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# Shock Society

Fall Newsletter  
2019



## President's Message

by Marc Jeschke, MD, PhD

Dear Members of the Shock Society,

I hope you had a great 2019 meeting in San Diego. First and foremost, I would like to thank the Program Chair and President-Elect, Dr. Laurie Kilpatrick, for organizing such an outstanding meeting. Additionally, thank you to Serena Weisman and Ying Zhu from FASEB, for their

management and operation of this meeting. It was a great success! We broke our attendance record, which is indicative of the incredible science from members of our Society.

I am hopeful that the 2020 meeting in Toronto (June 6-9, 2020, <http://shocksociety.org/Meetings.aspx>), organized by Dr. Philip Efron (Program Chair), will be equally as successful. Toronto will offer many activities, and it is an incredibly lively city that all of our members will enjoy.

Over the next year, during my Presidency, the Executive Officers have work to do. The strategic plan is launched and I would ask all of you to participate and to make sure your voice is heard. We defined five Strategic Priorities and two executive members are the lead for each priority:

1. Advance the Science: Drs. Timothy Billiar and Edward Sherwood
2. Strong Journal: Drs. Mark Clemens and Michael Karlstad
3. Membership Growth: Drs. Philip Efron and Melanie Scott
4. Mentorship: Drs. Laurie Kilpatrick and Elizabeth Kovacs
5. Multidisciplinary: Drs. Daithi Heffernan and Jennifer Kaplan

The vision of the Shock Society is to align its priorities with its function. Almost every committee is aligned with a Strategic Priority. Each Committee Chair will work with the Strategic Priority Leads. This close relationship ensures close collaboration and communication between the committees and senior membership and Executive Council. The strategic plan is set for three to five years. This plan includes specific deliverables and outcome measures

### PRESIDENT:

**MARC JESCHKE, MD, PhD**  
University of Toronto  
Toronto, ON Canada  
[marc.jeschke@sunnybrook.ca](mailto:marc.jeschke@sunnybrook.ca)

### PRESIDENT-ELECT:

**LAURIE KILPATRICK, PhD**  
Temple University School of Medicine  
Philadelphia, PA  
[laurie.kilpatrick@temple.edu](mailto:laurie.kilpatrick@temple.edu)

### SECRETARY:

**EDWARD SHERWOOD, MD, PhD**  
Vanderbilt University Medical Center  
Nashville, TN  
[edward.sherwood@vanderbilt.edu](mailto:edward.sherwood@vanderbilt.edu)

### TREASURER:

**Melanie Scott, MD, PhD**  
The University of Pittsburgh  
Pittsburgh, PA  
[SCOTTM@UPMC.EDU](mailto:SCOTTM@UPMC.EDU)

### EDITOR, SHOCK:

**IRSHAD H. CHAUDRY, PhD**  
University of Alabama at Birmingham  
Center of Surgical Research  
Birmingham, AL  
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### SCIENTIFIC PROGRAM CHAIR:

**PHILIP EFRON, MD**  
University of Florida  
Gainesville, FL  
[philip.efron@surgery.ufl.edu](mailto:philip.efron@surgery.ufl.edu)

### PAST PRESIDENTS:

**ELIZABETH KOVACS, PhD**  
University of Colorado Denver  
Aurora, CO  
[Elizabeth.Kovacs@UCDenver.edu](mailto:Elizabeth.Kovacs@UCDenver.edu)

### TIMOTHY R. BILLIAR, MD

University of Pittsburgh  
Pittsburgh, PA  
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### PING WANG, MD

North Shore University Hospital  
Manhasset, NY  
[PWang@northwell.edu](mailto:PWang@northwell.edu)

that will guide implementation of the plan and measure its efficacy. These deliverables will be reported back to you, our members.

The Shock Society Strategic Plan is published in the December 2019 issue of *Shock* and can be found here: <https://insights.ovid.com/crossref?an=00024382-900000000-97562>

The Shock Society lives through its members and member involvement. I am asking you to consider joining a committee and taking part in defining the future of the society. Please email Dr. Laurie Kilpatrick (President-Elect; [laurie.kilpatrick@temple.edu](mailto:laurie.kilpatrick@temple.edu)) or myself ([Marc.Jeschke@sunnybrook.ca](mailto:Marc.Jeschke@sunnybrook.ca)) if you are interested in becoming more involved.

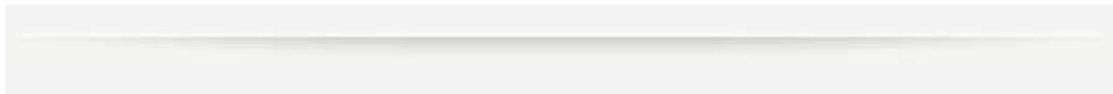
Another goal for the next year is to cultivate a philosophy of fundraising and donation for our Society. Our Society has grown substantially, which is exciting, and I believe that in order to be sustainable, we need donor support. This will enable us to support new members, students, grants, and various research initiatives. Importantly, this secures the existence of the Shock Society at a high level and the structure of the Society moving forward.

Other important ways we can continue to ensure financial stability is through support of our journal and to increase industry sponsorship of our annual meeting. I am asking members to consider submitting their research and review articles to *Shock*. Additionally, please let us know if you have connections with potential industry partners or suggestions for industry support/participation for our annual meeting.

Another goal of my Presidency is to increase collaboration, communication, and overall the spirit as we function as a Society. I think that members who are willing to participate need to be supported and integrated into the society.

We will also continue the important initiatives of Past President Dr. Liz Kovacs; to help and promote diversity and inclusion, to increase membership, to improve membership communication, and to expand mentorship. These were very important aspects for her Presidency and we will make sure that this will be continued and included in our strategy going forward.

We want your feedback and ideas as you ARE the Shock Society! It is important that members voice their opinions about what we as the Executive Council have to consider and improve. I believe this will help us create a Society where all members feel heard, welcome, and integrated.





## President-Elect's Message

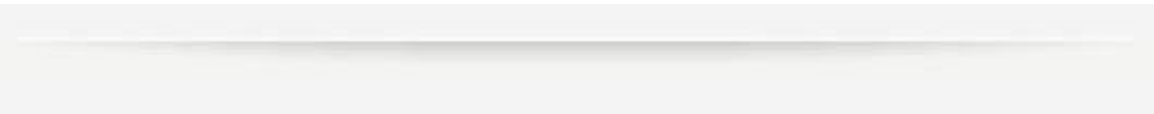
by Laurie Kilpatrick, PhD

I am honored to serve as the President-Elect of this wonderful society. I have been a member since I was a graduate student and the Shock Society meetings have always been my favorites! Our Society is growing rapidly. We had nearly 500 attendees at our June meeting in Coronado. As our Society grows in this evolving research environment, it is important that our Society takes a leadership role as a strong advocate for scientific research at the national level.

Through the Shock Society, 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. I will be working with our President, Marc Jeschke, and Council members to advance our strategic plan to ensure the continued success of our Society. Please contact me if you are interested in volunteering for committees or sharing ideas. I can be reached at [laurie.kilpatrick@temple.edu](mailto:laurie.kilpatrick@temple.edu) or (215) 707-8420.

I look forward to seeing everyone in Toronto (June 6-9, 2020). Phil Efron (Program Chair) and the Program Committee are putting together an excellent meeting with the theme "IMPACT".

Also, mark your calendars for June 5-8, 2021; we will be meeting in Portland Oregon at the Portland Marriott Downtown Waterfront Hotel. Dr. Jennifer Kaplan will serve as Program Chair.



## Secretary's Report

by Edward Sherwood, MD, PhD

The Shock Society Council Meeting was held on Saturday June 8, 2019 at the Loews Coronado Bay Resort in Coronado, California in association with the 42nd Annual Conference on SHOCK.

### Bylaws Changes

The following Amendments to the Shock Society Bylaws were proposed, seconded and approved by a vote of the membership at the Annual Business Meeting on Monday June 10, 2019 at the 42nd Annual Conference on SHOCK.

1. Update the name of the Internet Committee to the Communications Committee to broaden the duties of this committee.
2. Make the *ad hoc* Strategy Committee a permanent Committee. The committee is the working arm for strategy development and reports to the Executive Committee.
3. Eliminate the Rules Committee with their duties falling under the Executive Officers of the Society.
4. Make the Diversity Committee a permanent Committee.



## **Treasurer's Report**

by Melanie Scott, MD, PhD  
Chair of Finance Committee

This is my first newsletter update as Treasurer. I took over from Dr. Charles Wade in June 2019 after the annual meeting. Thanks to Charlie for all his work as Treasurer over the past three years.

Over the past few years the Shock Society has grown quite substantially. We are at a point now where it makes sense to evaluate our current financial practices, look at all our investments, and determine how we can make the best use of our money to support our mission of promoting research and education in shock, trauma, sepsis and burn research. Over the next few months I will be meeting with investment professionals to ensure that our society has a strong investment strategy, and can remain financially secure over the long term. I will also be working the Shock Society Secretary, Dr. Ed Sherwood, to write and implement new policies regarding all our financial transactions, ensuring we are in compliance with our charitable status requirements, and supporting our strategic plan and mission.

The financial health of the Society also depends on the continuing success of the Shock journal. I would encourage all members to consider submitting their best work to the Shock journal, which will help keep the journal relevant and full of interesting, state-of-the-art research in the shock, trauma, sepsis and burn fields. As a reminder, all members receive the Shock journal as part of their membership benefits, and there are member discounts on publishing charges. Make the most of your membership and keep the Shock Society and Shock journal strong and vibrant!

Please let me know if you have any specific suggestions or concerns about Shock finances. I am always glad to speak to members and help them understand how we are working to ensure the continued financial health of the society.

Melanie Scott MD PhD [scottm@upmc.edu](mailto:scottm@upmc.edu)



## **Past President's Report**

by Elizabeth Kovacs, PhD

**Diversity and Inclusion:** Additional, demographic fields were added to the member profiles (updated annually upon renewal) and are searchable by current members, on the Shock Society website. The goal is to enhance diversity and inclusion. Make note - if you have an assistant pay your membership, your profile is not being updated.

**Mentorship:** Mentorship remains a major focus of the society. The President and Council will continue to work closely with the program committee to support meeting-based mentoring activities, as well as worked with the mentoring committee and expanded general mentoring activities to year-round.

Public Affairs and Advocacy: The Society continues to respond to relevant issues, including NIH Requests for Information (RFI). Specific issues in the last year included RFI from NIDDK on Nutrition Research and RFI from NIH on Reducing the administrative burden for researchers.

Society Management: The relationship with FASEB in relation to our ongoing management contracts was, and will continue to be in the next year, a focus of Council attention. This will include discussions of alternative vendors, in addition to FASEB, for society and meeting management.

Approved Latin American Sepsis Institute (LASI) adoption of Shock as their official journal.

Secured society funding for participation of US Shock members speaking at the 2019 European Shock Society meeting in Crete.

Worked with Dr. Kozar to reengage the military researcher in the Society.



### 2020 Program Chair

by Philip Efron, MD

The 43<sup>rd</sup> Annual Conference on Shock will be held at the gorgeous Westin Harbour Castle, Toronto, Canada, June 6<sup>th</sup> – 9<sup>th</sup>, 2020. The theme for the 2020 meeting is **“Impact,”** where we will emphasize key aspects of our field that have or can potentially make groundbreaking changes in our research and with patients. All aspects of shock, both nationally and internationally, will be presented at this very exciting upcoming conference. In addition to our popular core program, some new sessions will be instituted, including one evening poster session (in addition to our traditional morning poster sessions) and one evening mentoring session, both with food and with refreshments. One morning’s plenary session is dedicated to discussions on diversity, harassment and ethics as well as advice from newly funded scientists on how to begin a scientific career. On the evening of Saturday June 6<sup>th</sup>, Dr. Laurie Kilpatrick will present her Presidential Address!

**43rd Annual Conference on Shock**  
**The Westin Harbour Castle**  
**Toronto, Canada**  
**June 6 - 9, 2020**



## Win a free meeting registration by helping to design our new logo!

Dear Shock Society members,

We need your help to design our new logo! Have you secretly always wanted to be a graphic designer? Was science and medicine your back-up for not getting into art school? If so, then we need you and your graphic design skills!

The Shock logo and color scheme has not changed since our inception in 1977, and although we love the original logo, we think it is time for an update. We are looking for your input as Shock Members to try and design something that encapsulates what Shock means to you, what Shock represents to the community at large, and what Shock means for the future of research in trauma, sepsis, burns and infection.

And the best part? You could win a free registration for Shock 2020 in Toronto!!! If you are a student/trainee member we'll also throw in a free membership for a year. Win-win! The executive council will assess all the ideas submitted by the deadline and determine if a new logo idea is worthy of replacing our existing logo.

We are ready and waiting for your fabulous ideas. Your design could represent our society for years to come, so get your pencils out and your thinking caps on. You don't have to send us a professional design. A sketch or outline of what you have in mind is just fine. We are going to take the winning sketch or idea and work with a professional graphic designer to finalize the logo and put it into a format that we can use online and for marketing/promotional materials. All logo proposals must be original and free of copyright infringements.

Submit your ideas to: Serena Weisman [sweisman@faseb.org](mailto:sweisman@faseb.org)

**Deadline: December 31<sup>st</sup>, 2019**



### Awards & Honors Committee

by Meihong Deng, MD

At the 42<sup>nd</sup> Annual Conference on Shock in Coronado, CA, the Awards and Honors Committee presented 43 Travel Awards to young investigators based on the scientific merit of their abstracts. A total of 131 member's abstracts applied for all awards in 2019 as compared to 124 in 2018. The number applying for the New Investigator Award was 48 in 2019. Fifteen abstracts competed for one Chaudry International Award in 2019. This year, we assigned all named Presidential Travel Awards to the recipients with the 6 highest abstract scores among the award applicants, except for New Investigator Award and Chaudry International Award. Particularly, the Jureta Horton Presidential Travel Award is given to a female young investigator with the highest abstract score.



The list of New Investigator Award recipients:

Michelle Wakeley (First place)	Brown University, RI
Ashley Lamparello	University of Pittsburgh, PA
Fengyong Yang	SUNY Upstate Medical University, NY
Ernesto Lopez	University of Texas Health Science Center at Houston, TX
Dalia Barayan	Sunnybrook Health Sciences Center, ON

The Committee would also like to congratulate the following 2019 award winners:

Faculty Research Award: Naeem K. Patil M.D., Ph.D., Vanderbilt University, Nashville, TN (Mentor: Dr. Edward R. Sherwood). He will receive \$83,000 for two years with \$3,000 dedicated for travel to the Shock Society Annual Meetings. Received 10 applications in 2019.

Research Investigator Fellowship: Hui Jin, M.D., Ph.D., Feinstein Institute for Medical Research, Manhasset, NY (Mentor: Dr. Ping Wang). She will receive \$22,000 for one year with \$2,000 dedicated for travel to the Shock Society Annual Meetings. Received 8 applications in 2019.

Scientific Achievement Award: Edward R. Sherwood, M.D., Ph.D., Vanderbilt University.

Distinguished Service Award: Ping Wang, MD, Feinstein Institute for Medical Research.

New Committee Members: We had a big turnover of our committee members this year. Four new regular members, Wendy Walker, Sudip Banerjee, Snehalata Pawar, Chuanfu Li; Immediate past president, Elizabeth Kovacs; and two research award recipients, Naeem K. Patil and Hui Jin have joined the committee. Welcome them!

We also thank the immediate retired Chair, Weng-Lang Yang, for his dedication to the Awards & Honors Committee in the past three years.

We also thank the immediate retired members: Andrew Cap, Rosemary Kozar, Aziz Monowar and Jurgis Alvikas, for their time and efforts to review and score so many abstracts and research proposals.

Last but not least, we have updated the “**Eligibility Requirements**” for the Faculty Research Award. The updated Eligibility Requirements can be viewed at <http://shocksociety.org/Awards/Research-Fellowship.aspx>.

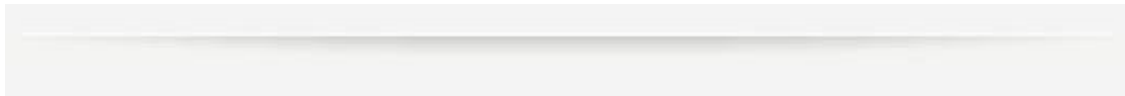
**Eligibility Requirements:**

- A member of the US Shock Society or Member Society of the International Federation Shock Societies who will perform the proposed research at an institution within the United States.
- Holds a doctoral degree or its equivalent, such as but not limited to MD, Ph.D., DDS, DMD, DO, DC, OD, DVM, or Pharm D.

- Within 10 years of the terminal doctoral degree and no more than 4 years of since first faculty appointment at his/her institution.
- Devote a minimum of 50% of full-time professional effort conducting research and research career development.
- Secure a research mentor who is an established investigator.
- The awardee is required to present at the Shock Society Annual Meeting for the three years subsequent to receiving the award.
- The awardee will have one year tenure on the Awards and Honors Committee

### Ineligible individuals

- Current and former principal investigators in NIH research project (R01), career development awards (K01, K08, K23), sub-projects of program project (P01) or center grants (P50) or the equivalent
- Applicants currently with more than \$100,000/year research funding from all external sources outside his/her institution.
- Applicants must submit a funding confirmation form signed by the department chair.



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

by Irshad H. Chaudry, PhD

I would like to take this opportunity to thank our President, Marc Jeschke and our Secretary, Edward Sherwood for giving me the opportunity to provide an update about our journal, **SHOCK**.

We have now completed another United States Department of Defense Combat Casualty Care Research Program “Oxygen Carriers” State of the Science Supplement, which follows up their meeting held in February 2017. This Military Supplement will be published in October of this year and the Editors for this Supplement are Drs. Crystal Hill-Pryor, Anthony Pusateri and Michael Dubick.

I am pleased to welcome the following new Editorial Board members and they are: Drs. Julia Bohannon from Nashville, Tennessee and Jessica Cardenas from Houston, Texas.

I wish to express my gratitude and thanks to the Editorial Board Members whose terms has ended or who have stepped down because of their new and additional responsibilities and they were: Drs. M. Margaret Knudson, Kathleen McDonough and Deborah Stearns-Kurosawa.

Jean-Marc Cavaillon has asked to step down as Senior Associate Editor (Europe) as he is now retired. The European Shock Society (ESS) has recommended Dr. Mihaly Boros as his replacement. This was approved by the Shock Society Publication Committee and we are pleased to announce the new Senior Associate Editor, Europe will be Dr. Mihaly Boros, effective October 1, 2019.

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 members who continue to take time from their busy schedules to write “What’s New in Shock?” in each issue of the journal.

I am especially indebted to Drs. Daniel Darlington, Philip Efron, David Greenhalgh, Marc Jeschke, and Peter Ward, who each reviewed 20 or more manuscripts over the past year. **The TOP 3 Reviewers were: David Greenhalgh with 27; Daniel Darlington with 23 and Philip Efron with 23.**

Please note that effective January 1, 2020, all accepted manuscripts will be published on-line only.

As per Task Force recommendations, request was made to the following members and they have agreed to serve in various positions:

**Arbitration Board Members for Disputed Reviews:** Wei Chao, Mashkooor Choudhry, Jennifer Kaplan, Matthias Majetschak, Carrie Sims and Charles Wade for Basic and Clinical Sciences.

**Associate Editors for Basic Science Review Articles:** Marc Jeschke and Daniel Remick.

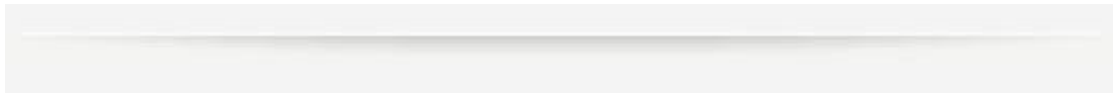
**Associate Editors for Clinical Review Articles:** Timothy Billiar and Thomas Scalea.

**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.

Again, 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 Aubrey Realuyo-Gunay, at Wolters Kluwer, for their continued help in all regards to the journal, **SHOCK**.

I am again humbly requesting any of 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 season of 2019.





## **Nominating Committee Report**

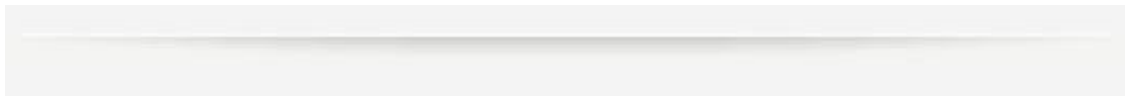
by Timothy Billiar, MD

The Society is pleased to announce the newest members of the Executive Council.

The 2019 Election Results

President-Elect (2019-2020)	Laurie Kilpatrick, PhD
Treasurer (2019-2022)	Melanie Scott, MD, PhD
Scientific Program Chair (2022)	Judith Hellman, MD, PhD
Clinical Councilor (2019-2023)	Matthew Delano, MD
Basic Science Councilor (2019-2023)	Haichao Wang, PhD

*The 2020 election will commence by February.*



## **Communication Committee Chairs**

by Melanie Scott, MD, PhD and Matthew Delano, MD



Thanks to our membership for voting to change/update the name of our committee to the Communications Committee. We think this reflects our work much better, which involves not only communicating who The Shock Society is via the website ([www.shocksociety.org](http://www.shocksociety.org)), but also communications with Shock members through social media, helping navigate the annual meetings using the meeting app, and letting you know about all the new initiatives council is implementing as part of the Strategic Plan. The Society is also getting more involved with advocacy for our research, especially funding for trauma and sepsis, and we hope the Communications Committee will be integral to come of these issues.

We have an ambitious agenda for the rest of the year. You will once again notice changes in the next few months to the website. Not only will it have a new look, but it will also have improved facilities for managing membership issues, submitting abstracts to the annual meetings, and registering for the meeting. We will also at that time be working with all the

committees to make sure their information is up to date so you can all see what each committee is working on, and how you can get involved.

Additionally, we are evaluating the meeting app used in Coronado and taking member feedback into consideration so we can make the next app even better. Feel free to contact Melanie or Matt with any comments or suggestions.

One of the biggest things we will be working on is updating the Shock Society and Journal logos and branding. We love our current logo, but we think it's time to update our logo to reflect our growing, diverse and vibrant society. **We are asking you (our members) for help!** We are launching a competition for logo ideas from our members. Send us your ideas and you could win a year of free Shock Society membership! The logo that we pick will be professionally rendered and the winner will be celebrated at #Shock2020 in Toronto! Get thinking people! Send your ideas to Melanie, Matt or Serena Weisman ([SWeisman@faseb.org](mailto:SWeisman@faseb.org)). Deadline is December 31, 2019.

**Are you a trainee members of Shock and active on social media?** Then we want you to join the Communications Committee! This could be your opportunity to get involved with the running of a scientific society and help us with all aspects of communication with our members. PIs can also volunteer their trainees. Just email Melanie or Matt and we'll get you stuck in with Shock communications!

As usual, feel free to give us feedback or let us know any other suggestions about the website, social media and how we can best communicate with all of you to get you involved with the society and keep you up to date with all the exciting things we are doing.

Have a safe and happy winter and holiday season.

Matthew Delano, MD [mjdelano@med.umich.edu](mailto:mjdelano@med.umich.edu)  
Melanie Scott, MD, PhD [scottm@upmc.edu](mailto:scottm@upmc.edu)

### **NIGMS Priorities for Sepsis Research**

NIGMS recently revised priorities for sepsis research and seeks strategies to optimize acquisition of human biospecimens to support sepsis research. Specific information is included below.

1) [NIGMS Priorities for Sepsis Research](#) and [NOT GM 19-054](#)) NOTICE OF INFORMATION: NIGMS Priorities for Sepsis Research

2) [Request for Information on Strategies to Support Acquisition and Use of Biospecimens for Research on Sepsis in Humans](#). ([NOT GM 19-057](#)). Responses to this RFI on Biospecimens will be accepted through November 15, 2019. All comments will be anonymous and must be submitted via a web form at <https://www.research.net/r/sepsisRFIbiospecimens>

## **Shock Society Council and Committees**

2019-2020

### **COUNCIL**

Marc Jeschke MD, PhD, President  
Laurie Kilpatrick, PhD, President-Elect  
Edward Sherwood, MD, PhD. Secretary  
Melanie J. Scott, MD, PhD, Treasurer  
Irshad H Chaudry, PhD, Editor, SHOCK  
Philip Efron, MD, Program Chair (2020)  
Ping Wang, MD, Past President  
Timothy R. Billiar, MD, Past President  
Elizabeth J. Kovacs, PhD, Past President

Joseph L. Messina, PhD, Councilor  
Jennifer Kaplan, MD, Councilor & Prog Chair  
(2021)  
Hiroshi Saito, PhD, Councilor  
Carrie Sims, MD, PhD, Councilor  
Clifford S. Deutschman, MD, MCCM, Councilor  
Mashkoor A. Choundhry, PhD, Councilor  
Michael Karlstand, PhD, Publications Chair  
Judith Hellman, MD, Program Chair (2022)  
Serena Weisman, Business Manager

### **STANDING COMMITTEES**

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

**Meihong Deng, MD, Chair (2022)**  
Xianzhong Meng, MD (2020)  
Deborah Carlson, PhD (2022)  
James Lederer, PhD (2022)  
Wendy Walker, PhD (2022)  
Sudip Banerjee, PhD (2023)  
Snehaiaata Powar (2023)  
Chuanfu Li, MD (2023)  
Naeem Patil, MD (2020)  
Nui Jin, MD (2020)  
Ping Wang, MD, Past President (2020)  
Timothy R. Billiar, MD, Past President (2021)  
Elizabeth Kovacs, PhD, Past President (2022)

#### **Development Committee**

**Anthony Pusateri, PhD, Chair (2021)**  
Philip Efron, MD (2020)  
Jie Fan, MD (2021)  
David Greenhaigh, MD (2022)  
Ping Wang, MD, Past President (2020)  
Timothy R. Billiar, MD, Past President (2021)  
Elizabeth Kovacs, PhD Past President (2022)

#### **Diversity Committee**

**Alicia Mohr, Chair (2021)**  
Masao Kaneki, MD, PhD (2020)  
Vanessa Nomellini, MD, PhD (2020)  
Juan-Pablo Idrovo, MD (2020)  
Guochang Fan (2022)  
Sarah Rehou, MD (2022)

#### **Finance Committee**

**Melanie Scott, MD, PhD, Chair (2022)**  
Daithi Heffeman, MD (2021)  
Laurie Kilpatrick, PhD (2020)  
Charles Wade, PhD, Ad hoc (2022)  
Clifford Deutschman, MS, MD (Executive  
Council Liaison)

#### **International Relations Committee**

#### **Laboratory Animal Issues Committee**

**Basilgia Zingarelli, PhD Chair (2020)**

**Anthony Pusateri, PhD (2020)**

Martijn van Griensven, MD (2020)

Ping Wang, MD (2021)

Timothy Billiar, MD, Past President (2021)

Elizabeth Kovacs, PhD, Past President (2022)

Irshad H. Chaudry, PhD (permanent member)

Markus Huber Lang, President ESS, Ad hoc

Soheyl Bahrami, PhD, IFSS Ad hoc

Krishnan Raghavendran, India President, Ad hoc

Takeshi Kawasaki Fukuoka, Japan President, Ad hoc

Yong-Ming Yao Beijing IFSS President-Elect

**Ping Zhang, MD Chair (2020)**

Matthew Neal, MD (2021)

Tammy Ozment, DVM, PhD (2021)

Matt Delano, Michigan (2022)

Marlene Starr (2022)

**Membership Committee**

**Deborah Carlson, PhD (2020)**

Sean Monaghan, MD (2020)

Majid Afshar, MD, MS (2021)

Gary An, MD (2022)

Elieen Bulger, MD (2022)

Sharma Pushpa, MD (2022)

Weng-Lang Yang, PhD (2022)

**Mentorship Committee**

**Carrie Sims, MD, Chair (2019)**

Teresa Zimmers, MD (2022)

Christine Metz, PhD (2021)

John Alverdy (2022)

James Lederer (2022)

Charles Lang, PhD, Senior Advisor

Irshad Chaudry, PhD, Senior Advisor

**Nominating Committee**

**Elizabeth Kovacs, PhD Past Pres, Chair (2023)**

Timothy Billar, MD Past President (2022)

Ping Wang, MD (2021)

Rosemary Kozar, PhD (2021)

**Publications Committee**

**Michael Karlstad, PhD, Chair (2022)**

Scott Brakenridge, MD (2020)

Daniel Remick, MD (2021)

David Greenhaigh, MD (2022)

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