



Shock Society Newsletter

**30th Annual Conference on Shock – Baltimore, Maryland
Marriott Baltimore Waterfront (June 9 – 12, 2007)**

complete meeting information: <http://www.shocksociety.org>

ABSTRACT DEADLINE: FRIDAY - JANUARY 19, 2007 <http://www.shocksociety.org/abstracts.html>



PRESIDENT'S MESSAGE

Daniel J. Brackett

Shock Society Colleagues:

This Newsletter will have a different format than in the past due to the development of our new web page, easy access to information, and the decision of the leadership of our society to "go electronic". This will be discussed more fully below. Many of the features, events, and issues discussed in prior hardcopy Newsletters can now be accessed by simply going to our webpage (<http://www.shocksociety.org>) and choosing the icon connecting you to the desired information - such as detailed meeting information.

However I must emphasize the importance of the Newsletter as an instrument for review and to focus the attention of the membership regarding the academic and business activity of our society. **For the 2007 Meeting, members will be given the opportunity to complete meeting and hotel registration through the web page or in response to an all-members postal mailing.** This will give us the opportunity to adjust to the new electronic system without potential compromise of attendance at the 2007 Meeting. Next year postal mailings will only be sent to those members who do not have access to the internet or e-mail. Finally, I apologize if this appears to be predominantly a business report, but these are significant events that you as members need and have a right-to-know as you work in and with our society.

Since the meeting in Colorado significant decisions have been made by the Council and Officers of our society that will have both immediate and long term impact on the future direction of the society. These decisions affect financial and business aspects by making our society more efficient and effective, as well as further establishment of our presence on the national and international scene. The results of these decisions are outlined below.

AMERICAN HEART ASSOCIATION RESUSCITATION SCIENCE SYMPOSIUM

Working with Beth Croll, Manager for the Scientific Sessions Program for the American Heart Association, our society co-sponsored the Resuscitation Science Symposium that was associated with the November 2007 AHA Meeting. The organizers of this symposium felt they could reach an increased number of surgeons through a relationship with our society. This resulted in recognition of the Shock Society at the symposium, on the symposium brochure, and on the AHA

symposium web site. This should be an ongoing relationship with the American Heart Association.

JAPAN SHOCK SOCIETY

In response to a proposal by Dr. Hirasawa, the Japan Shock Society president, council voted unanimously to exempt registration for two winners of the Young Investigators Competition associated with the JSS meeting and provide two platform presentation positions. This formal arrangement will solidify the relationship of the JSS with the North American Shock Society which will in turn enhance the position of the JSS to attract new members. Additionally, this is the sort of responsibility that should be assumed by a flagship

society and firmly establishes us in that leadership role.

ALCOHOL AND TRAUMA 2007 SATELLITE SYMPOSIUM

A satellite symposium focused on alcohol and trauma will be held immediately prior to the 2007 meeting in Baltimore. <http://www.shocksociety.org>. The organizers of this symposium are Patricia Molina, Elizabeth Kovacs, and Mashkoor Choudhry. The Shock Society is supporting this symposium through the work of Strategem with the symposium organizers in negotiations with the hotel for space, by promotion through our web page and announcements, and by financial support for student travel. Strategem's negotiations with the hotel resulted in a waiver of the space rental fee for the symposium with the result that only posters and audio-video services will require payment.

ADMINISTRATIVE ASSISTANT CONTRACT WITH STRATEGEM, INC.

There was a unanimous decision by the Council and Officers that the Administrative Assistant position should be managed through Strategem, Inc. Strategem agreed to each of our requirements in full without undue negotiation. The contract with Strategem assures that the characteristics required by the society for this position which include stability, continuity, professionalism, oversight, and accountability will be met. The relationship with Strategem regarding this position has been in effect since July and is working extremely well. As society secretary, Carol Miller-Graziano has worked with Meredith Crigler (our Administrative Assistant) and Mary Schuerman (Strategem, Inc. President) to establish priorities for certain duties, i.e., membership update for dues notification & e-mail addresses, as well as time goals for selected duties to assure timely accomplishment of society business. We currently have an email list well over 900 addresses. and growing. Mary and Meredith have spent considerable time and effort updating this list and we know the members who do not have email so they can be reached by postal mail. *It is extremely important that if you have a change of postal and/or email address to contact Strategem with that information.* The effort and cooperation put forth by Strategem personnel in stabilizing and establishing continuity of society business has been exceptional.

WEB PAGE CONTRACT WITH STRATEGEM

After thorough evaluation of all issues regarding the establishment of a new domain for a Shock Society

web site Council unanimously voted to contract with Strategem, Inc. for this service. We are very grateful for the courtesy provided by the European Shock Society permitting us to use their web site as a vehicle for our web page in the past and especially for the continuation of the internet mechanism for processing manuscript submissions to SHOCK.. Considering the contract was finalized on October 12, 2006, Bill Curreri and Mary Schuerman have done a remarkable job in getting the web page to its current functional status which will permit us to accomplish the majority of the society's business electronically. This will result in the savings of literally thousands of dollars as we conduct our business over the coming years. Below is an outline that Mary has put together describing the current functions.

On-line program: The program information that has historically been mailed to the membership in the form of an annual meeting booklet is now on the website. A blast email will be sent to the membership periodically reminding them of deadlines, meeting information, etc.

Membership applications This component of the web site is under development to permit applicants to: 1. apply on line, 2) email the application and CV as attachments, or 3) print out the application and postal mail to our Strategem office. The applications will then be forwarded to the Shock Society Membership Chair. We are working hard to make this functional as soon as possible.

Shock Journal - We have duplicated the information that was placed on the old website (abstracts from 1995 – 2000). Please note that there were no abstracts from 2000-2006.

Email List – Blast emails to all members can be sent through the website. Member address and email information can be obtained by members of the Society.

Abstract Submission – Abstracts will be submitted through the website.

Young Investigators Competition - Several members of our society have brought it to my attention that the existing rules for entering the Young Investigators Competition regarding publication are not adequately emphasized in the instructions for the Young Investigator Competition. In an effort to clarify this a sentence has been added to the existing statements in the instructions under number three and a check box has been added to the abstract form. Please read these

carefully if you or an associate are applying for the young investigators award.

Newsletters - Members can access updated and past newsletters on the website. Other items are being developed and Bill and Mary ask for suggestions and input for future development

It is apparent that your Council, Officers, and Strategem, Inc. have been fully engaged in Shock Society business over the last 5 months. We anticipate that there may be a few speed bumps as we begin this new era of electronic business management, but we do not expect anything major. If you have problems, do not hesitate to contact us and we will do our best to resolve all issues.

Another modification of this issue of the Newsletter is that I have invited society leaders who have committed significant amounts of time and energy to activities that are critical to the success of our society to give their perspectives and comments on the responsibilities each has undertaken. These individuals are Daniel Remick, Program Chair of the 2006 meeting; Basilia Zingarelli, Chair for the Awards Committee; Irshad Chaudry, Editor of SHOCK; Carl Hauser, Treasurer and Tim Buchman, Program Chair for the 2007 meeting. The Spring Newsletter will feature the perspectives of other officers and others of our membership who are currently contributing their skills and time to our society.



Notes on the 2006 Shock Society Meeting
Daniel G. Remick
2006 Program Chair

To paraphrase Charles Dickens, organizing the 2006 Shock meeting was the best of times and the most irritating of times. Irritation occurred in only a few instances. We hoped to have an

organized tour of the Denver Art Museum, but there was significant reconstruction occurring and most of the exhibits were closed. Other irritations were those typically associated with organizing and planning a moderate sized event such as frequent e-mails, faxes, phone calls etc. However the level of irritation, misdirected communication, and out right wasted time was significantly less than that associated with submitting a major grant.

Regarding the best of times, is important to acknowledge several of the people who made planning the meeting substantially easier. These

thank-yous will be listed in chronological order so that no one is offended because they are not listed near the top. Before agreeing to run to the program chair I contacted several of the previous chairs to inquire about the level of necessary work. Thanks go to each of these for their helpful suggestions. Special thanks should be extended to Dr. Pruitt, the incoming new president of the society and the immediate past program chair for providing me with his helpful notes and suggestions. Mary Schuerman from Strategem was always responsive to phone calls and e-mails. If your name is not included in this paragraph, and you believe that you were helpful, consider yourself thanked with this sentence.

There are some notable first ever events at the meeting, most of which worked quite well.

1) We had our first ever lunch and dinner with the professor. At this event we had two junior investigators sign-up to eat lunch or dinner with two senior members of the Shock Society. Feedback from both the old and the new investigators was strongly supportive.

2) The first ever joint symposium was held with the Society for Leukocyte Biology (SLB), where four SLB speakers gave outstanding presentations in areas of interest to members of the Shock Society. Thanks need to be extended to Alfred Ayala for organizing this symposium.

3) A symposium was organized by Irshad Chaudry based on the most cited papers published in our journal, SHOCK. This excellent symposium allowed the membership to see the outstanding quality of publications in our journal, and also hear updates on how the science of these papers has progressed over the years.

4) Our first ever organized free afternoon event took place with a white water rafting trip. There was some irritation as everyone waited for the arrival of transportation to the river, but the actual trip itself was truly spectacular.

In addition to these first-ever events other memories stand out. As in years past, the quality of the science presented was truly outstanding. I am personally aware of one poster presentation which has since been accepted for publication in Science. The effort to include a broader range of the society membership in chairing sessions was also achieved, with half of the session chairs being women and nearly half of the chairs having an academic rank of less than a full professor. Finally, the camaraderie and good will among the members

of the Shock Society remains a powerful force beneficial to all the attendees.



A humble message from the Editor:

Irshad H. Chaudry

Editor: SHOCK

Thank you President Brackett for giving me the opportunity to write a few things in the newsletter. I wish to thank the investigators for their continued support of SHOCK by submitting their outstanding contribution to the journal for publication. As I indicated in my presentation at the Council meeting in Broomfield, Colorado, we have seen a consistent increase in the number of manuscripts submitted to SHOCK over the past years and we have also seen that again this year. We have received 370 manuscripts so far in this calendar year. This number is higher than the grand total of 343 manuscripts that were submitted to SHOCK in the calendar year 2005. I am grateful to the authors, the Associate Editors and the Editorial Board members for their tremendous help and support to the journal. My sincere thanks are also to the Associate Editors who are routinely taking time from their hectic schedule to put together the summary of the manuscripts under the banner "What's new in SHOCK" in that issue. I also remain grateful to the Guest Referees for their kind help in thoroughly and expeditiously reviewing the articles submitted to SHOCK. My gratitude is also extended to Mr. John Ewers, our Senior Publisher and to Mr. Raymund Didyk, our Production Editor of Lippincott, Williams and Wilkins for their kind help in all issues pertaining to the publication of the journal. I also thank Ms. Connie Weldon, our Editorial Assistant, who has been extremely helpful in all aspects of the publications. My thanks also to Drs. Mashkoor Choudhry and Martin Schwacha who have been of tremendous help to me and the Editor's office whenever I am out of town.

SHOCK, with an impact of **3.122**, is among the top journals in the field of trauma, shock, sepsis, and critical care. The Shock Society and the affiliated Societies membership should be rightfully very proud of our official publication vehicle. Although we have made significant progress since the inception of the journal, there is still a lot of room for improvement. I therefore urge the entire membership and others in the field of trauma, injury, inflammation and sepsis to submit their best work to SHOCK and also to please cite pertinent

references in SHOCK in the articles you submit to any journal. Please note that the average turnaround time from submission to completion of the first review is approximately 2-3 weeks and the average time from acceptance to publication is approximately 4 months. I will greatly appreciate any suggestions from our members for further improving any aspect of our journal. Please feel free to e-mail your suggestions about any aspect of the journal to me at Shock@ccc.uab.edu

All of us at the Editorial office of SHOCK office would also like to take this opportunity to wish you all Season's Greetings and a very Happy, Healthy, Prosperous and Productive New Year.



Comments from the

Treasurer:

Carl J. Hauser

As my third year as Treasurer goes into the "back stretch" I can report that the Shock Society is now on a firm financial footing. Net assets have essentially doubled over this period. We have streamlined the financial operations of the Society, with all facets of the operation moved or moving to an electronic basis. This has resulted in significant economies that improve our ability to pursue scientific objectives without increasing costs to the members. Once we have fully achieved our transition to paperless operation, we should be able to achieve still further economies by the consolidation of web-based services. It is also a pleasure to report that the **Novo Nordisk Scholarship Program** has just been renewed for the coming year. We hope that the research output from this program will encourage the generosity of Novo Nordisk to continue, and we should all look forward to presentations by the last two scholarship winners at the June meeting. We are now also assessing future ways to return our Society's financial success to the Shock Community in the form of grants to young investigators. This would be accomplished by a foundation-like mechanism structured to avoid the administrative costs of a true foundation until one was truly justified. I expect my third (and last!) Treasurer's report to the members in June to outline these events in more detail, and I am truly grateful for having the opportunity to serve the Shock Society.



**Greetings from the Chair of
the Awards and Honors
Committee:
Basilia Zingarelli**

It was a great honor to serve as chair of the **Awards and Honors Committee**. Last year was a very active and successful year and I would like to express my gratitude to the committee members who worked diligently on the numerous responsibilities. The members of this committee were

Gregory J. Bagby, 2006
Clifford S. Deutschman, 2006
Daniel R. Meldrum, 2007
Robert N. Cooney, 2008
Carol Miller Graziano, 2008
Laurie Kilpatrick, 2008
Cynthia Otto, 2008
Nilofer Qureshi, 2008
Edward R. Sherwood, 2008
Paul Wischmeyer, 2008

For the **New Investigator Award**, the committee selected five outstanding presentations out of the 62 abstracts submitted for the competition. I would like again to congratulate the winner, Marcin F. Osuchowski, University of Michigan, Ann Arbor, Michigan. The other finalists were Huang-Ping Yu, University of Alabama at Birmingham, Alabama; Doreen E. Wesche-Soldato, Brown University, Providence, Rhode Island; Anthony C. Watkins, New Jersey Medical School, Newark, New Jersey; and Meijing Wang, Indiana University, Indianapolis, Indiana.

Other fifteen outstanding abstracts were selected for **Travel Awards**:

1. Ya-Ching Hsieh, University of Alabama at Birmingham.
2. Mario Perl, Brown University, Providence, Rhode Island.
3. Angela Lorts, Mott Children's Hosp., University of Michigan, Ann Arbor.
4. Giovanna Piraino, Cincinnati Children's Hospital, University of Cincinnati, Ohio.
5. Hongkuan Fan, Medical University of South Carolina, Charleston, South Carolina.
6. Andrew T. Clark, Washington University, St. Louis, Missouri.
7. Trevor L. Nydam, University of Colorado Health Sciences Center, Denver, Colorado.

8. Na Li, University of Louisville, Louisville, Kentucky.
9. Philip O. Scumpia, University of Florida, Gainesville, Florida.
10. Janet J. Fan, Children's Hospital of Pittsburgh, Pennsylvania.
11. Christian Walz, Ludwig-Maximilians University, Munich, Germany.
12. Paul R. Crisostomo, Indiana University, Indianapolis, Indiana.
13. Daniel H. Seitz, University of Ulm, Ulm, Germany.
14. Sherry O. Kasper, University of Tennessee Medical Center, Knoxville, Tennessee.
15. Christian R. Gomez, Loyola University Medical Center, Maywood, Illinois.

Last year, the Awards & Honors Committee reviewed eight applications for the **Shock Society / Novo Nordisk Fellowship in Hemorrhagic Shock and Hemostasis**. Recipient for the 2006 fellowship award is Dr. Stephen Trzeciak, UMDNJ-Robert Wood Johnson Medical School at Camden Cooper University Hospital, Camden, NJ.

At the annual meeting in Broomfield, Colorado, the **Distinguished Service Award 2006** was proudly presented to Dr. Jureta Horton, in recognition for her outstanding service and contributions to further the mission and goal of the SHOCK Society. Dr. Carol Wells was recognized with the **Scientific Achievement Award 2006** for her excellence and leadership in the research field of sepsis and shock. Congratulations Jureta and Carol and thank you for all the time and effort you put into making the SHOCK Society so successful!

As we prepare for the next meeting, I would like to remind that the Members of the society may submit nominations for the **Distinguished Service and the Scientific Achievement Awards 2007** by February 1, 2007, to my email address basilia.zingarelli@cchmc.org Chair, Awards and Honors Committee. Please include a C.V. and a letter of support.

I look forward for another successful year. Happy holidays.



**2007 Program Chair Report
Timothy G. Buchman**

"Shock at 30"

The June 2007 meeting of the Shock Society will be the 30th gathering of basic, translational and clinical scientists who focus on the prevention, diagnosis and management of shock and its sequelae. Thirty years ago, classifications of shock were based primarily on hemodynamics—even our journal was named "Circulatory Shock". Multiple organ failure had just been described. Laboratory studies often required large animal preparations and typically reported on histology, bacteriology and clinical chemistry. Although DNA cloning had begun, sequencing was still a dream and RNA handling required special sets of glassware baked to 500 degrees. Immune cells came in two varieties—T and B—and no one was quite sure how they acquired specificity or proliferated.

Fast forward thirty years, and there has been an explosion of scientific know-how and knowledge. Today, 30,000 unique reagents are localized and immobilized on tiny chips—that yield molecular signatures of even single cells. Mediators have come, had their moment in the limelight, and faded into a much larger picture of systems biology. Collaborations span continents, disciplines and technologies. Data no longer reside in notebooks, but rather on personal computers whose power dwarfs that available on mainframes of the 70s.

Yet the breathtaking advances in science have not been strongly matched by strides in clinical outcomes. Four organ failure today is nearly as lethal as it was when multiple organ failure was described. The public is increasingly impatient for translational success. Research funds are becoming scarce. It's no longer enough to "do science"—granting agencies want science "that matters".

The 30th annual meeting focuses on understanding the past, assessing the present and charting a future for shock research. Symposia will explore how the basic science often became "Lost in Translation" and where the mediators have gone.

Workshops will explore sound strategies for experimental design and future agendas for shock research. International collaborations will be encouraged through presentations of the best science worldwide. The young investigators—the next generation of PIs—will compete for the annual awards of excellence.

Join colleagues in celebrating the past, assessing the present and designing the future of shock research. Come to Baltimore, 9-12 June 2007 for the 30th annual meeting of the Shock Society. Programmatic details are available at the website, www.shocksociety.org. Register now, and submit your best work. Abstracts close 19 January 2007!



**2006-2007
OFFICERS and COUNCIL**

OFFICERS

President:	Daniel J. Brackett
President-Elect:	Basil A. Pruitt, Jr.
Secretary:	Carol Miller-Graziano
Treasurer:	Carl J. Hauser
Editor, Shock	Irshad H. Chaudry

COUNCIL

Daniel J. Brackett, President (2007)
 Carol L. Miller-Graziano (2008)
 Carl J. Hauser, Treasurer (2007)
 Patricia A. Molina (2007)
 Ori D. Rotstein (2007)
 James Lederer (2008)
 Hobart Harris (2008)
 Ping Wang (2009)
 Eileen Bulger (2009)
 Richard Hotchkiss, 2006 President (2011)
 Alfred Ayala, 2005 President (2010)
 David B. Hoyt, 2004 President (2009)
 Carol L. Wells, 2003 President (2008)
 James Holcroft, 2002 President (2007)
 Basil A. Pruitt, Jr., President-Elect (2008)
 Irshad H. Chaudry, Editor, SHOCK (2006)
 Craig M. Coopersmith, Publications Chair (2006)
 Timothy G. Buchman, Program Chair(2007)

STANDING COMMITTEES

AWARDS AND HONORS

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Paul Wischmeyer, Co-Chair (2008)
Daniel Meldrum (2007)
Robert Cooney (2008)
Laurie Kilpatrick (2008)
Cynthia Otto (2008)
Nilofer Qureshi (2008)
Edward Sherwood (2008)
Brenda Smith (2009)
Jean Neszek (2009)

DEVELOPMENT

James Lederer, Chair (2007)
Basil A. Pruitt, Jr. (2007)
John Marshall (2007)
Daniel G. Remick (2008)
David B. Hoyt (2008)
Timothy G. Buchman (2008)

FINANCE

Carl J. Hauser, Chair
Alfred Ayala
Richard Hotchkiss
Daniel J. Brackett
Basil A. Pruitt, Jr.
Carol Miller-Graziano

INTERNET

Alfred Ayala, Chair
Irshad H. Chaudry
Wolfgang Junger
Heinz Redl
Timothy G. Buchman

INTERNATIONAL RELATIONS

Alfred Ayala - Chair
Dan Traber
Mauricio Rocha e Silva
Irshad H. Chaudry
Basil A. Pruitt, Jr.
Richard Hotchkiss
Daniel J. Brackett

David B. Hoyt (2008)

LAB ANIMAL ISSUES

Cynthia Otto - Chair (2008)
Kio Cho (2008)
Edmund Miller (2007)
Leslie Doughty (2007)

MEMBERSHIP

Daniel J. Brackett - Chair
Jureta Horton - Co-Chair
Jason Lees (2010)
Joseph Cuschieri (2010)
Patrick Greiffenstein (2009)
Asit De (2008)
Jeffery Johnson (2007)

NOMINATING

Richard Hotchkiss - Chair (2010)
Alfred Ayala (2009)
David B. Hoyt (2008)
Carol L. Wells (2007)

PUBLICATIONS

Craig Coopersmith - Chair (2007)
Lyle Moldawer (2007)
Ping Wang (2007)
Deborah Carlson (2008)
Robert Barber (2009)

RULES

John Younger, Chair (2008)
David Livingston (2007)
Reuven Rabinovici (2007)
Walt Biffi (2007)
David Geller (2009)
Iris Garcia (2009)

SCIENTIFIC PROGRAM COMMITTEE

Timothy G. Buchman, Chair (2007)
Ernest E. Moore (2007)
Raul Coimbra (2007)
Sanna Goyert (2008)
David Hackman (2008)

