



## Shock Society Newsletter

Spring 2013



**Robert N. Cooney, MD.**  
**President-Elect**

Greetings to the Shock Society membership! As we prepare for our annual meeting this June it is hard to ignore all that's going on around us in the world. The damage inflicted by hurricane Sandy, the reelection of President Obama as well as the uncertainties related to the European economy, the fiscal cliff and the sequester will inevitably impact all of us in different ways. I can assure you the Shock Society Council is well aware of the financial pressures faced by the shock research community and is committed to doing what we can to minimize any additional costs related to attending the national meeting.

Maintaining a financially affordable meeting that everyone can hopefully attend has been a priority in the society for several years. In addition, this year we will continue to offer up to forty travel awards to support participation in our annual meeting. There are increased costs associated with having the annual meeting in San Diego, CA. However, given the current fiscal environment Council voted not to raise the registration fees for this year's meeting. Despite these uncertain times, you can rest assured the 36<sup>th</sup> Annual Conference on Shock will be as exciting and successful as ever.

As I began preparing for my term as president of the society and upcoming presidential address I read through the mission statement of the Shock Society "to improve the care of victims of trauma, shock and sepsis, through: promoting research in the biology of trauma, shock and sepsis, providing a multi-disciplinary forum to integrate and disseminate new knowledge in these areas, and promoting the education and mentoring of the next generation of investigators prepared in trauma, shock and sepsis".

I believe we are well positioned to meet these objectives and would like to thank the membership for submitting so many outstanding abstracts to this year's meeting. The number of abstracts submitted was the highest in recent years and suggests the science will be as good as ever this year. I urge you to review this year's program which is available on line ([click here](#)). I would also like to congratulate Ping Wang and the program committee for their outstanding job in putting together a truly superb meeting. The sessions cover a wide range of research and clinically important topics designed to advance our knowledge of shock pathophysiology and patient care. I look forward to the plenary sessions and New Investigator Award competition every year. In addition, I believe the Pro and Con sessions on rodent vs. human models and the use of tranexamic acid in massive transfusion resuscitation protocols will be especially exciting debates as well.

I would like to encourage all members to vote in this year's election if haven't done so already. I would also like to acknowledge and thank Dr. Basilia Zingarelli for her many contributions to our society as a recent treasurer, council member and president this year. We are extremely fortunate to have so many talented, dedicated members. I look forward to working with all of you in the coming year to facilitate the goals of our organization. Please feel free to contact me directly ([rcooney@upstate.edu](mailto:rcooney@upstate.edu)) if you are interested in becoming more involved with the society through committee membership or in other ways. I look forward to seeing all of you in sunny San Diego in June.





**Ping Wang, M.D.**  
**2013 Program Chair**

With great pleasure we invite all of you to attend the 36<sup>th</sup> Annual Conference on Shock on June 1-4, 2013 in San Diego, CA. We put together an exciting program aimed to provide latest perspectives in the mechanism and therapeutics of injury related to shock, sepsis, and ischemia-reperfusion injury. The program includes plenary and parallel symposia on topics that cover new and ongoing studies in shock research.

We are pleased to announce that Dr. Kevin Tracey from the Feinstein Institute for Medical Research will present the keynote address entitled “**Reflex integration of Inflammasome Responses**”. Dr. Tracey is a pioneer in inflammation research and will share with us his expertise in the mechanism of integration of the nervous system in controlling the immune responses. The Presidential Address will be delivered by our President-Elect, Robert N. Cooney, MD. Dr. Cooney will offer his insight on the prevention of multiple systems organ failure.

**Inflammatory Mediators: History and Perspectives**, co-chaired by Alfred Ayala, PhD and Craig M. Coopersmith, MD. Speakers include Clifford S. Deutschman, MD, Melanie J. Scott, MD, PhD, Weng-Lang Yang, PhD, Michelle J. Henry-Stanley, PhD, Charles H. Lang, PhD, Philip A. Efron, MD, Xianzhong Meng, MD, PhD, and Kevin W. McConnell, MD. The presentations will focus on inflammation and mediators in laboratory and clinical settings, newly-discovered mediators, microbial biofilms, myokines, innate immunity, and immune trafficking.

**A Pro-Con Debate: Is Rodent Model Relevant to Human Disease?** chaired by Irshad H. Chaudry, PhD. Speakers include Ronald G. Tompkins, MD, Richard S. Hotchkiss, MD, Lyle L. Moldawer, PhD, and James A. Lederer, PhD. These experts will conduct debates on an important issue - whether or not animal models reflect human inflammatory diseases. The value of model organism in shock and trauma research will be discussed.

**Tranexamic Acid (TXA) and Trauma Resuscitation**, co-chaired by Irshad H. Chaudry, PhD and Anthony Pusateri, PhD. Speakers include Todd Rasmussen, MD, Colonel, Ernest E. Moore, MD, Mitchell Cohen, MD and Anthony E. Pusateri, PhD. The presentations

will be centered on the use of TXA in trauma and its potential beneficial and negative effects of TXA. The knowledge gaps and important areas for research will be discussed.

**Plenary Abstracts**, co-chaired by Basilia Zingarelli, PhD, MD (President), and Robert N. Cooney, MD (President-Elect). Speakers are the oral presenters of the seven top-scored abstracts. In addition, four Parallel Symposia have been organized to discuss a broad range of topics. **Stem Cell Biology and Regenerative Medicine**, co-chaired by James A. Cook, PhD and Ping Zhang, MD, PhD; **Cytokine and Chemokine Regulation**, co-chaired by Barbara Sherry, PhD and Edward R. Sherwood, MD, PhD; **Microparticles, Inflammation and Shock**, co-chaired by Charles C. Caldwell, PhD and Marc Maegele, MD, PhD; and **Novel Anti-Infective Therapies**, co-chaired by Michael A. West, MD, PhD and David J. Hackam, MD, PhD. The topics of four mini-symposia are **Sepsis: Mechanism and Therapeutics, Trauma and Hemorrhagic Shock, Inflammation Signaling, and Ischemia-Reperfusion Injury**.

We will have a lunch session on **How to Advance Your Academic Career: Not Only for Jr. Faculty** with topics include “Advancing Your Career in a Large Academic Medical Center” by Timothy R. Billiar, MD, and “Developing an Academic Career in a Medical School Setting: Opportunities and Challenges” by David L. Williams, PhD. In addition to the traditional **New Investigator Competition**, this year we will have presentations from research fellowship recipients, Daithi Heffernan, MD and Wendy Walker, PhD.

I would like to thank Scientific Program Committee members for their hard-work and Mary Schuerman of Strategem for her exceptional support. We look forward to seeing you in San Diego!

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**Sanna Goyert, Ph.D.**  
**Secretary**

Hello all. I want to update you on several activities and business issues of the Shock Society.

Firstly, I want to congratulate Dr. Ping Wang and the program committee for putting together an exciting program for the 36<sup>th</sup> Annual Conference on Shock and I hope you are all coming! You can register on

the website. Save money and register early [early registration closes April 12 (cheapest)]. Also, reserve your hotel room **before** May 1, at which time the block of rooms will be gone! There is a shuttle from the airport to the meeting hotel (Sheraton San Diego Hotel & Marina), so no problems with transportation. For access to online registration and hotel reservations, go to the Shock Society website: <http://www.shocksociety.org>

Do not forget to **apply** for and/or encourage your colleagues to apply for the **Research Fellowship Award** for an Early Career Investigator. The deadline for receipt of applications is **April 1st, 2013**; see application instructions at this link: <http://www.shocksociety.org/research-fellowship>.

This award is to support a young investigator in the early stage of his/her career. Those with small R03 or R21 grants or CAP (no more than 3 years) are eligible but those with more experience are not eligible. Preference will be given for new and innovative research, basic or translational, in the area of trauma, shock and/or sepsis.

Also, I just want to mention that we are trying to interest Exhibitors in participating in our meetings. If you have any contacts with companies that you think might be interested, there is still time to get them involved in San Diego. Please contact the Chair of the Development Committee, David Herndon, M.D. ([dherndon@utmb.edu](mailto:dherndon@utmb.edu)) and/or send your contact to our meetings webpage where the guidelines for participation are described. <http://www.shocksociety.org/exhibits>

The next meeting will be the 37th Annual Conference on Shock, held at the Westin Charlotte in Charlotte, North Carolina, June 7 – 10, 2014 and the following year in 2015, the 38<sup>th</sup> Annual Conference will be held in Denver Colorado at the Grand Hyatt on June 6 - 9. Both meetings are on the Society website at <http://www.shocksociety.org/meetings>.

Also, please vote! Elections are open until April 30. Positions and candidates for voting include President elect (Wolfgang Junger, Ph.D. and Charles Lang, Ph.D.) Treasurer (Yoram Vodovotz, Ph.D. and Michael West, M.D., Ph.D.), Scientific Program Chair for 2016 (Marc Jeschke M.D., Ph.D. and Kevin McConnell, M.D.), Basic Science Councilor (Anirban Banerjee, Ph.D. and Deborah Stearns-Kurosawa, Ph.D.) and Clinical Science Councilor (Philip Efron, M.D. and Tina Palmieri, M.D.).

The Shock Society continues to work with Strategem for general management of the society, including meeting organization and planning. Bill Curreri and Mary Schuerman do a multitude of tasks to make these meetings possible and we thank them for their outstanding efforts.

Hope to see you in sunny San Diego!



**Lorrie Langdale, M.D.**  
**Treasurer**

I am happy to report that the Shock Society remains fiscally healthy. A detailed 2012 income and expense report will be provided to Council and the membership at the Annual Meeting in San Diego, California this June.

As of February 2013, the Society boasts approximately \$1.3 million in total assets. Our funds are distributed over three FDIC banking institutions in a single checking and three money market accounts plus a 3 year CD held in a fourth bank. Nearly two years ago, the Society agreed to invest \$250,000 in a mutual fund with a strict stop-loss strategy. While on paper we sustained 10-15% losses during the economic recession, we are nearly back to baseline and, assuming the market continues to thrive, should soon realize actual gains. Our strategic plan is to access gains as they accrue and utilize these toward travel and fellowship awards.

Income from the Journal continues to be our primary source of revenue, realizing approximately \$160,000 for 2012. Our primary expenses include our Strategem commitments, Journal subscriptions for members, and meeting costs. The International meeting last year was particularly expensive (though I am not really complaining as we reaped the benefits of a number of excellent speakers and the participation of our Shock Society partners around the world). Despite our fiscal health, we continue to look to our members for additional vendor contacts and support to offset our meeting expenses. If you know of companies that might be interested in a small, focused, scientific venue, please forward these to Dr. Zingarelli or Dr. Cooney.

This year marks the end of my tenure as Treasurer. It has been my honor and pleasure to serve as an officer in the Shock Society. The Society means a great deal to me and I am pleased to know that the

treasury will be in excellent hands (two fabulous candidates for the job – be sure to vote!).



**Irshad H. Chaudry, Ph.D.**  
**Editor-in-Chief, SHOCK**

I am pleased to inform you that the large backlog of manuscripts we had for publication has been processed and we can now have an accepted manuscript in print in a very short period of time. Having handled the large backlog, however, creates an added strain to have a sufficient number of quality papers needed for each issue. The number of manuscripts submitted by our members to *SHOCK* during the calendar year 2012 decreased compared to the number of submissions in the year 2011. I am hopeful we can reverse this trend in 2013. Thus, I need your help urgently and I would greatly appreciate it: 1) if the Shock Society members will submit more of their outstanding work to our official journal; and 2) if you will cite publications from *SHOCK* in your manuscripts submitted not only to our journal, but also to other journals, as that improves the impact factor for the journal.

I would like to express my sincere thanks and appreciation to all the authors, to the Associate Editors, to the Editorial Board members, and to the guest referees for their thorough and expeditious review of the manuscripts and for their tremendous help and support to the journal. I am also grateful to the Associate Editors and to the Editorial Board members who continue to take time from their busy schedules to summarize under the banner, "What's New in *Shock*?" in each issue of the journal. I am thankful to Connie Weldon and Dennis Campbell who have and continue to provide tremendous help in all aspects of the journal. My special thanks go to Mr. John Ewers, our Senior Publisher, and to Rosemary Hutzler, our Production Editor, Lippincott Williams & Wilkins (LWW), for their continued kind help pertaining to all aspects of publication.

I am pleased to inform you that the Publication Committee Chair, Dr Charles Lang, and the Committee approved the appointment of Ronald Maier and Patricia Molina as Associate Editors. The following individuals have agreed to serve on the Editorial Board of *SHOCK*, effective 2012 and some in 2013. These include: Luciano Cesar Pontes de Azevedo, Celeste Finnerty, Brian Fuller, Sanna

Goyert, Michelle Henry-Stanley, Yong Jiang, Lorrie Langdale, Lena Napolitano, Tina Palmieri, Melanie Scott, Deborah Stearns-Kurosawa, Wanchun Tang, Yong-Ming Yao, and John Younger. Timothy Buchman and Kevin Tracey have stepped down as Associate Editors of *SHOCK*. Nicole Gibran, David Hackam, Per-Olof Hasselgren, Carl Nathan, and Steve Opal have stepped down, and Steve Calvano is stepping down at the end of March after serving on the Board for many years. I wish to express my sincere thanks and appreciation to the Associate Editors and the Editorial Board members who have stepped down from the Board after providing extremely valuable service to the journal. I am deeply saddened to lose the outstanding support and help of Daniel Traber due to his untimely death. I will greatly appreciate receiving your suggestions for improving any aspect of our journal. Kindly e-mail your suggestions to me at [shock@uabmc.edu](mailto:shock@uabmc.edu). The Editorial Office of *SHOCK* and I thank all of the authors who have and who continue to submit articles to *SHOCK*. I wish each of our members a wonderful spring and summer.

#### **SHOCK SOCIETY - 2011 - 2012 COUNCIL**

Basilia Zingarelli, M.D., Ph.D., President (2013)  
Robert Cooney, M.D., President-Elect (2013)  
Sanna Goyert, Ph.D., Secretary (2015)  
Lorrie Langdale, M.D. Treasurer (2013)  
Mark Clemens, Ph.D., Past President (2013)  
Daniel Remick, Ph.D., Past President (2014)  
Timothy Buchman, Ph.D., M.D. (2015)  
Irshad H. Chaudry, Ph.D., Editor, SHOCK  
Ping Wang, M.D., Program Chair (2013)  
Charles Lang, Ph.D., Publications Chair (2015)  
Rosemary Kozar, M.D., (2013)  
Wolfgang Junger, Ph.D., (2013)  
Laurie Kilpatrick, Ph.D., (2014)  
Steven Wolf, M.D., (2014)  
Craig Coopersmith, M.D., (2015)  
Cynthia Otto, DVM, Ph.D. (2015)  
Yoram Vodovotz, Ph.D. (2016)  
John Younger, M.D., (2016)

#### **STANDING COMMITTEES**

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

Yoram Vodovotz, Chair (2013)  
Michael Dubick (2014)  
Charles Wade (2014)  
Perenlei Enkhbaatar (2014)  
Csaba Szabo (2014)  
Philip Efron (2015)

Jennifer Kaplan (2016)  
Mark Clemens, Past President (2013)  
Daniel Remick, Past President (2014)  
Timothy Buchman, Past President (2015)

**Development Committee**

David N. Herndon, Chair (2013)  
Ping Wang, ex-officio (2013)  
Ron Tompkins (2013)  
Carl Hauser (2013)  
Ed Deitch (2014)  
Charles Caldwell (2015)

**Finance Committee**

Lorrie Langdale, Chair (2013)  
David Herndon (2013)  
Robert Cooney, ad hoc (2013)

**International Relations Committee**

Daniel Remick, Chair  
Basilia Zingarelli  
Mark Clemens  
Irshad Chaudry  
Timothy Buchman  
Tina Palmieri

**Internet Committee**

Gary An, Chair (2012)  
Deborah Stearns-Kurosawa (2012)  
Edmund Neugebauer (2012)  
Yoram Vodovotz (2013)  
Irshad H. Chaudry, ex-officio

**Laboratory Animals Issues**

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Martijn van Griensven (2013)  
Kevin McConnell (2014)  
Penny Reynolds (2014)  
Narayanan Parameswaran (2015)

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Joseph Messina, Co-Chair (2014)  
Wei Chao (2015)  
Michelle Henry-Stanley, Past Chair (2013)

**Mentorship Committee**

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Jennifer Kaplan, Co-Chair  
Richard Hotchkiss  
Alfred Ayala  
Deborah Carlson  
Irshad Chaudry, Senior Advisor  
Daniel J. Bracket, Senior Advisor

**Nominating Committee**

Timothy Buchman, Chair (2016)  
Daniel Remick (2015)  
Mark Clemens (2014)

Basil Pruitt (2013)

**Publications Committee**

Charles Lang, Chair (2015)  
Celeste Finnerty (2014)  
Ping Wang (2013)

**Rules Committee**

Cynthia Otto, Chair (2013)  
Carrie Simms (2015)  
Rajesh Aneja (2015)  
Joshua Gatson (2015)

**Scientific Program Committee**

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Edmund Miller (2013)  
Charles Caldwell (2013)  
Michael West, (Chair 2014)  
Celeste Finnerty (2014)  
Judith Hellman (2014)  
Edward Sherwood (Chair 2015)  
Perenlei Enkhbaatar (2015)  
Hiroshi Saito (2015)