

# Newsletter of The Microcirculatory Society, Inc.

Volume 37, Number 1 – Summer 2009



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## Officers

### President

William F. Jackson, Ph.D.  
[jacks783@msu.edu](mailto:jacks783@msu.edu)

### President-elect

David C Zawieja, Ph.D.  
[dcz@tamu.edu](mailto:dcz@tamu.edu)

### Secretary

Judy Muller-Delp, Ph.D.  
[jdelp@ufl.edu](mailto:jdelp@ufl.edu)

### Treasurer

Terrence Sweeney, Ph.D.  
[sweeneyt1@scranton.edu](mailto:sweeneyt1@scranton.edu)

## A Note from the President

It is a pleasure and a distinct honor to write to you as the 52<sup>nd</sup> president of the Microcirculatory Society, Inc. Many former Presidents of the MCS are among my scientific heroes and I am truly humbled to be counted among their ranks.

As a scientific society, we have much of which to be proud. Our annual meeting in conjunction with Experimental Biology continues to be successful: We had an excellent turn-out at the President's Symposium and Workshop, the Landis Award Lecture and the Young-Investigator Symposium at our recent meeting in New Orleans, and our poster sessions were also well attended. We should be particularly proud of our awards programs: in addition to our traditional Eugene M. Landis Research Award and the MCS Travel Award, we presented 10 Zweifach Student Travel Awards and 10 Pappenheimer Postdoctoral Travel Awards in New Orleans to support grad student and postdoctoral fellow participation in our annual meeting.

I am looking forward to attending the Fall Meeting of the MCS, "Frontiers in Microcirculation: Control Processes and Clinical Applications", October 16-17, 2009 at the University of Missouri, Columbia. Registration and abstract submission for this meeting are now open (see below, for more information). This should be an excellent small meeting, and I encourage all of you to attend.

Our Spring Meeting will be held in Anaheim, CA in conjunction with Experimental Biology. All of our oral sessions (see below) will be held in the Platinum Ball Rooms in the Anaheim Marriott Hotel. We will begin on Saturday, April 24, 2010 with the President's Symposium, Ion channels and Regulation of Vascular Function, from 9:00-11:30 AM in the Platinum Ballroom 3/4. This will be followed by our Awards Banquet, which also will be held in the Marriott (room to be announced closer to the meeting). I have recruited Dr. Ed Inscho, Medical College of Georgia, to organize an outstanding afternoon session focused on the Renal Microcirculation. This will be held from 2:00-4:30 PM also in the Platinum Ballroom 3/4. The Landis Award Lecture will be held in the same room on Sunday, April 25, 2010, from 3:15-5:15 PM. Finally, the MCS Young Investigator Symposium will be held, Monday, April 16, 2010 from 10:30-12:30 in the Platinum Ballroom 7/8. The abstract deadline for Experimental Biology 2010 is November 4, 2010.

The microcirculatory year will culminate with the 9<sup>th</sup> World Congress for Microcirculation, which will be held September 25-28, 2010, in Paris, France. Additional information can be obtained at the following website: <http://www.worldmicrocirc.org/>. Information about registration and abstract submission will be forthcoming.

I am thrilled to announce that Dr. Jeff Frisbee, West Virginia University, will succeed me as Editor-in-Chief of our journal, *Microcirculation* (see letter from Jeff, below). Jeff has done an outstanding job as Associate Editor during my tenure as Editor, and I am certain that the journal will flourish under his guidance. As always, I encourage every member of the MCS to actively support our society's journal by submitting high impact manuscripts to *Microcirculation*. You can also aid in health of the journal by citing recent papers from the journal in all of your publications.

In addition to our ongoing activities relating to our annual meeting, Society Awards, publisher contract negotiations and updating of the Society's web site, new initiatives for 2009-2010 include updating and expanding the Wikipedia entries that encompass the microcirculation, designing a new logo for the MCS, and evaluating/updating the committee structure of the Society. Importantly, I am excited to announce that Johanna Echols has been appointed Membership Director of the MCS. Johanna brings with her a wealth of experience in professional society management and particularly membership recruitment and retention (see below for more information). I will keep you posted on all these efforts as they develop.

Finally, I urge all of you to take an active role in the MCS. In addition to paying your annual dues, please consider running for office, or volunteering to work on one of our committees (note: we still have a few vacancies – please consider volunteering!). I also encourage you to recruit new members to the society. There are many people doing research on the microcirculation that don't even know that we exist – let's make it a point during the next year to bring those people into the society!

Sincerely,



William F. Jackson, Ph.D.  
President

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## Introducing Johanna Echols, Membership Director

Johanna Echols is the Executive Director for the Missouri Chapter of American Academy of Pediatrics and the Missouri Section of Obstetricians and Gynecologists in Jefferson City, Missouri. As neither of these positions is full time she has accepted to serve as the new Membership Director of the Microcirculatory Society, Inc. Echols has extensive experience with medical societies, she worked for the past ten years for the Missouri State Medical Association as their Director of Membership. Johanna Echols is originally from Frauenfeld, Switzerland; she was a Flight Attendant based in New York and later became a media spokesperson for the Missouri Poultry Federation for 19 years. While with the Missouri Poultry Federation she also became Assistant Director and managed membership needs in four states. Let's welcome Johanna! We look forward to her assistance in the growth of the MCS.

## Welcome to New MCS Members

### Regular Members:

Ranjeet Dongaonkar  
Texas A&M University, College Station, TX  
[ranjeet@tamu.edu](mailto:ranjeet@tamu.edu)

### Associate Member:

Flavia Souza  
LSU Health Sciences Center, New Orleans, LA  
[fsouz1@lsuhsc.edu](mailto:fsouz1@lsuhsc.edu)

Dan Predescu  
Rush University, Chicago, IL  
[Dan\\_Predescu@rush.edu](mailto:Dan_Predescu@rush.edu)

Sherry Chao  
University of Missouri, Columbia, MO  
[chaos@health.missouri.edu](mailto:chaos@health.missouri.edu)

Andrew Braun  
University of Calgary, CA  
[abraun@ucalgary.ca](mailto:abraun@ucalgary.ca)

Ming Zhang  
Temple University, Philadelphia, PA  
[mzhang@temple.edu](mailto:mzhang@temple.edu)

## A note from the new Editor-in-Chief for Microcirculation

To the MCS Membership:

As most of you know, I will be following Dr. William Jackson as the new Editor-in-Chief of *Microcirculation*. This term will officially begin on January 1, 2010 and run for next five years to December 31, 2014. I would like to thank Bill, the members of the Publications Committee and the Executive Council for this opportunity and it is one that I approach with considerable enthusiasm.

For the coming term, a new group of Associate Editors has been assembled, each of which has extensive expertise in a specific area. These individuals are:

Dr. Michael J. Hickey; Monash University, Australia (Vascular Inflammation)  
Dr. Tara L. Haas, York University, Canada (Angiogenesis/Rarefaction)  
Dr. Donald G. Welsh, University of Calgary, Canada (Vascular Communication and Signaling)  
Dr. David C. Zawieja, Texas A&M University, USA (Lymphatics and Permeability)  
Dr. David W. Stepp, Medical College of Georgia, USA (Cardiovascular Disease Risk and Vasculopathy)  
Dr. Timothy W. Secomb, University of Arizona, USA (Computational Modeling)  
Dr. Geraldine F. Clough, University of Southampton, United Kingdom (Clinical/Translational Research)

Additionally, we are finalizing the new Editorial Board for the journal, and anticipate that this will be completed very shortly.

While we will continue the excellent tradition of publishing high quality manuscripts in all of the traditional areas of microcirculatory biophysics, physiology, pathophysiology and bioengineering, one of our goals for the coming term is to extend the presence of the journal into areas more relevant to Clinical and Translational Research as well. Under Dr. Clough's leadership, we especially encourage the submission of high quality manuscripts in this area.

With the expertise of Dr. Jackson, Dr. Neil Granger and the Publications Committee, we will continue to work with our current publisher (Informa Press) to speed not only the time to receipt of galley proofs, but also the time to electronic publication of your accepted work in both iFirst and PubMed, while keeping costs to the authors as low as possible.

We all urge you to support *Microcirculation* to the extent possible in your laboratories. This can most easily be accomplished by submitting your work to the journal for publication, as well as submitting timely review articles or new 'expert opinion' pieces that allow for a somewhat greater freedom in terms of speculation into needed areas for investigative effort or significant questions which continue to pose

challenges within an area. Also, we encourage you to cite previously published articles from *Microcirculation* in all of your manuscripts.

Thank you for your support and we are all looking forward to an exciting new term.

With best regards,

Jefferson C. Frisbee, Ph.D.  
Editor-in-Chief (elect)

## **Treasurer Report for The Microcirculatory Society, April 16, 2009**

Submitted by Terrence E. Sweeney, Ph.D., Treasurer

Net Worth, April 16, 2009

***Total Holdings \$271,356.74***

Summary of Holdings:

(changes in value are relative to April 4, 2008 Treasurer Report values)

Vanguard Account \$36,628.54 (**decrease of \$20,135.88**)

M&I Bank CD \$103,109.05 (increase of \$4,287.99)

Penn Security Checking \$117,311.86 (increase of \$1,445.96)

8th World Congress Paypal Acct. \$5.36 (trial account for registration)

**Total Holdings \$257,054.81 (decrease of \$14,301.93)**

## **Minutes of the 2009 General Business Meeting April 19, 2009 New Orleans, LA**

Meeting was called to order at 4:30p by Steve Segal, President, using the new Rosewood Gavel. The President and Secretary counted voting members present to be 45, thus meeting the necessary quorum of 40.

- I. Summary of Committee Reports
  - a. Finance – Treasurer’s Report – Was given by former Treasurer, and current Secretary, Molly Frame, due to Terry Sweeney’s absence (giving an oral presentation at the same time). The Treasurer’s report did not generate discussion.
  - b. Communications – Robert Hester
    - i. Tribute to Bob Gore – a frame-able certificate was presented to Bob Gore for his considerable work in setting up the initial MCS web site.
    - ii. Update on the WebPage – Robert outlined the major changes to the website in format, without changing content. After the current content is completed in the new format, he will request current DVD shorts for display online.
  - c. Publications – Update on the Microcirculation Journal – Bill Jackson
    - i. Results of the Survey – overwhelmingly showed that the membership wanted to keep the paper journal, and not have to pay for open access publications.

- ii. Informa – a new contract is being negotiated. This will be for 3 years.
- iii. Editor in Chief search is going well, with two qualified candidates. The nominations will be open until 4/24/2009.

The following topics were briefly covered by Steve Segal, per the Chair reports, found in the Appendix.

- d. Awards – Norman Harris
- e. Membership – Tolya Gashev
- f. Programming – Leslie Ritter
- g. Nominations – Mary Ellsworth
- h. Development – Joe Unthank
- i. International Liaison – Steve Segal
- j. Historical – Herb Lipowsky
- k. Long Range Planning – Cindy Meininger

## II. Cindy Meininger, Past President

- i. **Revisions to the By-Laws (vote) – Past President, Cindy Meininger** displayed page by page the proposed changes to the By-Laws. The power point presentation is included as an appendix. Points of discussion are noted here.

On slide five, the following sentences generated discussion.

“They shall attend to the ordinary running of the Society, making the decisions required for its smooth functioning. All major decisions shall be subject to the approval of the full Council or, in exceptional circumstances, the full membership.”

There was question regarding what constituted a major decision. Cindy proposed adding the phrase underlined above. After general discussion, Ingrid Sarelius summarized the general feeling of the membership by stating that there was trust in the Officers and Council to use judgment regarding what they felt was a Major, or an Exceptional Circumstance. No further discussion.

On slide seven, this sentence generated discussion. “The Secretary shall use the available means of communication to perform these duties. The Secretary shall also [DELETE]keep a[DELETE] have access to the electronic database which has a complete list of the name, title, and address of each member of the Society.”

The discussion concerned whether the Secretary should have a copy of the database, or should be the individual who maintained the database. The general consensus was that the Communications Committee through the web server was the official body to maintain the database. The Secretary should have immediate access to the database, and should retain a copy of that electronic database in a separate location from the server.

There was no further discussion. There was a motion for a vote, by President-Elect Bill Jackson, seconded by President Steve Segal. The By-Laws with the discussed revisions were accepted unanimously, without abstentions.

- ii. Operations Manual – this was not discussed.

## III. Efforts towards MCS Infrastructure – Steve Segal

- a. Summary of Council Meeting January 30, 2009 – Steve briefly outlined his logic for calling this meeting to address concern for the viability of the society, especially over our

recent difficulty in recruiting and retaining active visible membership. The key outcomes of that meeting were to brainstorm over an MCS mission statement, to agree that administrative support was mandatory for the survival of the society, and to critically examine the advantages that membership offers to potential new members.

- b. MCS Mission Statement – The mission statement was drafted by Steve Segal, and repeatedly emailed to the Council and Officers. Joe Unthank consolidated the mission statement which was critically examined at the Council Meeting on Friday 4/17/2009. At that meeting, the group realized that the best mission statement was slightly paraphrased from the Purpose Statement in the current By Laws. Steve relayed to the membership that this sentence would appear on the website.
- c. **Director of Membership (vote) – in keeping with the strong** agreement from Council that administrative support was mandatory for the society, at the January meeting, council met with a potential candidate, Mrs. Johanna Echols. Council felt that she would be an ideal candidate. Steve requested a vote from the membership to offer her a 2-year contract at \$12,000 over two years to serve as a Director of Membership for the MCS.

There was a motion to accept this proposal by Geert Schmid-Schoenbein, seconded by Ingrid Sarelius. This motion was accepted unanimously, without abstentions.

- IV. The Fall MCS Meeting at MU (October 16/17, 2009) – Steve Segal briefly relayed that the meeting registration would be \$250 between early May and the end of June; after this the late registration would be \$300. Further, there would be a \$40 abstract fee to pay for the cost of publishing. He reinforced that this meeting would be limited to 220 attendees. To limit attendance, there would be a “Gordon conference” style of refereeing abstracts and personal statements. There is space for six vendors, and a good amount of industry support, thus far. The R13 has an excellent score, so there is likely to be funding from NIH. Lastly, the list of key speakers was confirmed.

V. Future MCS Meetings

- a. EB 2010, April 24-28, 2010, Anaheim, CA. This was noted.
- b. 10<sup>th</sup> World Congress for Microcirculation, Sept 24-28, 2010, Paris. Steve Segal noted that the proposals for symposia must be submitted by July 1, 2009.
- c. **Joint meeting with BMS in July 2012? (vote)**

**Steve Segal** relayed that the BMS is interested in a joint meeting, likely July 2012, likely in Oxford (tentative). The timing is due to the expected increase in airfare cost in August with the Olympics in the UK.

After discussion regarding the exact timing of the next World Congress, and the next European Microcirc Society meetings, there was a friendly amendment to vote on the concept of a joint meeting, if the dates did not overlap with these meetings.

There was a call for a vote to agree to this meeting by Dave Zawieja, seconded by Bill Jackson. This motion was accepted unanimously, without abstentions.

- VI. Correcting an Omission – Steve Segal noted to the membership that last year in San Diego there was no Business Meeting, per se, and as such, the outgoing President, Cynthia Meininger, was not appropriately recognized for her service. A plaque embossed with her plane (and call numbers) was awarded to her.

VII. Passing of the Gavel

- a. Recognition of outgoing (Ric Rivers, Dave Zawieja, and Judy Muller-Delp), and incoming Councilors (Randy Sprague, Mike Davis, Joe Unthank).

- b. Recognition of outgoing (Molly Frame) and incoming Secretary (Judy Muller-Delp)
- c. Recognition of new President-Elect, Dave Zawieja
- d. Recognition of new President, Bill Jackson, by Past-President, Steve Segal. Bill presented Steve with a plaque with a raised relief of a gavel on the face. Steve officially turned the Rosewood Gavel over to Bill.

There was a motion to end the meeting by Steve Segal, seconded by Molly Frame. The meeting was adjourned at 6:30pm.

[Submitted by Mary (Molly) Frame, Ph.D., MCS Secretary]

## MCS Officers, Executive Council, and Committees: 2009-2010

Title/Position	Person	Term	Telephone	email
<b>OFFICERS</b>				
President	William F. Jackson	2010	(517) 353-5476	<a href="mailto:jacks783@msu.edu">jacks783@msu.edu</a>
Past President	Steven S. Segal	2010	(573) 882-2553	<a href="mailto:segalss@health.missouri.edu">segalss@health.missouri.edu</a>
President Elect	David C. Zawieja	2010	(979) 845-7465	<a href="mailto:dcz@tamu.edu">dcz@tamu.edu</a>
Secretary	Judy Muller-Delp	2011	(352) 273-8693	<a href="mailto:jdelp@ufl.edu">jdelp@ufl.edu</a>
Treasurer	Terrence E. Sweeney	2010	570) 941-7623	<a href="mailto:sweeneyt1@scranton.edu">sweeneyt1@scranton.edu</a>
<b>EXECUTIVE COUNCIL</b>				
Councilor	J. Steven Alexander	2010	(318) 675-4151	<a href="mailto:jalex@lsuhsc.edu">jalex@lsuhsc.edu</a>
Councilor	Michael A. Hill	2010	(573) 884-4601	<a href="mailto:hillmi@missouri.edu">hillmi@missouri.edu</a>
Councilor	Hans H. Dietrich	2011	(314) 362-3656	<a href="mailto:DietrichH@nsurg.wustl.edu">DietrichH@nsurg.wustl.edu</a>
Councilor	Randy S. Sprague	2011	(314) 577-8498	<a href="mailto:spraguer@slu.edu">spraguer@slu.edu</a>
Councilor	Michael J. Davis	2012	(573) 884-5181	<a href="mailto:davismj@health.missouri.edu">davismj@health.missouri.edu</a>
Councilor	Joseph L. Unthank	2012	(317) 274-7339	<a href="mailto:junthank@iupui.edu">junthank@iupui.edu</a>
Director of Membership	Johanna B. Echols	2010	(573) 301-3468	<a href="mailto:jbechols@embarqmail.com">jbechols@embarqmail.com</a>
<b>STANDING COMMITTEES</b>				
<b>MEMBERSHIP COMMITTEE</b>				
Chair	Anatoliy Gashev	2012	(979) 845-7481	<a href="mailto:gashev@tamu.edu">gashev@tamu.edu</a>
Member	David Bates	2010	(011) 44 117 928 7823	<a href="mailto:dave.bates@bris.ac.uk">dave.bates@bris.ac.uk</a>
Member	Cuihua Zhang	2010	(573) 882-2427	<a href="mailto:zhangcu@missouri.edu">zhangcu@missouri.edu</a>
Member	Randy S. Sprague	2011	(314) 577-8498	<a href="mailto:spraguer@slu.edu">spraguer@slu.edu</a>
Member	Walter Murfee	2012	504-865-5852	<a href="mailto:wmurfee@tulane.edu">wmurfee@tulane.edu</a>
<b>FINANCE COMMITTEE</b>				
Chair	Terrence E. Sweeney	2010	(570) 941-7623	<a href="mailto:sweeneyt1@scranton.edu">sweeneyt1@scranton.edu</a>
Member	Paul F. McDonagh	2010	(520) 626-2329	<a href="mailto:pmcdonag@u.arizona.edu">pmcdonag@u.arizona.edu</a>
Member	Rolando E. Rumbaut	2011	(713) 798-0316	<a href="mailto:rrumbaut@bcm.tmc.edu">rrumbaut@bcm.tmc.edu</a>
<b>NOMINATING COMMITTEE</b>				
Chair	J. Steven Alexander	2011	(318) 675-4151	<a href="mailto:jalex@lsuhsc.edu">jalex@lsuhsc.edu</a>
Member	Timothy R. Nurkiewicz	2010	(304) 293-7328	<a href="mailto:tnurkiewicz@hsc.wvu.edu">tnurkiewicz@hsc.wvu.edu</a>
Member	Coral Murrant	2010	(519) 824-4120 X56173	<a href="mailto:cmurrant@uoquelp.ca">cmurrant@uoquelp.ca</a>

Member	Dwayne N. Jackson	2012	519-661-2111 ext. 82815	<a href="mailto:dwayne.jackson@schulich.uwo.ca">dwayne.jackson@schulich.uwo.ca</a>
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#### LIAISON COMMITTEE

Chair	William F. Jackson	2012	517-353-5476	<a href="mailto:jacks783@msu.edu">jacks783@msu.edu</a>
Member	Steven S. Segal	2011	(573) 882-2553	<a href="mailto:segalss@health.missouri.edu">segalss@health.missouri.edu</a>
Member	Mary (Molly) Frame	2010	(631) 444-2320	<a href="mailto:mframe@notes.cc.sunysb.edu">mframe@notes.cc.sunysb.edu</a>
Member	Gerald A. Meininger (USNC for IUPS)	2010	(573) 882-9662	<a href="mailto:meininger@missouri.edu">meininger@missouri.edu</a>
Member	Cynthia J. Meininger (ILC)	2010	(254) 742-7037	<a href="mailto:cjm@tamu.edu">cjm@tamu.edu</a>
Member	Paul Kubes (ILC)	2011	(403) 220-8558	<a href="mailto:pkubes@ucalgary.ca">pkubes@ucalgary.ca</a>
Member	Makoto Suematsu	2011	(011) 81-3-5363- 3753	<a href="mailto:msuem@sc.itc.keio.ac.jp">msuem@sc.itc.keio.ac.jp</a>
Member	Michael Hickey	2011	(011) 61-3-9594- 5519	<a href="mailto:michael.hickey@med.monash.edu.au">michael.hickey@med.monash.edu.au</a>
Member	Timothy W. Secomb (ILC, ESM)	2012	(520) 626-4513	<a href="mailto:secomb@u.arizona.edu">secomb@u.arizona.edu</a>

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#### LONG-RANGE PLANNING COMMITTEE

Chair	Steven S. Segal	2011	(573) 882-2553	<a href="mailto:segalss@health.missouri.edu">segalss@health.missouri.edu</a>
Member	Cynthia J. Meininger	2018	(254) 742-7037	<a href="mailto:cjm@tamu.edu">cjm@tamu.edu</a>
Member	Timothy W. Secomb	2017	(520) 626-4513	<a href="mailto:secomb@u.arizona.edu">secomb@u.arizona.edu</a>
Member	Robert L. Hester	2016	(601) 984-1816	<a href="mailto:rhester@physiology.umsmc.edu">rhester@physiology.umsmc.edu</a>
Member	H. Glenn Bohlen	2015	(317) 274-8770	<a href="mailto:gbohlen@iupui.edu">gbohlen@iupui.edu</a>
Member	Geert W. Schmid- Schonbein	2014	(858) 534-3852	<a href="mailto:gwss@bioeng.ucsd.edu">gwss@bioeng.ucsd.edu</a>
Member	Paul F. McDonagh	2013	(520) 626-2329	<a href="mailto:pmcdonag@u.arizona.edu">pmcdonag@u.arizona.edu</a>
Member	Ingrid H. Sarelius	2012	(585) 275-7729	<a href="mailto:ingrid_sarelius@urmc.rochester.edu">ingrid_sarelius@urmc.rochester.edu</a>
Member	Walter Duran	2011	(973) 972-4372	<a href="mailto:duran@umdnj.edu">duran@umdnj.edu</a>
Member	Ronald F. Tuma	2010	(215) 707-3248	<a href="mailto:ronald.tuma@temple.edu">ronald.tuma@temple.edu</a>

#### DEVELOPMENT COMMITTEE

Chair	Joseph L. Unthank	2010	(317) 274-7339	<a href="mailto:junthank@iupui.edu">junthank@iupui.edu</a>
Member	Brian R. Duling	2011	(434) 924-9040	<a href="mailto:brd@virginia.edu">brd@virginia.edu</a>
Member	Thomas L. Smith	2011	(336) 716-2093	<a href="mailto:tsmith@wfubmc.edu">tsmith@wfubmc.edu</a>

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#### HISTORICAL COMMITTEE

Member	Robert W. Gore	2011	(520) 626-6569	<a href="mailto:gore@u.arizona.edu">gore@u.arizona.edu</a>
Member	Brian R. Duling	2011	(434) 924-9040	<a href="mailto:brd@virginia.edu">brd@virginia.edu</a>
Member	H. Glen Bohlen	2012	(317) 274-8770	<a href="mailto:gbohlen@iupui.edu">gbohlen@iupui.edu</a>

#### AWARDS COMMITTEE

Chair	Alison Fox-Robichaud	2010	(905) 525-9140 x22782	<a href="mailto:afoxrob@mcmaster.ca">afoxrob@mcmaster.ca</a>
Member	Thomas C. Skalak	2010	(434) 924-0270	<a href="mailto:tskalak@virginia.edu">tskalak@virginia.edu</a>
Member	David C. Poole	2011	(785) 532-4529	<a href="mailto:Poole@vet.k-state.edu">Poole@vet.k-state.edu</a>
Member	Kaushik Parthasarathi	2011	(212) 305-6724	<a href="mailto:kp257@columbia.edu">kp257@columbia.edu</a>
Member	William M. Armstead	2012	(215) 573-3674	<a href="mailto:armsteaw@uphs.upenn.edu">armsteaw@uphs.upenn.edu</a>

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#### PROGRAMS AND MEETINGS COMMITTEE

Chair	Leslie Ritter	2010	(520) 626-3218	<a href="mailto:lritter@nursing.arizona.edu">lritter@nursing.arizona.edu</a>
Member	Robert L. Hester	2012	(601) 984-1816	<a href="mailto:rhester@physiology.umsmc.edu">rhester@physiology.umsmc.edu</a>
Member	Zoltan Ungvari	2010	(914) 594-4085	<a href="mailto:zoltan_ungvari@nymc.edu">zoltan_ungvari@nymc.edu</a>
Member	Luis Martinez-Lemus	2010	(573) 882-3244	<a href="mailto:martinezlemusl@missouri.edu">martinezlemusl@missouri.edu</a>
Member	Donald G. Welsh	2011	(403) 210-3819	<a href="mailto:dwelsh@ucalgary.ca">dwelsh@ucalgary.ca</a>

Member	Julian Lombard	2012	(414)-456-8530	<a href="mailto:jlombard@mcw.edu">jlombard@mcw.edu</a>
<b>PUBLICATIONS COMMITTEE</b>				
Chair	D. Neil Granger	2011	(318) 675-6011	<a href="mailto:dgrang@lsuhsc.edu">dgrang@lsuhsc.edu</a>
Member	Michael J. Davis	2011	(573) 884-5181	<a href="mailto:davismj@health.missouri.edu">davismj@health.missouri.edu</a>
Member	Geert W. Schmid-Schonbein	2011	(858) 534-3852	<a href="mailto:gwss@bioeng.ucsd.edu">gwss@bioeng.ucsd.edu</a>
Member	Brant E. Isakson	2012	(434) 924-9039	<a href="mailto:bei6n@virginia.edu">bei6n@virginia.edu</a>
Member	Virginia H. Huxley	2012	(573) 882 8069	<a href="mailto:HuxleyV@health.missouri.edu">HuxleyV@health.missouri.edu</a>
<b>COMMUNICATIONS COMMITTEE</b>				
Chair	Brant E. Isakson	2011	(434) 924-9039	<a href="mailto:bei6n@virginia.edu">bei6n@virginia.edu</a>
Member	Robert L. Hester	2012	(601) 984-1816	<a href="mailto:rhester@physiology.umsmed.edu">rhester@physiology.umsmed.edu</a>
Member	Terrence E. Sweeney	2010	(570) 941-7623	<a href="mailto:sweeneyt1@scranton.edu">sweeneyt1@scranton.edu</a>
Member	Judy Delp	2012	(352) 273-8693	<a href="mailto:jdelp@ufl.edu">jdelp@ufl.edu</a>
Member	Cynthia J. Meininger	2010	(254) 742-7037	<a href="mailto:cjm@tamu.edu">cjm@tamu.edu</a>
Member	Shawn B. Bender	2011*	(573) 884-6741	<a href="mailto:benders@missouri.edu">benders@missouri.edu</a>
Member	Trevor R. Cardinal	2011*	(805) 756-6244	<a href="mailto:tcardina@calpoly.edu">tcardina@calpoly.edu</a>
Member	Michael J. Davis	2011*	(573) 884-5181	<a href="mailto:davismj@health.missouri.edu">davismj@health.missouri.edu</a>
Member	Jay S. Naik	2011*	(505) 835-5300	<a href="mailto:jnaik@nmt.edu">jnaik@nmt.edu</a>
Member	David A. Rubenstein	2011*	(405) 744-7118	<a href="mailto:david.rubenstein@okstate.edu">david.rubenstein@okstate.edu</a>

\*or until terminated by the President. These individuals volunteered to work on the MCS Web Page

## Upcoming Meetings

### Fall 2009 meeting of the MCS at The University of Missouri.

Registration, abstract submission and housing reservations are underway for the fall 2009 meeting of the Microcirculatory Society, Inc. The deadline for abstract submission is July 17, 2009 and for early registration is July 30, 2009.

The meeting will be held on October 16<sup>th</sup> and 17<sup>th</sup>, 2009 at The University of Missouri in Columbia. The theme of the meeting is: "Frontiers in Microcirculation: Control Processes and Clinical Applications". The overall goal is to explore and advance the frontiers of research in microcirculation through identifying and integrating fundamental regulatory processes that underlie microvascular function with the purpose of advancing clinical practice and patient care. Basic scientists, physicians and their trainees are encouraged to attend.

Attendees should plan on arriving Thursday, October 15<sup>th</sup> and departing Sunday, October 18<sup>th</sup> to participate in the entire meeting. Invited speakers are confirmed, an R13 application has been awarded funding from the NIH, 10 sponsors have contributed nearly \$10,000 and seven established exhibitors have reserved space to present.

Further details can be found at: [http://muconf.missouri.edu/mcs\\_mu2009/](http://muconf.missouri.edu/mcs_mu2009/).  
Inquiries should be directed to [segalss@health.missouri.edu](mailto:segalss@health.missouri.edu).

### 9<sup>th</sup> World Congress for Microcirculation

The 9<sup>th</sup> World Congress will be held September 25-28, 2010 in Paris, France. More information can be found at <http://www.worldmicrocirc.org/>