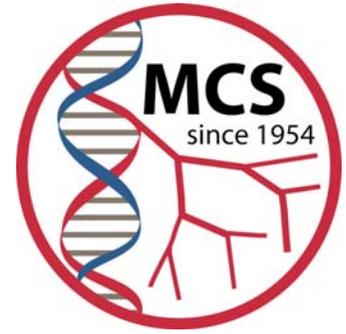


# The Microcirculatory Society, Inc.

## Newsletter

Volume 39, Number 2 – Fall 2011



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### Officers

President  
Matthew Boegehold, Ph.D.  
[mboegehold@hsc.wvu.edu](mailto:mboegehold@hsc.wvu.edu)

President-elect  
Michael Hill, Ph.D.  
[HillMi@missouri.edu](mailto:HillMi@missouri.edu)

Secretary  
Tara Haas, Ph.D.  
[thaas@yorku.ca](mailto:thaas@yorku.ca)

Treasurer  
Rolando Rumbaut, M.D., Ph.D.  
[rrumbaut@bcm.tmc.edu](mailto:rrumbaut@bcm.tmc.edu)

## A Note from the President

### Fall Greetings!

I would like to update the membership on a few important items:

**Joint meeting of the MCS and British Microcirculation Society.** Plans for the joint meeting of the MCS and BMS on July 4-6, 2012 are progressing. You will soon be able to register and submit abstracts on the meeting website: <http://www.microcirc2012.com>.

In the meantime, we are trying to get an idea of how many attendees we may have from the MCS. We will be sending out an email message to the membership that links to a single-question survey, and we would greatly appreciate it if you could take a minute and indicate whether or not you plan on attending. Thanks in advance for your cooperation!

**Awards.** Our society continues to provide substantial support to its membership, particularly trainees and young scientists, through our awards program. The call for award nominations, including a description of each award, is included in this newsletter. Please note the deadlines, particularly for the Landis Award, which is earlier than the others. Send nominations for awards to Mariappan Muthuchamy, Chair, Awards Committee, at [marim@tamu.edu](mailto:marim@tamu.edu)

**Nominations for MCS Officers.** A nomination ballot is also included in this newsletter. Please take a few moments and nominate deserving individuals for President-Elect, Secretary and Councilor. Our society's success depends on your involvement, both in the nomination process and in the vote!

**Society Membership.** Our membership committee and our Director of Membership, Johanna Derda, have been working hard to recruit and retain members in the society. Please help the MCS in this endeavor by making sure that your e-mail address and other contact information are correct in our database and by encouraging your trainees, colleagues and friends to consider joining our society. **Lastly, but importantly, please pay your dues!**

**Plans for the Annual Meeting at EB 2012.** We are finalizing the meeting plans for this spring in San Diego, CA:

**Saturday, April 21, 2012**

**9:00-11:30 am :** President's Symposium I. "Cation Channels and Vascular Control: ENaC, ASIC and TRPV Proteins"

**11:30 am-2:00 pm:** MCS Awards Luncheon

**2:00-4:30 pm:** President's Symposium II: Trainees' Free Oral Communications (*description below*)

**Sunday, April 22, 2012**

**3:30-4:30 pm:** MCS Landis Award Lecture – to be announced

**4:45- 5:30 pm:** MCS Business Meeting

**Monday, April 23, 2012**

**10:30 am-12:30 pm:** MCS Young Investigator Symposium. "Oxidant Stress and Inflammation in the Microcirculation" (*description below*)

As part of our ongoing effort to support and develop our young members, we are providing two great opportunities for graduate students and postdoctoral fellows to present their accomplishments orally in an international venue:

The "**Trainees' Free Oral Communications**" session will comprise the second part of the MCS President's Symposium on Saturday afternoon after the MCS Awards Luncheon. These will be short oral communications (~8-10 minutes total time) that will be selected from abstracts submitted by graduate students or postdoctoral fellows in any of the Microcirculatory Society Categories (see below). These abstracts are NOT limited to the theme of the Young Investigators Symposium.

We invite all trainees to submit your EB2012 abstract for presentation at this session. To be considered for presentation, you must: **Step #1:** Have submitted your abstract to one of the Experimental Biology 2012 Microcirculatory Society Categories for poster presentation. **Step #2:** Email your submitted abstract to Dr. Julian Lombard, Chair, MCS Programs and Meetings Committee, at: [jlombard@mcw.edu](mailto:jlombard@mcw.edu). Indicate that you would like your abstract to be considered for presentation at the MCS Trainees' Free Oral Communications Session. You will be notified by Dr. Lombard in early January 2012 if you have been selected to present at the Trainees' Free Oral Communications Session.

The **MCS Young Investigator Symposium**, entitled "Oxidant Stress and Inflammation in the Microcirculation", will be held on Monday, April 23. We invite graduate students and postdoctoral fellows to submit an EB2012 abstract for consideration of presentation in the Young Investigator Symposium. To be considered for presentation, you must: **Step #1:** Have submitted your abstract to one of the Experimental Biology 2012 Microcirculatory Society Categories for poster presentation.

**Step #2:** Email your submitted abstract to Dr. Julian Lombard, Chair, MCS Programs and Meetings Committee, at: [jlombard@mcw.edu](mailto:jlombard@mcw.edu)  
Indicate that you would like your abstract to be considered for presentation at the MCS Young Investigator Symposium. You will be notified by Dr. Lombard in early January 2012 if you have been selected to present at the Young Investigator Symposium.

**The success of these sessions depends not only on the hard work of our trainees but also on the participation of our senior scientists. Please support our trainees by attending and interacting with them during these sessions and throughout EB2012. They are the future of this society!**

**Registration and abstract submission.** When registering for EB2012, **please make sure that you check the box indicating membership in the Microcirculatory Society!** Also, please submit your abstracts using the Microcirculatory Society topic categories. We receive meeting assistance each year from the APS, and this is based on the expectation of a certain number of abstracts per year.

**Microcirculatory Society Topic Categories for EB 2012:**

- 1031-APS Angiogenesis/microvascular remodeling/injury & repair
- 1032-APS Atherosclerosis/thrombosis/platelets
- 1033-APS Inflammation/leukocyte-endothelium interactions
- 1034-APS Instrumentation and live cell imaging
- 1035-APS Ischemia-reperfusion/free radical biology
- 1036-APS Lymphatic and venular function
- 1037-APS Microvascular cell signaling pathways
- 1038-APS Microvascular development and aging
- 1039-APS Microvascular flow regulation/oxygen delivery/networks
- 1040-APS Microvascular mechanics/hemodynamics/rheology
- 1041-APS Microvascular molecular biology/genetic approaches
- 1042-APS Microvascular pathophysiology/tumor microcirculation
- 1043-APS Microvascular pharmacology/therapeutics
- 1044-APS Pericytes and Stem Cells
- 1045-APS Permeability/fluid & solute exchange/glycocalyx
- 1046-APS Tissue-microvessel interactions/extracellular matrix
- 1047-APS Vasomotor control: endothelium/smooth muscle/nerves

I look forward to seeing you all in San Diego.

Warm Regards,



Matthew A. Boegehold, Ph.D.  
President

# The Microcirculatory Society Call for Award Nominations

The Awards Committee of the Microcirculatory Society is now accepting nominations and applications for the following awards:

## **The Eugene Landis Award**

The award is presented annually to an outstanding investigator in the field of Microcirculation and residing in the United States or Canada. The awardee is expected to be an active investigator. Nominations must include (1) a letter from the nominator, (2) a current CV of the nominee and (3) a list of the 10 most significant publications in the past 10 years. Additional letters of support are encouraged. At the annual meeting, the recipient will receive a certificate and \$2000, and invited to present a summary of his or her professional and research accomplishments. *Deadline - November 11, 2011*

## **The Microcirculatory Award for Excellence in Lymphatic Research**

The award recognizes meritorious research in the area of lymph, lymphatics or the interstitium and is presented annually to a young investigator within 10 years of completing their PhD or MD. Applications should include (1) a letter describing the applicant's research activities, (2) a manuscript suitable for publication in *Microcirculation* and (3) a current CV. The awardee will receive a certificate and \$500 at the annual business meeting. *Deadline December 02, 2011*

## **The August Krogh Young Investigator Award**

The award is presented to encourage excellence in microcirculatory research by new, young investigators. Applicants must be graduate students or young investigators within 3 years of completing their PhD or first MD residency. Applications should include (1) a letter of nomination from a member of the Society, (2) a manuscript suitable for publication in *Microcirculation* and (3) a current CV. Additional letters of support are encouraged. The awardee will receive a certificate and \$1000 at the annual business meeting. *Deadline December 02, 2011*

## **The Microcirculatory Society Travel Award for Outstanding Young Investigator**

This award is presented to a young investigator from the United States or Canada toward visits to laboratories outside of North America. Applicants must be within 12 years of completing their PhD or first MD residency. Applications should include (1) an itinerary including laboratories to be visited, (2) a letter describing the benefits of the award to the applicant's career and advancement of microcirculatory research, and (3) a current CV. Additional letters of support are encouraged. The awardee will receive a certificate and \$5000 toward travel expenses associated with the trip. In addition, the recipient will present a brief report of their trip at the next annual meeting. *Deadline December 02, 2011*

## **The John R. Pappenheimer Postdoctoral Travel Awards**

These awards are presented to young investigators to encourage their participation in the annual meeting. Applicants must be within 3 years of completing a PhD or first MD residency

and have submitted a *first author abstract to one of the Microcirculatory Society sessions at Experimental Biology 2011*. Applicants need not be members of the Society. Applications should include (1) a copy of the submitted abstract and (2) a letter of support from their mentor. The awardee will receive a certificate and \$750 at the annual business meeting. Previous recipients are not eligible to reapply. *Deadline December 02, 2011*

### **The Benjamin Zweifach Graduate Student Travel Awards**

These awards are given annually to exceptional young scientists in training to encourage their participation in the annual meeting. Applicants must have submitted a *first author abstract to one of the Microcirculatory Society sessions at Experimental Biology 2011*. Applicants need not be members of the Society. Applications should include (1) a copy of submitted abstract and (2) a letter of support from their supervisor. The awardee will receive a certificate and \$750 at the annual business meeting. Previous recipients are not eligible to reapply. *Deadline December 03, 2010*

Additional descriptions and details are available on the Society web page ([http://microcirc.org/ABOUT/MCS\\_Awards.html](http://microcirc.org/ABOUT/MCS_Awards.html))

Deadlines for receipt of completed applications and nominations  
The Eugene Landis Award - **November 11, 2011**  
All other awards - **December 02, 2011**

Send all materials to:  
**Mariappan Muthuchamy, PhD**  
Chair, Awards Committee  
marim@tamu.edu

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## **Welcome to New MCS Members**

### **Regular Members:**

Shaun Sandow, University of New South  
Wales, Australia

### **Student Members:**

Christopher Monceaux, Louisiana State University Health  
Science Center  
Devendra Sawant, Texas A&M Health Science Center  
Mohammad Jafarnejad, Texas A&M University

## Notice for MCS Members!

The **Nominations Committee** is now seeking nominees for:

President-Elect, Treasurer and Councilors

(2 councilor slots will be filled)

*Don't put it off... Do it today!*

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### 2012-2013 Microcirculatory Society Nomination Ballot

Please provide nominees' names and their contact information.

**President-Elect:** \_\_\_\_\_

Complete contact information: \_\_\_\_\_

\_\_\_\_\_

**Treasurer:** \_\_\_\_\_

Complete contact information: \_\_\_\_\_

\_\_\_\_\_

**Councilors:**

(1) \_\_\_\_\_

Complete contact information: \_\_\_\_\_

\_\_\_\_\_

(2) \_\_\_\_\_

Complete contact information: \_\_\_\_\_

\_\_\_\_\_

**Note: The deadline for receipt of nominations is: November 1, 2011**

Please Email or Fax nominations by November 1st to:

**Dr. Dwayne N. Jackson, Ph.D.**

**Assistant Professor**

**Director of the A.C. Burton Laboratory for Vascular Research**

**Department of Medical Biophysics**

**Schulich School of Medicine & Dentistry**

**The University of Western Ontario**

**London, Ontario Canada N6A 5C1**

**Email: [dwayne.jackson@schulich.uwo.ca](mailto:dwayne.jackson@schulich.uwo.ca), FAX: 519-661-2123**

## Upcoming Meetings

### **Experimental Biology and MCS Annual Meeting**

San Diego, CA - April 21-25, 2012

<http://experimentalbiology.org/EB/pages/default.aspx?splashpage=1>

### **British Microcirculation Society Annual Meeting joint with the American Microcirculatory Society**

Keble College, Oxford, UK—July 4-6, 2012

<http://www.microcirc2012.com>