



**THIRTY-SECOND ANNUAL  
CONFERENCE ON SHOCK**



**JUNE 6 – 9, 2009  
THE WESTIN LA CANTERA RESORT  
SAN ANTONIO, TEXAS**

**DEADLINE FOR SUBMISSION OF ABSTRACTS  
January 31, 2009**

## DEADLINE DATES

January 31, 2009

Last date for submission of abstracts

APRIL 16, 2009

Last date for early fee meeting registration

MAY 3, 2009

Last date for hotel reservations

MAY 20, 2009

Last date for refund on meeting registration

MAY 20, 2009

Last date for advance meeting registration. After this date registration must be made at the conference.

MAY 20, 2009

Last date for advance registration for 5K Presidential Run

Direct all correspondence to:

SHOCK 2009

c/o Strategem

26064 Capital Drive - Suite A

P.O. Box 1187

Daphne, AL 36526

Tel: 251-625-2205

Fax: 251-625-4439

Please find information and forms you will need to attend the **32nd Annual Conference on Shock, June 6-9, 2009** in San Antonio. Please read carefully.

Meeting Registration Form (page 8) should be returned to **SHOCK 2009 c/o Strategem** or you may register on line at [www.shocksociety.org](http://www.shocksociety.org)

**Hotel reservations must be made directly through the hotel.** There is a link on the Shock Society website for this purpose. [www.shocksociety.org](http://www.shocksociety.org)

#### **ABSTRACT DEADLINE - JANUARY 31, 2009**

This early deadline will ensure timely and complete distribution of the published abstracts to attendees well in advance of the conference.

#### **RULES FOR SUBMISSION**

Abstracts must conform to the instructions explicitly. **Abstracts will be prepared by a direct reproduction of the abstract you submit electronically.** [www.shocksociety.org](http://www.shocksociety.org) (follow link to abstract submission)

#### **NEW INVESTIGATOR - TRAVEL GRANT AWARDS**

These competitions are open to pre-doctoral students (MD, PhD, D.V.M., DO and DDS) and postdoctoral trainees with no more than 2 years postdoctoral research training. Please be sure to check the appropriate box on the abstract form and include a) curriculum vitae, b) brief letter from advisor guaranteeing the participant's eligibility, senior role in the project and that no part of the study will be presented at a national or international meeting prior to the Shock Conference, and c) statement of need for travel assistance, if requested. If you do not check the Travel Award Box, your abstract will not be considered for a Travel Award.

**Important Note:** Applications received after the deadline or are incomplete will not be considered for the awards.

#### **ABSTRACT HANDLING FEE**

**An abstract handling fee will be required for each submitted abstract.** Failure to do so will disqualify abstract consideration by the program committee.

#### **PUBLICATION**

All abstracts accepted for presentation will be printed in **SHOCK**. This will be mailed in May to all Society members. Copies will also be available at the meeting for all registered participants.

**REGISTRATION FEES** admit members, non-members and students to scientific sessions, social functions including the opening reception, coffee breaks and all meals except on the free afternoon (Monday lunch and dinner).

#### **STUDENT REGISTRATION**

Student registrants must have a department head or research advisor certify student's eligibility. If registering at the meeting bring a student ID card or letter signed by your department head/advisor.

#### **SPOUSE/GUEST**

This category permits a guest or spouse of the participant to attend meal and social functions. **This is a social registration** - to be admitted to a scientific session you **MUST** be registered as a participant.

#### **CHECKS**

All checks must be written in US funds. All fees quoted are in US dollars.

#### **CREDIT CARDS**

The Shock Society accepts **Visa and MasterCard Only** for payment of registration and other fees. Please print your credit card number carefully and be sure to include all digits. Indicate the type of credit card and include the expiration date. **Note:** Incorrect or incomplete credit card numbers, no expiration date and credit cards other than Visa and MasterCard will delay the processing of your meeting registration. **IMPORTANT:** Make sure your credit card numbers are readable and that your signature does not cover the numbers.

#### **EARLY REGISTRATION**

To take advantage of the "early" discounted rate, registration must be postmarked on or before **APRIL 16, 2009**.

#### **ADVANCE REGISTRATION**

Registration may be made in the "advance" category between **April 17 and MAY 3, 2009**. After this date registration must be made at the meeting and at the higher rate.

Mail/Fax the enclosed registration card with the applicable fee to:

SHOCK SOCIETY  
26064 Capital Drive - Suite A  
P.O. Box 1187  
Daphne, AL 36526  
FAX: 251-625-4439

**REFUNDS** -Advance registrants must request refunds in writing. **Refund requests will not be honored after MAY 20, 2009.** There will be a \$50 handling fee for any registration.

**REFUNDS WILL BE MADE AFTER THE MEETING.**

## BADGES AND PROGRAMS

Badges and programs will be available at the meeting registration desk. Badges must be worn to all sessions and meal functions. Hotel security will admit only participants wearing badges to Society functions. **Dinner tickets will be collected at the door for all participants.**

## CONFERENCE HOTEL

A AAA Four Diamond retreat, The Westin La Cantera Resort, San Antonio is truly a cut above. Condé Nast Traveler named this lavish hilltop retreat as one of the "World's Best Places to Stay" in 2006. Nestled in the hill country just north of the city, you have the opportunity to see the countryside or visit the city. Guests are just down the road from fun activities like Six Flags Fiesta Texas and SeaWorld Texas. And now located just minutes from the resort is The Shops at La Cantera, a mega shopping complex with Neiman Marcus, Nordstrom and 80 other world-class shopping experiences.

Golf Magazine has recognized La Cantera as one of "America's Best Resorts" for their two courses and renowned Golf Academy.

## HOTEL RESERVATIONS

A special room rate of **\$199 per night single or double occupancy** has been arranged for Shock Society attendees. Room categories will be booked on a first come, first serve basis. Suites are available upon request. (contact resort for details).

**Hotel Reservations may be made on line at [www.shocksociety.org](http://www.shocksociety.org) (follow hotel link)**

To make reservations directly with hotel, you may phone: (210) 558-6500.

NOTE: Please indicate that you are with the Shock Society

## HOTEL DEADLINE

It is important that you make your reservations for the hotel before **May 3, 2009**. It is particularly urgent that you note this deadline because our block of rooms will be released on this date! After that time, regular rates may apply and space availability is not guaranteed.

## GETTING THERE

Located in Northwest San Antonio near the intersection of Interstate Highway 10 and Loop 1604, the hotel is approximately 15 miles from the downtown Central Business District and historic River Walk, and approximately 12 miles from San Antonio International Airport.

Please visit the [Westin La Cantera website](#) for door-to-door directions.

While the resort does not provide shuttle service to and from the airport, the concierge can make all transportation arrangements for you. Taxi service from the San Antonio International Airport to the Westin La Cantera is approximately \$40 one way. Private sedan service from the San Antonio International Airport to the Westin La Cantera is approximately \$75 one way.

ATTRACTIONS - Free Afternoon

[The Alamo](#)

[Aztec on the River](#)

[Buckhorn Saloon and Museum](#)

[Enchanted Springs Ranch](#)

[La Villita](#)

[Market Square—El Mercado](#)

[River Walk \(Paseo Del Rio\)](#)

[San Antonio Botanical Garden](#)

[San Antonio Children's Museum](#)

[San Antonio Missions National Historical Park](#)

[San Antonio Museum of Art](#)

[San Antonio Zoological Gardens and Aquarium](#)

[Spanish Governor's Palace](#)

[Tower of the Americas](#)

## Preliminary Program Information

The 32<sup>nd</sup> Annual Conference on Shock will convene in San Antonio, Texas June 6-9, 2009. The Program will include workshops and symposia presented by leading investigators in timely subjects.

**Stem Cell Rescue** will be co-chaired by Dan Meldrum, M.D. and Irshad Chaudry, Ph.D. joined by Laura Suggs, Ph.D., Charles Cox, M.D., David Hackam, M.D., and Muhammad Ashraf, Ph.D. The presentations cover stem cell delivery systems, stem cell mechanisms of protection, anti-inflammatory effects of stem cells, and stem cell therapy in trauma.

**Epigenetics in Inflammation** will be co-chaired by Ani Banerjee, Ph.D. and Edward Abraham, M.D., joined by Andrew Chess, Ph.D. The discussions include an overview of epigenetics, interchromosomal interactions, and mi RNA therapy in shock.

**Virtually Virchow: Inflammation meets Coagulation** will be co-chaired by Dan Remick, M.D., and Deborah Stearns-Kurosowa, Ph.D., joined by Jamey Marth, Ph.D., Jill Sondeen, Ph.D., Markus Huber-Lang, M.D., Judith Hellman, M.D., and Ed Abraham, M.D. The topics include the interaction of complement and coagulation in early trauma, prehospital factor VII a for uncontrolled hemorrhage, the role of the Ashwell-Morell receptor in sepsis, TLR-2 pathways in sepsis induced endothelial activation, and the role of coagulation factors in PMN activation and clearance.

**Innate / Adaptive Counterpoise** will be co-chaired by Jim Lederer, Ph.D. and Eugen Faist, M.D., joined by De Yang, M.D., Ph.D., Timothy Billiar, M.D., Edward Sherwood, M.D., and Alfred Ayala, Ph.D. The presentations include alarmins in the injury response, endogenous response to injury, immune consequence of trauma, costimulatory receptors in sepsis, and the cellular immune response to sepsis.

**Inflammation and the Host Response** will be chaired by Ron Maier, M.D. and Linc Moldawer, Ph.D., joined by Wen Xiao, Ph.D., David Camp, Ph.D., Carol Miller-Graziano, Ph.D., Mehmet Toner, Ph.D., Perren Cobb, M.D., and Ronald Tompkins, M.D. This session will highlight some of the accomplishments of the Glue Grant and includes genomics of acute injury, genomic prediction of VAP, and proteomics of the innate immune system, mass spectroscopy proteomics, and microfluidics for cell subpopulations.

Scott Somers, Ph.D. will also conduct a luncheon session entitled **Promoting Diversity in Research**.

The Young Investigators will have their annual competition in addition to seven mini-symposia, which will be organized according to the highest ranked subject material of the submitted abstracts.

# THIRTY-SECOND ANNUAL CONFERENCE ON SHOCK

Westin La Cantera Resort – San Antonio, Texas

June 6 – 9, 2009

## CALL FOR ABSTRACTS

The Thirty-second Annual Conference on Shock will be held June 6 – 9, 2009 at the Westin La Cantera Resort in San Antonio, Texas. This conference offers an opportunity to present data in Poster Sessions. The Program Committee will designate the placement after considering all abstracts for topic, grouping, etc. Finalists for the New Investigator Award will be asked to present their work in a 10 minute Power Point presentation followed by a 5 minute discussion.

The number of abstracts to be included in this year's program will be limited. Abstracts will be critically evaluated and their selection will be based on the following three criteria: data content, originality of the work, and relevance to shock and trauma areas.

It is mandatory that in each instance where studies pertaining to human subjects were carried out, appropriate informed consent and sanction of the local Human Research Committee was obtained. Only original unpublished research should be submitted. Further it is assumed that the same material will not be presented in identical form elsewhere. **Please note that no name may appear as first author on more than one abstract.**

### ACCEPTANCE

All abstracts will be reviewed by the Program Committee, **Ernest E. Moore, M.D.**, Chair. Authors will receive notification of acceptance and type of presentation (poster or oral) as soon as the program has been organized.

### PUBLICATION

All abstracts accepted for presentation will be printed in the Journal, SHOCK. In addition, manuscripts may be submitted to the Editor of SHOCK for consideration, following editorial review, for publication in SHOCK. Please submit articles based on original work not previously published and prepare manuscripts according to the instructions published in SHOCK.

### ABSTRACT DEADLINE

**Abstracts must be submitted electronically by January 31, 2009** <http://shocksociety.org/abstracts.html>

### AWARDS

#### ELIGIBILITY:

Pre-doctoral Students: M.D., Ph.D., D.V.M., D.O., D.D.S.,  
Post-doctoral Trainees with no more than  
2 years postdoctoral research training

#### FIELD:

Basic, applied, and clinical research in the area of shock,  
such as sepsis, hemorrhage, endotoxin, burn, and  
trauma

#### COMPETITION:

Five finalists are to be selected by the Awards  
Committee of the Shock Society,  
**Robert N. Cooney, M.D.**, Chair

Finalists will present their work in a ten-minute  
presentation followed by a five minute discussion at the:  
32<sup>nd</sup> Annual Conference on Shock San Antonio, Texas  
June 6 – 9, 2009

### NEW INVESTIGATOR AWARDS:

**Important Note:** To assist in determining the recipient of the New Investigator Award, it is expected that the 5 finalists will submit a complete manuscript of their work to the Chairperson of the Awards Committee no later than 2 weeks prior to the annual meeting.

Each of the five finalists is to be recognized with a plaque, a cash award (first place \$600, four other finalists \$300) and a travel grant of up to \$1000 of lowest cost round trip airfare, if needed. Submitted manuscripts will undergo an expedited review by the Editor of SHOCK and upon their acceptance will be highlighted in a future issue of the journal.

### TRAVEL GRANTS:

Travel grants of up to \$1000 of lowest cost round trip airfare will be provided to additional competitors based on scientific merit and financial need. **NOTE:** This year selected applicants applying for these awards may also be asked to give a 3-4 minute oral presentation to an audience of their awardee/student peers in the **“Oral presentations by and for New Investigators”** on Tuesday, June 9, 2009.

The appropriate box on your electronically submitted abstract must be marked for New Investigators Competition. A copy of your electronically transmitted abstract must be accompanied by a curriculum vitae and a brief letter from the advisor guaranteeing the participant's eligibility, senior role in the project, and that no part of the work will be presented at a national or international meeting prior to the Shock Society Meeting.

Applicants for travel grant awards must also mark appropriate box on abstract form and include a statement of need for travel assistance. **Note:** Incomplete applications or applications received after the deadline will not be considered for awards.

#### **INSTRUCTIONS FOR POSTER PRESENTATIONS**

Abstracts scheduled for presentation in poster sessions will be grouped by topic, numbered, listed in the program and published in the abstract book in the usual manner. Your abstract confirmation letter will inform you of the time and place for your poster session. The poster board is approximately 4 feet (48 in.) high and 8 ft. (96 in.) wide. For the top of your poster, prepare a heading or sign indicating the title, authors and affiliations. The lettering for this section should not be less than 25mm (1") high.

Posters should be mounted on the assigned board as early as possible before the scheduled poster session. Posters should be in place for the full session period as scheduled in the program. Mount your poster on the fiberboard by means of push-pins or Velcro.

All illustrations, charts and drawings should be similar to those you would use in making slides, only larger and more heavily drawn. Keep illustrative material simple. Do not mount material on heavy cardboard because it may be difficult to keep in position on the poster board. Printed material should be prepared using large type that is readable from a distance. Keep text brief. Hand-lettered material should be at least 3/8" high; block letters should be shaded where possible. The use of color can add emphasis effectively. The poster should be clear and understandable without oral explanation.

An ABSTRACT of your presentation should be posted. It is useful to have a tablet or sketch pad and a marking pen to use in discussion and further illustration.

**ONLY VELCRO and/or PUSH-PINS ARE TO BE USED TO ATTACH POSTERS TO THE POSTER BOARDS!**

**ANY DAMAGE TO THE POSTER BOARD WILL RESULT IN THE ASSESSMENT OF A \$25 FEE TO THE FIRST AUTHOR.**

**DO NOT:** Use tape of any kind on poster boards (this includes scotch, masking, two-sided tape, etc.)  
**DO NOT:** Use adhesive backed foam strips on poster boards. **DO NOT:** Paint, draw or write on poster boards.

**Notes on poster sessions:** each poster session lasts no more than 2.5 hours. Presenters are expected to be available beside their poster so that questions may be asked and answered.

#### **INSTRUCTIONS FOR ORAL PRESENTATIONS**

Abstracts scheduled for presentation in sessions (Plenary/Mini-symposia) will be grouped by topic, numbered and listed in the program and published in the abstract book in the usual manner. Your abstract confirmation letter will inform you of the time, place and Chair of your session. The time allotted for your presentation will be no more than 10 minutes with 5 minutes allowed for discussion.

A LCD projector and computer will be available in your session room. Please inform the Society Office if you require other projection equipment.

**NOTE:** Concerning Power Point Presentations, a data-projector for use with a Microsoft Windows laptop computer will be available in the sessions rooms. Speakers must provide their presentations on CD or USB 'thumb drive' and load on the hotel in-house computer at least 45 minutes prior to the session. The computer will be located on the speaker's rostrum and the projection will be controlled by the presenter.

Make sure the format of your presentation is simple and uncluttered. A good presentation has a clear purpose and is readily understood - free of nonessential information. In most instances graphs serve a better purpose than tabular lists of data. Limit tables to 3 to 4 columns and no more than 5 to 6 rows. Typefaces easiest to read are **bolded** Arial or Universal.

Inspecting a computer monitor up close can be misleading. If you step back from your computer monitor 8-10 ft and read it, then it should be readable even to the audience at the back of most halls.

# TWENTY-SIXTH ANNUAL PRESIDENTIAL RUN

**Westin La Cantera Resort  
San Antonio, Texas  
Monday June 8, 2009 6:00 AM**



The 2009 Presidential run will be held in San Antonio, Texas. The Presidential Run will be 5 kilometers. Runners should meet in the lobby at 6:00 for the start of the race.

All runners must pre-register and sign the release form. Special T-shirts commemorating the event will be given to all pre-registrants who compete, and to all on-site registrants as long as supplies last. Awards will be announced at the dinner on Tuesday, June 9<sup>th</sup>. The Presidential run is open to all registrants of the meeting and accompanying guests.

Registration form

Send all forms and correspondence to: <b>Mark Clemens, Ph.D.</b> Department of Biology University of North Carolina at Charlotte 9201 University City Blvd Charlotte NC 28223-0001	Pick up race numbers at the registration desk prior to the race.  Pre-entry Deadline May 15 <sup>th</sup> , 2009
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Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_ Country \_\_\_\_\_

Age on Race Day \_\_\_\_\_ Gender M F Phone \_\_\_\_\_

Signature (parent if under age 18) \_\_\_\_\_ Date \_\_\_\_\_

Shirt size  Large  Extra Large

In consideration of your accepting this entry, I, the above signed, intending to be legally bound hereby, for myself, my heirs, executors and administrators, waive and release any and all rights and claims for damages I may have against the Shock Society and its officers and members and all representatives of the Westin la Cantera Resort and assigns for any and all injuries suffered by me in said event. I verify that I am physically fit and have sufficiently trained for the completion of this event and my physical condition has been verified by a licensed Medical Doctor.

