

# The Microcirculatory Society, Inc.

## Newsletter

Volume 33, Number 1

Summer, 2005

### Contents

President's Message.....	1-2
Welcome to New Members.....	2
Postdoctoral Positions.....	3
Treasurer's Report.....	4-6
Minutes of the 2005.....	7-9
General Business Meeting	
Committee List.....	10-12
Joint US/UK Meeting.....	13

### Officers

President:	Robert Hester rhester@physiology.umsmed.edu
President elect:	Tim Secomb secomb@u.arizona.edu
Secretary:	Deborah H. Damon Deborah.Damon@uvm.edu
Treasurer:	Mary (Molly) Frame mframe@notes.cc.sunysb.edu

## *President's Message*

Summertime is a time of holidays and, hopefully, creative thought. As our annual meeting of the Microcirculatory Society came to an end I was excited to take a vacation, reflect on the activities of the past year, and begin, rejuvenated, to plan for the next year.

As observed at the 2005 EB/IUPS meeting in San Diego, the MCS is still a very strong and relevant society. A large number of scientists attended Society's keynote address, the Landis Lecture and the President's symposium. Even though we did not have a separate MCS poster section, our members presented a number of provocative abstracts that generated a great deal of interest. The science that was presented by our members was state of the art, as our members are among the finest scientists in the world.

The journal Microcirculation continues to be the leading journal for microcirculatory research. Bill Jackson has done a commendable job in improving the quality of the journal. The impact factor for Microcirculation was 2.91 for the most current year, 2003. The special

topics issues continue to cover "hot" areas of research. By submitting your work to Microcirculation, you will help to improve the quality of the journal.

The importance of a joint meeting with Experimental Biology has been questioned by some members of the MCS. The cost of hosting a separate meeting prior to EB at the same venue is not financially feasible. The ability to interact with more scientists is a benefit of the association with EB. As a Society there are several steps that we are taking to provide opportunities for personal and detailed scientific discussions between our members.

The Society has organized a joint fall meeting with the British Microcirculatory Society to be held September 10-13, 2005 in New Hampshire (see <http://Microcirc.org> for more information). The purpose of this meeting is to provide the small congenial atmosphere. We are expecting 100 registrants, approximately ½ from each Society. I hope you will make every attempt to attend. The success of this meeting will provide

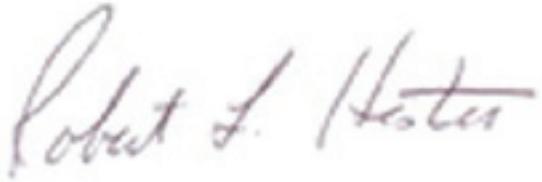
## *Welcome to New MCS Members*

incentive to have future meeting in a similar format.

EB2006 will be held April 1-5 in San Francisco. The MCS will sponsor the President's Symposium (Saturday afternoon), a Young Investigator's Symposium, and the Landis Lecture (both on Sunday). MCS will have separate poster topics as in previous years and we will be working with the Cardiovascular Section of APS to evaluate the best placement of posters with microcirculatory interests. As a brief note the abstract deadline is Nov 3rd, 2005.

MCS will have several rooms available Saturday after the President's Symposium for an informal meeting to increase scientific discussion among members. I hope that we will be able to provide a social hour during this time. Each room will have a designated topic of discussion, such as vascular control, inflammation, or permeability. A moderator will give a brief discussion relative to the topic followed by an open discussion. Interested investigators could present 1-2 slides with a new hypothesis or data. This presentation could be a preview of material that will be presented at a later poster. I hope this arrangement will allow our members an atmosphere for personal interaction and these sessions will attract other scientists with common interests.

The MCS is strong, with many dedicated members. With continual discussion, proposal of new ideas, and feedback from the members we can improve the activities of the Society. I welcome your comments and suggestions regarding the upcoming meetings and the Society, in general. Please give a call (601-984-1816) or e-mail ([rhester@physiology.umsmed.edu](mailto:rhester@physiology.umsmed.edu)) if you care to discuss ideas or if I can be of assistance to you.



### **Regular Members**

Oliver Baum, Ph.D.  
Institute for Anatomy  
University of Berne  
Switzerland

Mingzhang Guo, D.V.M., Ph.D.  
Department of Surgery  
Univ. of California Davis Medical Center  
Sacramento, CA

Mariappan Muthuchamy, Ph.D.  
Department of Medical Physiology  
The Texas A&M Univ. System HSC  
College Station, TX

Dagogo Pepple, Ph.D.  
Dept. of Basic Medical Sciences  
The University of the West Indies  
Kingston, Jamaica

Karen Stokes, Ph.D.  
Dept. of Molecular and Cellular Physiology  
Louisiana State University Health Sciences Center  
Shreveport, LA

Dirk Uhlmann, M.D.  
2nd Department of Surgery  
University of Leipzig  
Leipzig, Germany

Rong-zhen Zhang, M.D., Ph.D.  
Department of Medical Physiology/CVRI  
The Texas A&M Univ. System HSC  
College Station, TX

### **Associate Member:**

Valentina Berger, M.D.  
Cardiovascular Department  
Boehringer-Ingelheim Pharmaceuticals  
Ridgefield, CT

## *Postdoctoral Positions*

A postdoctoral or research fellow position is available in the Cerebral Microcirculation Laboratory, Department of Neurological Surgery at Washington University. The applicant will participate in our ongoing NIH funded research project on effects of hypoxia/reoxygenation on cerebrovascular regulation. These studies will involve observation of physiological responses in isolated cerebral micro-vessels and cerebrovascular cells in culture. Further techniques used in this project consist of video- and fluorescence microscopy, ion sensitive dyes and electrodes, immuno-histochemistry, proteomics and protein transduction.

Good technical and writing skills are essential. Applicants who can introduce new technologies relevant to the project will be preferred. To be given full consideration applicants must send their resumes (CV) and arrange for three letters of reference to be sent to:

Dr. Ralph G. Dacey, Jr., Professor and Chairman  
or Dr. Hans H. Dietrich, Research Assis.Professor  
Department of Neurological Surgery  
Washington University  
660 S. Euclid Avenue  
St. Louis, MO, 63110  
FAX 314-362-2107

The Microcirculation Division within the Arizona Research Laboratories invites applications for a postdoctoral Research Associate position in the area of microcirculation research. The successful applicant will perform research into the biological and physical mechanisms controlling regulation of blood flow, under the direction of Dr. Timothy W. Secomb. Applicants should have research experience in this or related areas, including experience in theoretical modeling approaches.

This is a full-time benefits-eligible position and is a year to year appointment. The University of Arizona is an Equal Opportunity/Affirmative Action Employer.

Complete applications include a cover letter outlining the applicant's research experience and interests, and a curriculum vitae including names and contact details of three references. All applicants must apply online at <https://www.uacareertrack.com>, Job Number: 32940. For additional information, please e-mail [secomb@u.arizona.edu](mailto:secomb@u.arizona.edu).

**Treasurer Report for The Microcirculatory Society, April 3, 2005.**  
Submitted by Mary D Frame, Treasurer

**Summary 2004**

<i>Total Holdings</i>	<i>\$190,313</i>
<i>Total Income</i>	<i>\$ 53,639</i>
<i>Total Expenses</i>	<i>\$ 70,045</i>

---

**Summary of Holdings**

Vanguard Account	\$95,163.15
M&I Bank CD	\$90,884.70
TFCU checking (Teachers Federal Credit Union)	\$ 4,265.97
	<i>\$190,313.82</i>

---

**Itemized Holdings**

**Vanguard Account**

Balance 12/31/2003	\$95,400.10
2/06/04 check redemption*	-\$10,000.00
6/25/04 income dividend	\$ 759.43
12/17/04 income dividend	\$ 1,072.52
increased share value	\$ 7,931.10
Balance 12/31/2004	<b>\$95,163.15</b>

*\*deposit for Joint Meeting, New Hampshire, 2005*

**Marshall & Ilsley Bank CD**

Balance 10/25/2004	\$88,278.73
2004 interest income	\$ 2,605.97
Balance 12/31/2004	<b>\$90,884.70</b>

**Teachers Federal Credit Union**

Savings	\$ 1.00
Checking (4/3/2005)	\$ 4,265.97

## Summary of Income \$ 53,639

---

Dues received	41%
Taylor&Francis	23%
Meeting Revenue	12%
Donations	24%

---

## Itemized Income

### **Dues (as of 3/31/2005)** \$21,720

Student	\$ 300
Associate	\$ 315
Regular	\$20,685
Emeritus	\$ 420
Online	\$ 15,350
By Check	\$ 6,370

### **Taylor&Francis** \$12,639

#### *Journal Honoraria (as of 3/25/2005)*

3/30/04	\$ 1,500
11/29/04	\$ 8,000
2/24/05	\$ 2,000
3/25/05	\$ 1,139

### **Meeting Revenue (as of 4/3/05)**

Banquet 2005	\$ 6,280
--------------	----------

### **Donations** \$13,000

The APS <sup>a</sup>	\$10,000
Perimed <sup>b</sup>	\$ 1,000
Taylor&F <sup>c</sup>	\$ 1,000
Texas A&M U <sup>d</sup>	\$ 1,000

*a For 2004 meeting, discontinued in future years.*

*b For the New Hampshire Joint Meeting*

*c Gift that will continue*

*d For 2005 Gerritsen Award, discontinued in future years; have not received for 2005.*

---

## Summary of Expenses \$ 70,045

Journal	34%
MCS WebSite	3%
LinkPoint Secure Payment	0.7%
Meeting Costs / Awards	46/14%
 <b>Journal Expenses</b>	 \$23,748
Taylor&Francis	\$18,000
<i>per issue \$2,250</i>	
Editorial Office	\$ 3,090
<i>Editorial Assistant \$ 2,590</i>	
<i>Office Supplies \$ 500</i>	
MacMillian	\$ 2,657
 <b>MCS WebSite</b>	 \$ 2,025
<i>Computer only</i>	
<i>amount approved \$4,000</i>	
 <b>LinkPoint</b>	 \$ 542
<i>Online Secure Payment Service, direct cost</i>	
 <b>Meeting Costs</b>	 \$32,143
EB 2004 Speaker	\$ 1,937
IUPS 2005	\$ 5,000
Banquet 2005	\$ 7,647
Joint Meeting with BMS	\$10,000
<i>New Hampshire deposit</i>	
World Congress	
Wisconsin deposit	\$ 3,000
Logo/Website	\$ 3,000
Hawaii Meeting deposit	\$ 1,559
 <b>Awards</b>	 \$9,500
 <b>Other</b>	 \$2,087
Not-for-profit filing	\$ 70
<i>( \$35/year )</i>	
Accountants/taxes	\$1,821
<i>( FY ending 2003, 2004 )</i>	
Postage, Supplies (Treasurer Office)	\$ 196

# **Minutes of the General Business Meeting; April 1, 2005**

**San Diego Convention Center, Room 30 B/C**

**San Diego, California**

H. Glenn Bohlen, MCS President, called the meeting to order at 5:25 p.m. in Room 30 B/C of the San Diego Convention Center. The presence of a quorum was established. The minutes of the 2004 General Business Meeting were accepted as written.

Report from the Secretary: None

Report from the Treasurer: Molly Frame provided a report on the financial status of the Society. The Total Holdings for the Society are \$190,313 with \$53,639 in Total Income and \$70,045 in Total Expenses for 2004. The Total Holdings consist of \$95,163.15 in the Vanguard Account, \$90,84.70 in the M&I Bank CD and \$5265.97 in the Teachers Federal Credit Union. Income consisted of \$21,720 from dues (as of 3/31/2005), \$12,639 from Taylor and Francis (Journal revenues as of 3/25/2005), \$6,280 in Meeting Revenue (as of 4/3/2005), and \$13,000 in donations. Expenses included \$23,748 for Journal Expenses, \$2,025 for MCS WebSite expenses, \$542 for LinkPoint (Online Secure payment Service), \$32,143 for meeting costs, \$9,500 for Awards and \$2,087 miscellaneous expenses. Operating Budget for 2005 (estimated from 2004) showed \$49,735 in expenses with \$42,510 in income. (Report attached).

The Vanguard Account was used for the New Hampshire meeting deposit of \$10,000. However, this money was recouped because of the improved market. The total expenses for 2004 were more than the income, but these expenses were all covered.

Journal Report: Bill Jackson provided the Journal report. 85 papers were submitted, 43 were accepted. This is an acceptance rate of 51%. This number includes 20 articles for the Special Topics Issues, the rate is really less than 30%.

The time to decision is about 41 days (calculated from 2003 data). Time to print is unfortunately long. To help with this, Bill is trying to get the Publisher to establish Epub Before Print.

There has been a nice increase in our impact factor: 2.1 (2001) to 2.911 (2003).

Bill solicited ideas for the Special Topics issues. He also explained the problem with access through PubMed. Bill will work to fix this problem.

Report on Future Meetings:

A. New Hampshire Fall Meeting Sept. 10-13, 2005 (Joint meeting with British Microcirc. Soc.)

On-line registration and abstract submission is possible. June 10th is the deadline for abstract submission. Younger members will be highlighted in the oral presentations. There will be four invited speakers at the beginning and four at the end of the meeting. Neil Granger will present the Plenary Lecture.

Registration will be \$250 for members, \$325 for nonmembers and \$115 for students. This fee includes most meals. Shuttle service will be provided for those staying outside the meeting center.

B. Hawaii Fall Meeting September 23-26, 2006

The contract has been signed with the hotel on Maui. The meeting is designed to highlight the work of young investigators. Geert Schmid-Schonbein solicited ideas for the meeting. Paul McDonagh suggested that the Society consider funds for travel grants for students. Glenn Bohlen suggested that discussion of this idea be held for New Business.

C. World Congress August 15-19, 2007

The meeting will be held in the Milwaukee Convention Center in conjunction with the Hilton Hotel connected to the Convention Center. The WebSite for the meeting is now viewable:

[www.microcirccongress.org](http://www.microcirccongress.org)

Links to other Societies will be added to the WebSite. David Guterman is the Chair of the Finance Committee for the Congress and will be soliciting sponsors. Andy Greene is the Facilities Chair. Dan Beard is the Publicity Chair. Julian Lombard is soliciting programming suggestions.

Those attending may fly to Chicago and take a shuttle to Milwaukee. Travel directly into Milwaukee is also possible.

Dues Payment: Glenn Bohlen reported that 227 letters were sent to individuals that had not paid their dues for two years. He reiterated that it is critical to the survival of the Society that members stay current with their dues payment.

Changes to ByLaws: Glenn Bohlen reported that we have cleared up the dispute with the IRS for submitting “Not for Profit” paperwork. To avoid any future problems, changes are being introduced into the ByLaws to ensure that these obligations are met. Specific **wording was**

Electronic Communications Committee: It has been proposed that an Electronic Communications Committee be set up to oversee the WebSite. Robert Hester reported that the University of Mississippi will provide assistance for the transfer of the WebSite. Bob Gore will help define the duties of this committee. The Treasurer must be included on this committee as credit card issues will be involved. The Editor of the Journal must also be included in this committee.

## NEW BUSINESS

Paul McDonagh made a motion that four travel awards of \$500 be provided for students to attend the fall meetings. Motion seconded by Bill Jackson. Glenn Bohlen pointed out that there was a chance for financial loss with this meeting. Bob Gore made a challenge. He would pledge \$1000 if someone else would match the \$1000 contribution. Paul McDonagh pointed out that the Society has approximately \$200,000 in assets and \$2000 would not be a big drain on the Society. Ann Baldwin pointed out that registration costs will not cover the costs of the meeting. At this point in time the Society still owes \$20,000 with no sponsors. Glenn Bohlen agreed to match Bob Gore's \$1000 pledge so the travel awards to the New Hampshire meeting will be covered. Vote taken. MOTION PASSED. The \$2000 will be paid this year and will continue in future fall meetings.

Steve Segal reported that twice the nominations were received this year than last year. There was also an increase in voting. Bob Gore was acknowledged for streamlining the process.

The meeting was adjourned at 6:15 p.m.

[Respectfully submitted, Cynthia Meininger, Ph.D., MCS Secretary]

## Committee Membership, 2005-06

<b>Member:</b>	<b>Phone number:</b>	<b>E-mail address:</b>
<b>Executive Council:</b>		
Richard Price 2008	434-924-0020	rprice@virginia.edu
Tara Haas 2008	416 736 2100 ext77313	thaas@yorku.ca
Paul Kubes 2006	403-220-8558	pkubes@ucalgary.ca
Jeff Frisbee 2006	(304) 293-5495	jfrisbee@hsc.wvu.edu
Cindy Meininger 2007	(254) 742-7037	cjm@tamu.edu
Sarah Y Yuan 2007	(916)-703-0422	sarahyuan@ucdavis.edu
<b>Awards Committee:</b>		
Russell Prewitt 2006 (Chair)	(757) 446-5105	prewitrj@evms.edu
Mike Eppihimer 2008	(814)865-8088	mje106@psu.edu
Mary Pat Kunert 2008	(414)456-4936	mkunert@mcw.edu
Terrence Sweeney 2006	(570) 941-7623	sweeneyt1@scranton.edu
Robert Brock 2007	(501) 686-8883	BrockRobertW@uams.edu
Roland Pittman 2007	(804) 828-9545	pittman@hsc.vcu.edu
<b>Finance Committee:</b>		
Mary (Molly) Frame 2007 (chair)	(631) 444-2320	mframe@notes.cc.sunysb.edu
Don Buerk 2008	(215) 898-9097	buerk@seas.upenn.edu
Tim Secomb 2006	(520) 626-4513	secomb@u.arizona.edu
Roger Adamson 2006	(530) 752-2180	rhadamson@ucdavis.edu
<b>Development Committee:</b>		
Steve Alexander 2008	(318) 675-4151	jalexa@lsuhsc.edu
(Chair)		
Michelle Mazzoni 2006	(858) 410-5189	mcmazzoni1248@earthlink.net
Jay Tuttle 2006	760-510-1404	tuttleja@lilly.com
Steve Flaim 2008	858-792-6464	sflaim1@san.rr.com

**Membership Committee:**

David Zawieja (Chair) 2006  
Dick Slaaf 2006  
Vladislav V. Glinskii 2008  
Anatoliy Gashev 2007

(979) 845-7465  
+31-43 3881657 / 59  
(573) 814-6000 x3691  
979-845-7481

dcz@tamu.edu  
DW.Slaaf@bf.unimaas.nl  
glinskiivl@missouri.edu  
gashev@tamu.edu

**Nominating Committee:**

Steve Segal (Chair) 2007  
Chris Kevil 2008  
Jena Steinle 2008  
Thomas Skalak 2006  
John Imig 2007

(203) 562-9901 x253  
(318) 675-4694  
618-453-1579  
(434) 924-0270  
(706) 721-1901

sssegal@jbpearce.org  
ckevil@lsuhsc.edu  
jsteinle@siumed.edu  
tskalak@virginia.edu  
jdimig@mail.mcg.edu

**Publications Committee:**

Matt Boegehold (Chair) 2008  
Neil Granger 2006  
Fitz-Roy Curry 2006  
Samina Kanwar 2007  
Richard Price 2007

(304) 293-5240  
(318) 675-6011  
(530) 754-9380  
(732) 594-2469  
434-924-0020

mboegehold@hsc.wvu.edu  
dgrang@lsuhsc.edu  
fecurry@ucdavis.edu  
samina\_kanwar@merck.com  
rprice@virginia.edu

**Communications Committee:**

Robert Hester 2008  
Rick Rivers 2006  
Bob Gore 2006  
Debbie Damon 2007  
Mike Davis 2007

(601) 984-1816  
(443) 502-1798  
(520) 626-6569  
(802) 656-2184  
(979) 845-7819

rhester@physiology.umsmed.edu  
rrivers3@jhmi.edu  
Gore@u.arizona.edu  
Deborah.Damon@uvm.edu  
mjd@tamu.edu

Long-Range Planning Committee:

H. Glenn Bohlen (Chair) 2015	317-274-8770	gbohlen@iupui.edu
Geert Schmid-Schonbein 2014	(858) 534-3852	gwss@bioeng.ucsd.edu
Paul F. McDonagh 2013	(520) 626-2329	pmcdonag@u.arizona.edu
Ingrid H. Sarelius 2012	(585) 275-7729	ingrid_sarelius@urmc.rochester.edu
Walter Duran 2011	(973) 972-4372	duran@umdnj.edu
Ronald Tuma 2010	(215) 707-3248	ronald.tuma@temple.edu
Bruce Klitzman 2009	(919) 684-6686	klitz@duke.edu
Julian Lombard 2008	(414) 456-8530	jlombard@mcw.edu
Virginia Huxley 2007	(573) 882-8069	HuxleyV@health.missouri.edu
Gerry Meininger 2006	(979) 845-7491	gam@tamu.edu
Fitz-Roy Curry 2005	(530) 754-9380	fecurrry@ucdavis.edu

Historical Committee:

Robert McCuskey (Chair) 2007	(520) 626-6084	mccuskey@u.arizona.edu
Ronald Tuma 2006	(215) 707-3248	ronald.tuma@temple.edu
Herbert Lipowsky 2006	(814) 865-1407	hhlbio@engr.psu.edu
Robert W. Gore 2008	(520) 626-6569	Gore@u.arizona.edu
Paul C. Johnson 2008	(858) 534-5686	pjohnson@bioeng.ucsd.edu

Liaison Committee:

Robert Hester (Chair) 2006	(601) 984-1816	rhester@physiology.umsmed.edu
Julian Lombard 2007	(414) 456-8530	jlombard@mcw.edu
Debbie Damon 2008	(802) 656-2184	Deborah.Damon@uvm.edu
Terrence Sweeney 2008	(570) 941-7623	sweeneyt1@scranton.edu
Makoto Suematsu 2006	(011) 81-3-5363-3753	msuem@sc.itc.keio.ac.jp
David Sims 2008	(902) 566-0812	sims@upei.ca
Ron Korthius (IUPS) 2009	(573) 882-8059	Korthiusr@health.missouri.edu

Program Committee:

Judy Muller-Delp (Chair) 2008	(979) 458-3502	jmd@hlkn.tamu.edu
Ingrid Sarelius 2006	(585) 275-7729	ingrid_sarelius@urmc.rochester.edu
David Bates 2006	+44 117 928 9818	dave.bates@bris.ac.uk
Mike Flessner 2007	(601) 984-5670	mflessner@medicine.umsmed.edu
Robert Hester 2008	(601) 984-1816	rhester@physiology.umsmed.edu
(APS representative)		



# **A Special Transatlantic Meeting of The Microcirculatory Society, Inc. and The British Microcirculatory Society**

**September 10 - 13, 2005**

**Hotel Registration Deadline: August 10, 2005  
Meeting Registration Deadline: August 22, 2005**

**University of New Hampshire  
Durham, New Hampshire, USA**

**Email Dr. Ann Baldwin:  
[abaldwin@u.arizona.edu](mailto:abaldwin@u.arizona.edu)**

**See Meeting Web Site for Details:  
<http://microcirc.org/USUKMeeting05/MCSBRIT05.html>**