

The Microcirculatory Society, Inc.

Newsletter

Volume 41, Number 1 – Summer 2013



Contents

President's Message	1
Fall MCS Meeting	2
Editor's Message	9
Journal Webpage	11
New Members	13
Membership Benefits	13
Treasurer's Report	14
Fiscal Year Report	16
Business Meeting	
Minutes	17
Executive Council	19
Standing Committees	19
Officer & Councilor	
Nominations	22
Upcoming Meetings	23

Officers

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Secretary

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A Note from the President

To all members of the Microcirculatory Society:

I would like to extend my greetings to you this Summer and hope that you are all having a wonderful and productive season.

Foremost, I would like to express my appreciation to the MCS Officers that have completed their terms of service to the Society, starting with Michael Hill, now our immediate Past President. Michael has been an extremely valuable role model for me as President, and I am honored to have the opportunity to follow him in this position. I am also extremely fortunate to have Molly Frame as our new President-Elect for the MCS. Molly brings boundless energy to the position and I look forward to working with her as well in the coming year. I would also like to thank Tara Haas for her outstanding service as the Secretary of the MCS and welcome Trevor Cardinal as our new incoming Secretary, as well as the new members of the Executive Council: Dwayne Jackson and Shayn Peirce-Cottler.

As we are rapidly approaching the IUPS meeting in Birmingham, UK, later in July, let this be one final suggestion that you try to attend this meeting if you can. This has always been an exceptional meeting in the past and this year should prove to be no different.

I would like to remind all of you about the upcoming Joint Meeting between NAVBO and MCS, to be held October 20-24 at the Hyannis Resort and Conference Center on Cape Cod (<http://www.navbo.org/events/vb2013/microcirc2013>). We will have a very strong contingent of investigators in featured speaker positions at this meeting and it should be a very special event. Highlighting the meeting will be Plenary Lectures by Dr. Steven Segal ('Integrating and Modulating Intercellular Signaling Underling Blood Flow Control') and Dr. Gerald Meininger ('Is Integrin Adhesion Tuned to the State of Vascular Smooth Muscle Contractile Activation?'). I encourage you all to submit your abstracts to the meeting and participate in what should be an excellent experience in the New England Fall.

Remember, it is not too early to begin planning for Experimental Biology 2014 in San Diego!

With best regards,

A handwritten signature in black ink, appearing to read 'Jeff Frisbee', is written over a light blue horizontal line.

Jefferson Frisbee, Ph.D.
President, Microcirculatory Society, Inc.

Contents

President’s Message 1
Fall MCS Meeting 2
 Editor’s Message 9
 Journal Webpage 11
 New Members 13
 Membership Benefits 13
 Treasurer’s Report 14
 Fiscal Year Report 16
 Business Meeting
 Minutes 17
 Executive Council 19
 Standing Committees 19
 Officer & Councilor
 Nominations 22
 Upcoming Meetings 23

Fall MCS Meeting – A Joint Conference with NAVBO

Just a reminder about the outstanding meeting that MCS has planned for the Fall in conjunction with NAVBO. The meeting provides a fantastic venue for each society to compliment the other in terms of expertise. There is significant time set apart for networking, and all of the sessions have at least 3-4 slots for oral presentations from submitted abstracts. The details and speakers can be found here:

- <http://navbo.org/events/vb2013/microcirc2013>
- <http://www.navbo.org/events/vb2013>

In addition, the MCS will be giving eight Travel awards between graduate student and post-docs, as well as poster cash prizes at the actual event. This is a unique opportunity for MCS and surely not one to be missed, especially for graduate students and post-docs!

Please feel free to contact me with any questions or concerns: brant@virginia.edu

I look forward to seeing all of you at Cape Cod in October!

Brant Isakson



Vascular Biology 2013

Fall MCS Meeting – A Joint Conference with NAVBO - Overview

Opening Session - Sunday, October 20

Ralf Adams, Max-Planck Institute: Making, shaping and tuning new blood vessels

Steven S. Segal, University of Missouri: Integrating and modulating intercellular signaling underlying blood flow control

Career Development Sessions - Monday, October 21

Career Pathways in Biomedical Entrepreneurship –

Moderated by *Cam Patterson*, University of North Carolina, Chapel Hill

and Wednesday, October 23

Panel Discussion: How to Launch and Sustain a Career in Academic Research –

Discussion Leader: *Ondine Cleaver*, UT Southwestern

Concurrent Sessions – Monday through Wednesday

Vascular Matrix Biology and Bioengineering Workshop IV
and

Biology of Signaling in the Cardiovascular System Workshop III
and

The Fall Meeting of the Microcirculatory Society

Poster Sessions - Monday and Tuesday evenings

NAVBO Award Lectures - Wednesday, October 23

Earl P. Benditt Award Lecture:

From FGF to neuropilin: Identifying novel regulators of angiogenesis and cancer

Michael Klagsbrun, Ph.D., Children's Hospital/Harvard Medical School

Judah Folkman Award in Vascular Biology Lecture:

Signaling pathways in vascular development and disease

Mark L. Kahn, M.D., University of Pennsylvania

Closing Session - Thursday, October 24

Extracellular Matrix Signaling

Gerald Meininger, University of Missouri:

Is integrin adhesion tuned to the state of vascular smooth muscle contractile activation?

Mark Ginsberg, University of California, San Diego:

Dynamic regulation of vascular cell adhesion

David Cheresch, University of California, San Diego:

MicroRNA regulation of vascular networks

and the

Springer Junior Investigator Award Lecture

Fall MCS Meeting – A Joint Conference with NAVBO - Awards

Springer Junior Investigator Award - a \$750US monetary award for a junior faculty member within five years of their initial appointment. In addition, the recipient will present his/her abstract in a twenty-minute talk in the closing session of the meeting.

Travel Awards - graduate students and post docs (and equivalents) are eligible to apply for a travel award. These awards are selected prior to the meeting, notifications are sent out approximately one month before the meeting. The award is valued at \$500US. Up to 8 recipients in each thematic program will be chosen (Matrix/Bioengineering; Signaling; and Microcirculation).

Outstanding Poster Awards - graduate students and post docs (and equivalents) are eligible to compete for this award. Judging of poster presentations is conducted onsite. The award is valued at \$250US and recipients are chosen from participating poster presenters and announced at the closing session of the meeting. Up to 4 recipients in each thematic program will be chosen (Matrix/Bioengineering; Signaling; and Microcirculation).

Faculty of 1000 Poster Awards - graduate students and post docs (and equivalents) are eligible to compete for this award. Judging of poster presentations is conducted onsite. The award will consist of a free one-year personal subscription to F1000Prime (worth \$250) and a free article submission to the new open access journal F1000Research (worth up to \$1,000). Only three recipients (one in each thematic program) will be chosen for this prestigious award.

2013 Springer Junior Investigator Award



**Vascular Matrix Biology and
Bioengineering Workshop IV**

and

**Biology of Signaling in the
Cardiovascular System Workshop III**

and

**The Fall Meeting of the
Microcirculatory Society**

Criteria:

- must be within five years of your first independent investigator position or within five years of an independent research position in academia, government, or industry
- must submit an abstract to Vascular Biology 2013
- go to www.navbo.org/events/vb2013/abstracts to submit an abstract - select the area you are most interested in and then a specific topic
- submit an application - In addition to the abstract, an applicant must complete an online application and submit his/her current CV.

Fall MCS Meeting – A Joint Conference with NAVBO - Awards

Travel Awards

Up to 8 Travel Awards will be given to postdocs, graduate students, medical students or equivalent. You must be an MCS trainee/student member.

Rules for all travel awards:

- you must submit an abstract
- indicate that you are applying for the award on the submission form
- you must be registered for the meeting
- applications are due August 15, 2013
- awards will be announced prior to the meeting (you will receive an email in mid to late September)
- awards will be presented at the Meeting (date and time TBD)
- **Please note** – that while many trainees from a single lab may apply for the award, there can only be one recipient per lab
- Travel Award recipients can be either an oral or poster presenter
- Late-breaking abstracts will not be considered; they are received after the deadline
- Travel Award Recipients will NOT be eligible for the Outstanding Poster Awards

Outstanding Poster Awards

Up to six Outstanding Poster Awards will be given to postdocs or equivalent in each area - Matrix/Bioengineering, Signaling and Microcirculation and six awards to graduate students or equivalent in each area - for a total of 12 awards.

- presenters will be judged on site
- visual appearance, content and oral presentation will be considered
- each presenter will be evaluated and scored by at least two judges
- you must be present at your designated hour
- awards will be announced and presented at the final session (October 24)
- Travel Award recipients are not eligible
- Late-breaking abstracts will be considered

Faculty of 1000 Poster Awards

One Faculty of 1000 Poster Award will be given to postdocs, graduate students or equivalent in each area - Matrix/Bioengineering, Signaling and Microcirculation for a total of three awards.

- presenters will be judged on site
- visual appearance, content and oral presentation will be considered
- each presenter will be evaluated and scored by at least two judges
- you must be present at your designated hour
- awards will be announced and presented at the final session (October 24)
- Travel Award recipients are not eligible
- Late-breaking abstracts will be considered

Fall MCS Meeting – A Joint Conference with NAVBO – MCS Program

Organizer:

Brant Isakson, University of Virginia

in conjunction with the Microcirculatory Society Oversight Committee

Sunday, October 20, 2013

Plenary Lecture:

Integrating and Modulating Intercellular Signaling Underlying Blood Flow Control

Steven S. Segal, University of Missouri

Monday, October 21, 2013

Featured Session:

Translational Approaches to Microvascular Dysfunction

Chair: Shawn Bearden, Idaho State University

New mechanisms for aging-associated blood pressure elevation: direct regulation of microvascular function by vascular mineralocorticoid receptors

Iris Jaffe, Tufts University

The longest journey starts with the first step - the translation of molecular concepts from rodent to human resistance arteries

Steffen-Sebastian Bolz, University of Toronto

Altered intra-organ perfusion distribution in the Metabolic Syndrome: A decay in system responsiveness

Jeff Frisbee, University of West Virginia

The microvasculature – a prognostic indicator of cardiovascular risk

Geraldine Clough, University of South Hampton

Regulation of Angiogenesis/Collateral Artery Remodeling

Chair: Tara Haas, York University

Post-angiogenesis dynamics in neovascularization

Jay Hoying, University of Louisville

The complexity of the VEGF network in angiogenesis

Feilim Mac Gabhann, Johns Hopkins University

Advances in Lymphatic Biology

Chair: David Zaweiya, Texas A&M

Unexpected properties of lymphatic valves determine lymph pump efficiency

Mike Davis, University of Missouri

Lymphatic dysfunction and inflammatory disease

Gwen Randolph, Washington University

Fall MCS Meeting – A Joint Conference with NAVBO – MCS Program**Tuesday, October 22, 2013****Signaling Microdomains in the Vasculature**

Chair: Scott Earley, Colorado State University

Vasoregulation by IP₃ receptors in health and disease

Jon Jaggar, University of Tennessee

An unexpected role for hemoglobin in the arterial wall

Brant Isakson, University of Virginia

Cellular Communication

Chair: Marie Billaud, University of Virginia

Endothelial signal conduction provides the missing link between hypoxia sensing and vasoconstriction in the intact lung

Wolfgang Kuebler, University of Toronto

Integrative control of skeletal muscle blood flow in humans

Frank Dinunno, Colorado State University

Luminal vs. Abluminal Modulation of Vasoreactivity

Chair: Erika Westcott, University of Missouri

Conducted dilation in response to vasoconstrictors: How and why?

Kim Dora, Oxford University

Discrete Ca²⁺ signaling and the paradoxical Cav3.2 channels in arterial dilation

Don Welsh, University of Calgary

Wednesday, October 23, 2013**Shear Stress and Mechanotransduction Modulation**

Chair: Molly Frame, SUNY at Stony Brook

Sensing and responding to changes in stretch/tension in arterial smooth muscle

Mike Hill, University of Missouri

The Endothelial Glycocalyx – Its structure and function as a mechanotransducer

John Tarbell, City College of New York

Inflammatory Mediators

Chair: Geert Schmid-Schonbein, University of California, San Diego

Protease-dependent arteriolar dysfunction in ischemia/reperfusion

Ron Korthuis, University of Missouri-Columbia

Recruitment of neutrophils, iNKT cells and monocytes in sterile inflammation

Paul Kubes, University of Calgary

Fall MCS Meeting – A Joint Conference with NAVBO – MCS Program

Pericyte Modulation of Microvascular Function

Chair: W. Lee Murfee, Tulane University

Pericyte modulation of microvascular growth and remodeling: From basic science to cell-based therapy

Shayn Peirce-Cottler, University of Virginia

Microvascular pericytes: Regulators of angiogenic activation

Ira Herman, Tufts University

Thursday, October 24, 2013

Plenary Lecture in Extracellular Matrix Signaling:

Is integrin adhesion tuned to the state of vascular smooth muscle contractile activation?

Gerald Meininger, University of Missouri

Additional short talks from submitted abstracts will be added to the above sessions (except Translational Approaches to Microvascular Dysfunction)

Contents

President's Message	1
Fall MCS Meeting	2
Editor's Message	9
Journal Webpage	11
New Members	13
Membership Benefits	13
Treasurer's Report	14
Fiscal Year Report	16
Business Meeting	
Minutes	17
Executive Council	19
Standing Committees	19
Officer & Councilor	
Nominations	22
Upcoming Meetings	23

Message from the Editor, Microcirculation

To the Membership of the MCS:

As you all know, 2012 was a very active year for *Microcirculation*. On top of multiple new Special Topic Issues and Highlighted Manuscripts that have all received excellent download numbers via the Wiley Online Library website ([http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1549-8719](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1549-8719)), 2012 also saw the formal joining of the British Microcirculation Society and the Australia/New Zealand Microcirculation Society with MCS in naming *Microcirculation* as their Official Journal. Further, we have also gone to an 'on-line only' format starting in January of 2013. Thanks to the considerable efforts of our support group at Wiley, this has been an exceptionally smooth transition from print to on-line only.

With the increased activities in the journal, this year also marked several changes in the Editorial Office. Foremost, the journal now has a Deputy Editor-in-Chief in Professor Geraldine Clough from the University of Southampton. Geraldine will be responsible for all future Special Topics Issues and Highlighted/Invited Manuscripts. Geraldine has demonstrated exceptional commitment to the success of *Microcirculation* during her time as an Associate Editor, and I am extremely pleased to have her working with me in this new position. In addition, we have rotated a number of the Associate Editor positions for *Microcirculation*. I would like to thank Drs. Tara Haas, David Stepp, Timothy Secomb, David Zawieja, and Donald Welsh for their tireless efforts as Associate Editors. All of the recent changes in the journal would not have been possible without their continual work and support. Moving forward, I would like to welcome the following new Associate Editors to the journal (with their areas of specialization):

- Dr. Shayn Peirce-Cottler (Computational Modeling)
- Dr. Jerome Breslin (Lymphatics and Permeability)
- Dr. Brant Isakson (Cellular Signaling and Communication)
- Dr. Karen Stokes (Animal Models of Cardiovascular Disease Risk)
- Dr. Dai Fukumura (Angiogenesis/Angiostasis).

In the future, we will be seeking additional nominations for a new Associate Editor for Clinical and Translational Research. Please watch for that!

Message from the Editor, Microcirculation, continued

Finally, given the new affiliation of the journal with BMS and ANZMS, it was recommended that a new Joint Publications Committee for the journal be developed with representation across the three societies. This was accomplished and the new JPC membership is:

Microcirculatory Society

Dr. Neil Granger

Dr. Brant Isakson

Dr. Mike Hill

Dr. Johnathan Tune

British Microcirculation Society

Dr. Geraldine Clough

Dr. Christopher Garland

Dr. Lopa Leach

Dr. Giovanni Mann

Dr. Stuart Egginton

Australia/New Zealand Microcirculation Society

Dr. Michael Hickey

Dr. Caryl Hill

Finally, one last piece of good news: our impact factor for *Microcirculation* has increased again in 2012, coming in at 2.8. We are all working as hard as possible to keep that steady improvement going. We would like to thank you all for your support and remind you to keep those high quality submissions to the journal coming!

Jefferson Frisbee, Ph.D.

Editor-in-Chief, *Microcirculation*

Contents

President's Message	1
Fall MCS Meeting	2
Editor's Message	9
Journal Webpage	11
New Members	13
Membership Benefits	13
Treasurer's Report	14
Fiscal Year Report	16
Business Meeting	
Minutes	17
Executive Council	19
Standing Committees	19
Officer & Councilor	
Nominations	22
Upcoming Meetings	23

Journal Webpage Ranking

To all Members of the MCS, BMS and ANZMS:

“Building links on the internet will raise a journal's page ranking (SEO) in the same way that gaining citations will boost a journal's impact factor.”

Easy Ways You Can Help Boost Our Journal Page Rank...

- 1) Mention your editorial role, or simply refer people to the journal in your social media profiles, blogs, and in your email footer (link back to journal homepage)
 - o **EXAMPLE: Email footer: Dr. John Smith**
Microcirculation Editorial Board Member
- 2) Mention your editorial role, or simply refer people to the journal on your institutional webpage (link to journal homepage); links from '.edu' sites are given extra weight, so if you have an '.edu' site from which to link, this will help.
- 3) Post about a popular article or special issue from the journal through your social media accounts or blogs (link to the specific article, or issue table-of-contents)
 - o **EXAMPLE: Microcirculation seeks manuscripts on Angiogenesis – learn more!**
 - o **EXAMPLE: Read the NEW Special Topics Issue from Microcirculation on Cell-Cell Communication**
- 4) Further, include information about the journal in the description/about section of the society's Facebook page, on its Twitter landing page, the society LinkedIn page, etc. (link back to journal homepage)
 - o **EXAMPLE: Microcirculation is the official journal of the X society**
- 5) Ensure your society site links directly to the journal homepage
- 6) Encourage others to register for free content alerts from the journal on your society site, or in your email footer

EXAMPLE: Sign up for free new content alerts from Microcirculation

When doing searches online, it is imperative that our journal's content is easy to find. This is *why* SEO (Search Engine Optimization) is so important. Search engines, such as Google, Yahoo, and Bing, use several metrics to rank internet web pages to ensure their users get high-quality, relevant search results given the keywords they used in their search. We want to best position our journal web page so it appears in relevant searches, thus ensuring people can find, and use, its content; the way we intended.

Wiley has done a lot of work to update journal pages according to these elements, and will continue to do so. However, there are some things **you** can do to further aid this effort!

Listed above are a few ways in which societies & their members can help boost the journal page rank through **linking**. Some of these are simple things, only taking a few minutes to do (you could even just copy and paste from this email), but can make a huge difference to our journal's SEO results.

Journal Webpage Ranking, continued

Here is an example, of how one society's involvement helped boost its journal's page ranking in just a couple of months. If one society is able to accomplish this, imagine what the power of three can do? I challenge us all to be the next societies to aid in giving **our** journal such a great boost in rankings!

	Journal 31 st March	Journal 17 th May
Page authority – the rank of the journal web page	47	67
Linking root domains – how many domains are linking into the journal web page	1	31
Total links – how many other web pages are linking in to the journal web page	1	89

Contents

President's Message	1
Fall MCS Meeting	2
Editor's Message	9
Journal Webpage	11
New Members	13
Membership Benefits	13
Treasurer's Report	14
Fiscal Year Report	16
Business Meeting	
Minutes	17
Executive Council	19
Standing Committees	19
Officer & Councilor	
Nominations	22
Upcoming Meetings	23

Welcome to New MCS Members**Regular Members**

Prithu Sundd, University of Pittsburgh

Associate Members

Shu-Huai Tsai, Texas A & M Health Science Center

Student Members

Randa S. Eshaq, Louisiana State University Health Sciences Center, Shreveport

Kathryn Halleck, Ohio State University

Membership Benefits

- Annual Meeting at Experimental Biology
 - Discounted Registration for the Annual Meeting (\$165 savings for Regular/Associate Members and \$20 savings for Student Members)
 - Ten \$750 Zweifach Student Awards
<http://www.microcirc.org/AwardsFolder/ZweiStuAward.html>
 - Ten \$750 Pappenheimer Postdoctoral Travel Awards
<http://www.microcirc.org/AwardsFolder/PappenheimerAward.htm>
 - The August Krogh Young Investigator Award (\$1000)
<http://www.microcirc.org/AwardsFolder/KroghAward.html>
 - Award for Excellence in Lymphatic Research (\$750)
<http://www.microcirc.org/AwardsFolder/LymphAward.html>
- Journal
 - All members receive full electronic access to the journal Microcirculation, and electronic table of contents with each issue
- Awards
 - Travel Award for Outstanding Young Investigators
<http://www.microcirc.org/AwardsFolder/MCSTravelAward.html>
 - The Eugene M. Landis Research Award
<http://www.microcirc.org/AwardsFolder/LandisAward.html>
- Society
 - Connection to a vibrant and interdisciplinary group of scholars
 - Opportunity to shape the role of the Society in microcirculation research as a member of one of our 10 standing committees

Dues are \$120 (Regular/Associate Members) or \$25 (Student Members)

Contents

2013 Treasurer’s Report

President’s Message 1
 Fall MCS Meeting 2
 Editor’s Message 9
 Journal Webpage 11
 New Members 13
 Membership Benefits 13
Treasurer’s Report 14
 Fiscal Year Report 16
 Business Meeting
 Minutes 17
 Executive Council 19
 Standing Committees 19
 Officer & Councilor
 Nominations 22
 Upcoming Meetings 23

Presented at the Business Meeting, April 21st, 2013 by Alan H. Stephenson,
 Treasurer

Net Worth, April 8, 2013

(changes in value are relative to April 16, 2012)

Summary of holdings:

Bank of America – checking:	\$ 40,321.60	(increase of \$3,275.77)
Bank of America – savings:	\$ 63,163.44	(decrease of \$27,471.89)
BMO Harris (formerly M&I) Savings:	\$242,268.39	(increase of \$413.32)
Vanguard Balanced Index Fund	\$ 62,082.80	(increase of \$8,768.75)
Vanguard Wellington Fund	\$27,997.05	(increase of \$3,486.98)
Total Holdings:	\$435,833.28	(decrease of \$13,790.65)

Due to the low rate of return on some of our investments, the membership voted at the Annual Business Meeting to transfer an initial amount of \$50,000 of our the assets in our BMO Harris Bank money market account (\$242,268.39) that was only making 0.1% interest to our mutual fund investments at Vanguard (\$90,079.85) that returned over 13%. The Treasurer will use a "dollar averaging" approach and transfer an additional \$50,000 next year depending on the state of the economy. In the short time between the Annual Business Meeting and the end of our fiscal year, that transfer of funds has led to an additional \$968.27 in income for the society. In addition, when considering our Fiscal Year Income/Expenses (6/1/2012 to 5/31/2013), we ended FY2012 with a net gain of \$9,074.26, considerably better than the \$1,038.22 for the period described in the Financial Report presented at the Annual Business Meeting (see below for the 2012 Fiscal Year Income/Expense Report).

*2013 Treasurer's Report, continued***Income and Expenses 2012-2013**

Total Income:		\$43,468.45
Total expenses:		\$42,430.23

INCOME:

Dividend income		12,255.73
Interest Income		506.72
Membership Dues		
2012 Dues Payment	4,720.00	
2013 Dues Payment	22,810.00	
Total Dues Payment		27,530.00
Meeting Revenue:		
Banquet Ticket Sales	3,176.00	
APS Contribution: EB2013	0.00	
Total Meeting Revenue		3,176.00
Total Income		\$43,468.45

EXPENSES:

Legal Expenses – Mass. Resident Agent		865.00
Meeting Expenses:		
Awards & Award Related	29,000.00	
Other Meeting Expenses	1,664.83	
IUPS Contribution	1,500.00	
Symposium Support	1,125.00	
Total Meeting Expenses		33,289.83
Membership Director		602.00
Microcirculation subscriptions		2,100.00
Miscellaneous (USPS, bank fees, office supplies)	118.49	
Online Transaction Expenses (for credit payments)	2,842.91	
Tax Preparation Fees		1,712.00
Web Site Development		900.00
Total Expenses		\$42,430.23
<u>TOTAL INCOME/EXPENSES</u>		\$1,038.22

Contents

2012 Fiscal Year Income/Expense Report

President’s Message 1
 Fall MCS Meeting 2
 Editor’s Message 9
 Journal Webpage 11
 New Members 13
 Membership Benefits 13
 Treasurer’s Report 14
Fiscal Year Report 16
 Business Meeting
 Minutes 17
 Executive Council 19
 Standing Committees 19
 Officer & Councilor
 Nominations 22
 Upcoming Meetings 23

6/1/2012 through 5/31/2013

Category	Amount
Income	
Dividends	
Dividend Income	\$2,300.43
Realized Gain	\$13,224.04
Interest Income	
Bank of America	\$75.47
BMO Harris Bank	\$280.20
Dues Payments (2012 Dues)	\$3,300.00
Dues Payments (2013 Dues)	\$23,935.00
Total Income from Dues (6/1/12-5/31/13)	<u>\$27,235.00</u>
Meeting Revenue:	
Banquet Ticket Sales	\$3,244.00
Total Income	\$46,359.14
Expenses	
Legal Expenses	\$48.00
Filing fee for Charter	\$35.00
Annual Report Fee	\$15.00
Massachusetts Resident Agent Fee	\$100.00
Tax preparation fees	\$1,677.00
Online Transaction Expenses	\$2,893.42
Web site development work	\$900.00
Membership Director work	\$602.00
Microcirc Subscription Bill	\$2,100.00
Meeting Expenses:	
Awards	\$25,750.00
Catering	\$7,812.21
Facilities (refund from FY2011)	-\$9,147.75
Symposium support	\$3,000.00
Meeting Expenses - Other	\$1,500.00
Total Expenses	\$37,284.88
Total Income/Expenses	\$9,074.26

Contents

President's Message	1
Fall MCS Meeting	2
Editor's Message	9
Journal Webpage	11
New Members	13
Membership Benefits	13
Treasurer's Report	14
Fiscal Year Report	16
Business Meeting Minutes	17
Executive Council	19
Standing Committees	19
Officer & Councilor	
Nominations	22
Upcoming Meetings	23

2012 General Business Meeting Minutes**Boston, MA
April 21, 2013**

1. **Call to Order** (Michael Hill): A quorum is present (40 voting members)

2. **Motion** to approve minutes of last year's business meeting (Summer 2012 newsletter) (Bill Jackson, 2nd Molly Frame; all in favor)

3. **MCS Committee reports**

-*Membership* – no discussion

-*Nominating* – Mike Hill announced that the elections generated a vacancy in 1 Council position, as Molly Frame takes on the role of President-Elect. Anatoliy Gashev (as the next highest ranked Councillor nominee) was asked by Council, and has agreed, to fill the 1 year Councillor vacancy.

-*Liaison* – Mike Hill provided an update on the continuation of the MCS membership in IUPS. Discussion ensued, with general agreement, that the microcirculation community should be provided a greater voice in the programming of IUPS if we are to continue paying IUPS dues.

-*Long Range Planning* – No discussion

-*Awards* – Mike Hill recognized the excellent work conducted by the Awards committee in ensuring timely and structured selection of awardees.

-*Programs* – Brant Isakson reported that the website for the MCS/NAVBO joint meeting is available, and contains all program information. Abstract submission deadline is August 15th. Make sure that you check MCS Member box when registering to ensure we are credited with appropriate registrant fees.

-*Communications* – Steve Miller reported that the committee will work to ensure updating of the website

4. **Treasurer's Report**

-Alan Stephenson reported that annual costs are increasing each year, which is not sustainable. The bulk of our savings is in a MoneyMarket fund that made 0.1% interest this past year. Smaller investments in Vanguard fund made ~16% interest.

Motion to move \$50K/yr for each of 3 years from the MoneyMarket fund to the Vanguard fund, and that further evaluation of the situation is done at that time. (Al Stephenson; 2nd by Bill Jackson; All in favor.

2012 General Business Meeting Minutes, continued

5. Journal Editor's Report

Jeff Frisbee reported that British, Australian and New Zealand Microcirculatory Society all have named Microcirculation as their official Society journal.

The Journal Publications committee is being re-worked to include representation from all member Societies. A publication ethics committee also has been formed. The journal has shifted to an entirely ONLINE format in January 2013.

The Publications committee is taking nominations for Associate Editors, as there is turn-over of the existing group of Associate Editors.

Geraldine Clough is taking up a new position as Deputy Editor, with a focus on Special Topics Issues and Invited Reviews.

6. Update on establishing Kaley Awards

-Mike Hill reported that the Kaley endowment (\$100K to both MCS and APS-CV section) will support an annual Featured Topic, which will include a Kaley Award Lecture (senior investigator), and selected talks by young investigators, chosen from abstract submissions. The APS CV section and MCS will alternate organization of the event. A joint committee will oversee the process.

7. Update on 10th World Congress in Microcirculation, Kyoto, 2015

Dr. Axel Pries, International Liaison Committee co-chair, reported that the ILC made the difficult decision earlier this spring to withdraw support for the 2014 World Congress in Beijing, 2014.

The Japanese Microcirculation Society is prepared to host the World Congress. However, the date will be switched to **Sept. 25-27, 2015** to ensure appropriate planning time.

Dr.xxxxx made a presentation and described how plans will be made to ensure a timely preparation for the Congress.

8. Recognition of outgoing officers

Tara Haas, Secretary
Norman Harris, Councilor
Don Welsh, Councilor
Molly Frame, Councilor

Welcome to incoming officers

Trevor Cardinal, Secretary
Dwayne Jackson, Councilor
Shayn Peirce-Cottler, Councilor
Anatoliy Gashev, Councilor
Molly Frame, President-Elect

9. Jeff Frisbee recognized the contributions of outgoing president, Michael Hill.

10. Meeting Adjourned; 5:45 pm

Contents

President's Message	1
Fall MCS Meeting	2
Editor's Message	9
Journal Webpage	11
New Members	13
Membership Benefits	13
Treasurer's Report	14
Fiscal Year Report	16
Business Meeting	
Minutes	17
Executive Council	19
Standing Committees	19
Officer & Councilor	
Nominations	22
Upcoming Meetings	23

MCS Officers & Executive Council, 2013-2014

Title	Name	Term	Telephone
President	Jefferson C. Frisbee	2014	304-293-6527
President-elect	Mary (Molly) D. Frame	2014	631-632-1625
Past-President	Michael A. Hill	2014	573-884-4601
Secretary	Trevor R. Cardinal	2015	805-756-6244
Treasurer	Alan H. Stephenson	2014	314-977-6454
Councilor	Shawn E. Bearden	2014	208-282-6269
Councilor	Luis A. Martinez-Lemus	2014	573-884-0436
Councilor	Brant E. Isakson	2015	434-924-8691
Councilor	Anatoliy A. Gashev	2015	979-450-0796
Councilor	Dwayne N. Jackson	2016	519-661-2111 x 82815
Councilor	Shayn Peirce-Cottler	2016	434-243-5795

MCS Standing Committees, 2013-2014

Membership Committee		Term	Telephone
Chair	Anatoliy (Tolya) Gashev	2014	979-845-7481
Member	Binu Tharakan	2014	254-724-9782
Member	Jay Hoying	2015	502-852-4416
Member	Khalid Matrougui	2015	504-988-2588
Member	Betsy Dokken	2015	520-626-8515
Member	Amanda Jo LeBlanc	2016	502-854-0560
Member	Rhonda Prisby	2016	302 831-7342

Finance Committee		Term	Telephone
Chair	Alan C. Stephenson	2015	314- 977-6454
Member	Rolando Rumbaut	2014	713-798-0316
Member	Luis Martinez-Lemus	2016	573-884-0436
Member	Benjimen Walker	2016	505-272-0619

Nominating Committee		Term	Telephone
Chair	Travis W. Hein	2014	254-845-3689
Member	Mack H. Wu	2014	916-703-0424
Member	Virginia Huxley	2015	573-882-8069
Member	Mary (Molly) D. Frame	2015	631-632-1625

*MCS Standing Committees, 2013-2014, continued***Liaison Committee**

		Term	Telephone
Chair	Jefferson C. Frisbee (ILC)	2014	304-293-6527
Member	Trevor R. Cardinal	2015	805-756-6244
Member	Kim A. Dora (ILC)	2014	+44 1865 281114
Member	Matthew A. Boegehold	2015	304-293-5240
Member	Timothy W. Secomb (ESM)	2015	520-626-4513
Member	William F. Jackson	2015	517-353-5476
Member	Gerald A. Meininger (ILC, USNC for IUPS)	2022	573-882-9662

Long Range Planning Committee

		Term	Telephone
Chair	Mary (Molly) D. Frame	2014 (2020)	631-632-1625
Member	Jefferson C. Frisbee	2019	304-293-6527
Member	Michael A. Hill	2018	631-632-1625
Member	Matthew A. Boegehold	2017	304-293-5240
Member	David C. Zawieja	2016	254-231-1500
Member	William F. Jackson	2015	517-353-5476
Member	Steven S. Segal	2014	573-882-2553

Development Committee

		Term	Telephone
Chair	Michael A. Hill	2014	573-884-4601
Member	David W. Stepp	2014	706-721-1949
Member	Ivo Torres Filho	2014	804-828-2066
Member	Trevor Cardinal	2015	805-756-6244

Historical Committee

		Term	Telephone
Chair	Geert W. Schmid-Schonbein	2014	858-534-3852
Member	Robert L. Hester	2014	601-984-1816

Awards Committee

		Term	Telephone
Chair	Roland Pittman	2015	804-828-9545
Member	David A. Rubenstein	2014	405-744-7118
Member	Randy Sprague	2014	314-977-6400
Member	Karen Stokes	2014	318-675-8420
Member	Zhe (Luke) Sun	2014	573-884-2499
Member	Pam Lloyd	2015	405-744-9019
Member	Christopher G. Kevil	2016	318-675-4694

*MCS Standing Committees, 2013-2014, continued***Publications Committee**

		Term	Telephone
Chair	Johnathan D. Tune	2014	317-274-3433
Member	I. Mark Olfert	2014	304-293-7597
Member	Walter (Lee) Murfee	2015	805-756-6244

Programs and Meetings Committee

		Term	Telephone
Chair	Brant E. Isakson	2015	434-924-9039
Member	Robert W. Brock	2014	304-293-1518
Member	J. Brandon Dixon	2015	404-385-3915
Member	Andreas Beyer	2015	414-456-7514
Member	Dwayne Jackson	2016	519-661-2111 x 82815
Member	Coral Murrant	2016	519-824-4120 x 56173

Communications Committee

		Term	Telephone
Chair	Steven J. Miller	2014	317-274-2657
Member	Paul Marvar	2014	404-727-3713
Member	Danielle McLean	2015	203-901-7341
Member	Robert L. Hester (Web Master)	Ongoing	601-984-1816

Notice for MCS Members!

The **Nominating 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!

2013-2014 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, 2013

Please Email nominations by November 1st to:

Email: thein@tamu.edu

Travis Hein, PhD
Department of Surgery
Texas A&M Health Science Center
702 Southwest H.K. Dodgen Loop
Temple, TX, 76504

Contents

President's Message	1
Fall MCS Meeting	2
Editor's Message	9
Journal Webpage	11
New Members	13
Membership Benefits	13
Treasurer's Report	14
Fiscal Year Report	16
Business Meeting	
Minutes	17
Executive Council	19
Standing Committees	19
Officer & Councilor	
Nominations	22
Upcoming Meetings	23

Upcoming Meetings**Basic Cardiovascular Sciences Scientific Sessions**

Las Vegas, NV – July 22-25, 2013

http://my.americanheart.org/professional/Sessions/BCVS/BCVS_UCM_316903_SubHomePage.jsp

37th World Congress of the International Union of Physiological Sciences (IUPS)

Birmingham, UK – July 21-26, 2013

<http://www.iups2013.org/>

Vasculata 2013

San Diego, CA – July 29-August 1, 2013

<http://www.navbo.org/events/vasculata2013>

Vascular Biology 2013 - Joint meeting of NAVBO and the MCS

Hyannis, Cape Cod, MA – October 20-24, 2013

<http://www.navbo.org/events/vb2013>

American Heart Association Scientific Sessions

Dallas, TX – November 16-20, 2013

http://my.americanheart.org/professional/Sessions/ScientificSessions/Scientific-Sessions_UCM_316900_SubHomePage.jsp

Experimental Biology and the MCS Annual Meeting

San Diego, CA – April 26-30, 2014

<http://www.experimentalbiology.org/2014/Home.aspx>

Arteriosclerosis, Thrombosis, and Vascular Biology Scientific Sessions

Toronto, Canada – May 1-3, 2014

http://my.americanheart.org/professional/Sessions/ATVB/ATVB_UCM_316902_SubHomePage.jsp

10th World Congress for Microcirculation

TBD – 2015

<http://worldmicrocirc.org/>