Zingarelli MD, PhD

Dear Members of the Shock Society,

I would like to take this opportunity to provide a summary of the 8th Congress of the International Federation of Shock Societies (IFSS), which was held in beautiful Tokyo, October 3-5, 2017. The US Shock Society was particularly honored to participate in the program activities and to interact with the members of the other Societies of the International Federation. In this regard, the US Shock Society would like to thank the Past President of the IFSS, Dr. Hiroyuki Hirasawa, and the organizer of the meeting, Dr. Masao Miyashita, for their generous hospitality and outstanding scientific program. Over 200 participants from 21 countries participated in the meeting, many of which shared their data in either an oral presentation or during the guided poster walks. Fifteen young researchers received a travel award, granted by the IFSS, which helped them to attend this meeting. The IFSS Council was pleased to welcome the incoming President Dr. Soheyl Bahrami from the Ludwig Boltzmann Institute of Vienna (Austria) and the President-Elect Dr. Yong-Ming Yao from the First Hospital Affiliated to the Chinese PLA General Hospital of Beijing (China). The involvement and synergy created by this alliance with other Shock Societies has been crucial to advocate for initiatives impacting research and clinical care in shock and trauma worldwide. This year will be particularly challenging for some of our international colleagues to attend our US annual meeting. As we strive to stay true to our Mission, Vision and Goals, I encourage you to continue networking and establish collaborations with our colleagues around the world. Contact information of IFSS officers and representatives can be found in the IFSS webpage (<http://www.shocksocieties.org/international>).

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## **Mentorship Committee Report**

by Deborah Carlson, MD

The mentorship committee has been very busy planning for the upcoming Shock meeting in June. Our first session will be the annual New Investigators Workshop from 7- 9 PM on Saturday, June 3, 2017. The focus this year will be a grant-writing workshop developing skills for the specific aims and scientific approach grant sections. We will also be hosting a luncheon again this year where we will be focusing on what grant reviewers and SRO's are looking for in grants and how they can be of help to young investigators. Both sessions offer New Investigators the opportunity to learn valuable skills from established investigators as well as the chance to meet one on one and ask direct questions. Please plan to attend and we look forward to seeing you at the meeting!

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**Shock Society Council and Committees**

2016-2017

### **COUNCIL**

Ping Wang, MD, President (2017)  
Timothy R. Billiar, MD, President-Elect (2017)  
Philip Efron, MD, Secretary (2018)  
Charles E. Wade, PhD, Treasurer (2019)  
Irshad H Chaudry, PhD, Editor, SHOCK  
Clifford S. Deutschman, MD, Program Chair  
(2017) Robert Cooney, MD, Past President (2017)  
Charles Lang, PhD, Past President (2018)  
Rosemary Kozar, MD, PhD, Past President (2019)  
Anirban Banerjee, PhD (2017)  
Celeste C. Finnerty, PhD (2018)  
Judith Hellman, MD (2018)  
Saman Arbabi, MD (2019)  
Melanie J. Scott, MD, PhD (2019)  
Jennifer M. Kaplan, MD (2020)  
Joseph L. Messina, PhD (2020)  
Michael Karlstad, PhD (2018)

### **STANDING COMMITTEES**

#### **Awards and Honors Committee**

Weng-Lang Yang, PhD, Chair (2018)  
Laurie Kilpatrick, PhD (2018)  
Alex Lentsch, PhD (2018)  
Saman Arbabi, MD (2018)  
Andrew Cap, MD, PhD (2019)  
Xianzhong Meng, MD (2020)  
Qian (Katie) Sun, PhD (2020)  
Robert Cooney, MD, Past President (2017)  
Charles Lang, PhD, Past President (2018)  
Rosemary Kozar, MD, PhD, Past President (2019)

#### **Diversity Committee**

**Chuanfu Li, M.D, Chair (2019)**  
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Megan Brenner, MD (2018)  
Louie B. Hendricks, MD (2019)  
Hongkuan Fan, PhD, Past Chair (2017)

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Charles Lang, PhD (2019)  
Rosemary Kozar, MD, PhD (2020)  
Tina Palmieri, MD (2018)  
Irshad H. Chaudry, PhD

#### **Membership Committee**

#### **Development Committee**

Wei Chao, MD, PhD, Chair (2017)  
Daithi Heffernan, MD, Co-Chair (2018)  
Clifford S. Deutschman, MD, ex-officio (2017)  
Steve Wolf, MD (2018)  
Rosemary Kozar, MD, PhD (2019)  
Hongkuan Fan, PhD (2019)

#### **Finance Committee**

**Charles E. Wade, PhD, Chair (2019)**  
Charles Caldwell, PhD (2017)  
Timothy R. Billiar, MD (2017)  
Luis Ulloa, PhD (2019)  
Michaela West, MD, PhD, ad hoc (2019)

#### **Laboratory Animals Issues Committee**

**Shibani Pati, MD, PhD, Chair (2018)**  
Narayanan Parameswaran, PhD (2017)  
Scott Brakenridge, MD (2019)  
Ping Zhang, MD, PhD (2020)

#### **Mentorship Committee**

**Teresa Zimmers, PhD, Chair (2017)**  
Timothy Pritts, MD, Co-Chair (2018)  
Guirong Wang, PhD (2019)  
Marc Hanschen, MD (2019)  
Wei Chao, MD, PhD, Past Chair (2017)

#### **Nominating Committee**

**Charles Lang, PhD, Chair (2016)**  
Robert Cooney, MD  
Basilgia Zingarelli, MD, PhD  
Timothy Buchman, PhD, MD

#### **Rules Committee**

**Rosemary Kozar, MD, PhD, Chair (2020)**  
Charles Lang, PhD (2019)  
Robert Cooney, MD (2018)  
Basilgia Zingarelli, MD, PhD (2017)

#### **Internet Committee**

**Melanie Scott, MD, PhD, Chair (2019)**  
Matt Delano, MD, PhD (2019)  
Qian (Katie) Sun, PhD (2019)  
Tony Chao, PhD (2019)

**Deborah Carlson, PhD, Chair (2017)**  
David L. Williams, PhD, Co-Chair (2019)  
Carrie Sims, MD (2018)  
Jennifer Kaplan, MD, Past Chair (2017)  
Richard Hotchkiss, MD (2017)  
Alfred Ayala, PhD (2018)  
Basilgia Zingarelli, MD, PhD, Senior Advisor  
Irshad Chaudry, PhD, Senior Advisor

#### **Publications Committee**

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Elizabeth Kovacs, MD  
Robert Barbee, PhD  
Martin Schreiber, MD

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Chhinder Sodhi, PhD (2018)  
Kevin Mollen, MD (2018)  
Laurie Kilpatrick, PhD, Chair (2019)  
Anthony Pusateri, PhD (2019)  
Barbara Sherry, PhD (2019)  
Jeyaseelan (Jey) Samithamby, DVM, PhD (2019)

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