

The Microcirculatory Society, Inc.

Newsletter

Volume 42, Number 1 – Summer 2014



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Executive Director

Bernadette M. Englert
executivedirector@microcirc.org

Officers

President

Mary D. (Molly) Frame, Ph.D.
president@microcirc.org

President-Elect

Rolando E. Rumbaut, M.D./Ph.D.
presidentelect@microcirc.org

Past-President

Jefferson C. Frisbee, Ph.D.
pastpresident@microcirc.org

Secretary

Trevor Cardinal, Ph.D.
secretary@microcirc.org

Treasurer

Shayn Peirce-Cottler, Ph.D.
treasurer@microcirc.org

A Note from the President

Greetings!

With the sunny summer months, we have a number of new items to pass on.

Welcome to our new Executive Director, Bernadette Englert! Bernadette is well known to many of us through our close association with NAVBO. She has signed on for an initial contract of 2 years. During this time, she will assist with all phases of MCS administration and planning. You can reach her at ExecutiveDirector@microcirc.org.

The Microcirc.org domain. Trevor has enabled the microcirc.org domain for all Officer and Executive Director emails. You will receive emails from Secretary@microcirc.org (aka Trevor Cardinal), Treasurer@microcirc.org (aka Shayn Peirce-Cottler), PresidentElect@microcirc.org (aka Rolando Rumbaut) and President@microcirc.org (aka me). Through this email we will retain institutional memory, and acquire an official record of Council voting. Thanks to Bill Jackson for initiating this domain, Robert Hester for reviving this domain, and to Trevor for enabling and working out the bugs.

MCS is supporting Travel Awards for the NIH Workshop on Small Blood Vessels. Six (6) Travel Awards of \$500 each will support the attendance of trainees and early stage investigators to attend this workshop. On this [webpage](#), NIH has posted a link to the MCS website. We hope to recruit new members and new interest in MCS through these Travel Awards. At the workshop we will host an information table with several Officers and Council members and our Executive Director, Bernadette. Please encourage your students, former students, and those down the hall to apply for these Travel Awards (deadline August 1).

Looking forward, we have [Vascular Biology 2014](#) with NAVBO, October 19-23, 2014. This meeting will take place at the beautiful and rustic Asilomar Conference Grounds, Monterey, CA. MCS is adding three symposia of Inflammatory Oxidative/Nitrosative Stress on Microvascular Responses in Vascular Disease, New Perspectives on the Roles of Lymphatics in Inflammation, and Molecular and Cellular Dynamics of Angiogenesis. These topics dove-tail nicely with the overall theme of the meeting:

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A Note from the President, continued

Developmental Vascular Biology & Genetics, and Vascular Inflammation. The abstract deadline is August 1.

Experimental Biology 2015 in Boston. On the near horizon are the deadlines for [EB 2015](#). The MCS footprint will be slightly different this year. On Saturday morning will be the President's symposium with two invited speakers and four abstracts chosen from the submitted papers on the theme of Oxygen Delivery and Blood Flow Control. We will continue with the MCS luncheon on Saturday, followed by a 2nd MCS Symposium on Inflammation, and a 3rd late afternoon MCS symposium on Molecular Signaling and Channels. The 2nd and 3rd symposia will have two invited speakers (one senior, one junior) and two abstracts chosen from the submitted papers. Saturday will be busy! Sunday afternoon will be the Landis Award Lecture, followed by the MCS General Business meeting (where Awards will be given out). Immediately following the Award recognitions, MCS will host an early-evening reception / poster discussion with food and drink. All Early Stage Investigators may set up their posters; we will need to know how many poster boards to set up, and will issue a call for this information closer to the date. All Travel Awardees will participate in a poster discussion based on the three themes of the symposia (above) and one additional group. This will be a terrific way for our Early Stage Investigators to showcase their work. Note: this poster discussion session is separate from the usual poster presentations that will occur within regular EB programming. Lastly, the Kaley Lecture will be held within regular EB programming. More details will be brought out in the Fall Newsletter.

The 2015 Landis Award Professor Dai Fukumura, MD, PhD! With great pleasure I pass on the MCS Award Committee's top choice for the Landis Award of [Dai Fukumura](#). Many of you will recall that he also received the 2014 Gerritsen Award. I am looking forward to the honor of introducing his Landis Award lecture next spring in Boston. Visit his lab website to learn more about his work.

Kaley Lecturer Professor Mark Nelson, PhD! With great pleasure I announce that [Mark Nelson](#) will be giving the Kaley Lecture at Experimental Biology next spring in Boston. In keeping with the joint selection process between the APS and the MCS, MCS was given the honor of selecting the Kaley Lecturer for odd years. Unanimously, the selection committee (composed of half MCS and half APS members) placed Mark at the top of the list. The Kaley family and their representatives will be invited to this important lecture, which will focus on both excellence in science and commitment to mentoring young investigators. I am looking forward to the honor of introducing Dr. Nelson.

The World Congress preparations are underway. Place a note on your calendar to meet in Kyoto, Japan, September 25-27, 2015. At the MCS General Business Meeting in San Diego, we voted to sponsor 10 Early Stage Investigator Travel Awards at

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A Note from the President, continued

\$1,500 (USD) each. Of course, we next agreed upon a definition of 'Early Stage Investigator' to be an 'MCS member in good standing ranging from graduate students to 6 years post terminal doctoral degree by the time of application'. These Travel Awards will be competitive and chosen by the MCS Awards Committee. Additionally, remember we will also be sending a call for Zweifach Award nominations for the Zweifach Lecturer who will speak in Kyoto. Great news from the Planning Committee for the World Congress- all symposia chairs have been selected and notified. MCS will support symposia for the congress- look for more information soon. Join us in Kyoto in September 2015!

As a heads-up, over the next few weeks, expect to see changes to our by-laws, which we will vote upon in the fall (3 months after they are presented to the membership).

Nominations. Please take a moment from your day to nominate two Councilors, a Secretary, and a President-Elect for our upcoming election. Email the accompanying nomination form to Travis Hein at thein@tamu.edu.

Respectfully,



Molly Frame, Ph.D.

President, The Microcirculatory Society, Inc.

Membership Benefits

- Discounted Registration for the Annual Meeting, Experimental Biology (\$165 savings for Regular/Associate Members and \$20 savings for Student Members)
- Twenty (20) Travel Awards at the Annual Meeting
- Full electronic access to the journal Microcirculation, and electronic table of contents with each issue
- International Travel Award for Outstanding Young Investigators
- Microcirculation Journal
 - Free subscription
 - No submission fee
 - No page charges
 - No charges for color figures

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

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Fall MCS Meeting at Vascular Biology

Just a reminder about the outstanding sessions that MCS has planned for Vascular Biology 2014 as a guest society of NAVBO. The MCS Symposia at Vascular Biology will be held on Monday and Tuesday, October 20th and 21st at the Asilomar Conference Grounds in Monterey (Pacific Grove), California. 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 sessions have at least 3-4 slots for oral presentations from submitted abstracts. The details and speakers can be found here:

→ <http://www.navbo.org/events/vb2014/microcirculation>

→ <http://www.navbo.org/vb2014>

In addition, the MCS will give four (4) Travel awards for graduate student or post-docs, and two (2) 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!

The Abstract submission deadline is August 1 for the following categories:

- Molecular and Cellular Dynamics of Angiogenesis
- New Perspectives on the Roles of Lymphatics in Inflammation
- Inflammatory Oxidative/Nitrosative Stress on Microvascular Responses in Vascular Disease
- Other Microcirculation (posters only)

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

I look forward to seeing all of you in Monterey in October!

Brant Isakson



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Fall MCS Meeting at Vascular Biology – Overview**Opening Session - Sunday, October 19****Career Development Session - Monday, October 20****Concurrent Sessions – Monday through Wednesday****Developmental Vascular Biology Workshop VI**

and

Vascular Inflammation Workshop I

and

Symposia sponsored by the Microcirculatory Society*Poster Sessions - Monday and Tuesday evenings***Closing Session - Thursday, October 23****Vascular Therapeutics Session****Fall MCS Meeting at Vascular Biology – Schedule***Organizer:**Brant Isakson, University of Virginia**in conjunction with the Microcirculatory Society Programming Committee***Monday, October 20, 2014****Inflammatory Oxidative/Nitrosative Stress on Microvascular Responses in Vascular Disease**

Chairs: Zoltán Ungvári, Oklahoma University and Molly Frame, Stony Brook University

Oxidant stress and inflammation: Contributors to the '1-2 Punch' of vascular disease in the metabolic syndrome

Jefferson Frisbee, West Virginia University

Cytomegalovirus: Altering microvascular responses to high cholesterol

Karen Stokes, Louisiana State University

Increased muscle mass improves microvascular function in obesity

David Stepp, Georgia Regents University

New Perspectives on the Roles of Lymphatics in Inflammation

Chairs: Jerome Breslin, University of South Florida and Mariappan Muthuchamy, Texas A&M Health Science Center

Causes and consequences of collecting lymphatic vessel dysfunction during inflammation

Pierre-Yves von der Weid, University of Calgary

Lymphatic vessel patterning and plasticity in the microcirculation

Walter Lee Murfee, Tulane University

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Fall MCS Meeting at Vascular Biology – Schedule, continued**Tuesday, October 21, 2014****Molecular and Cellular Dynamics of Angiogenesis**

Chairs: Shayn Peirce-Cottler, University of Virginia and W. Lee Murfee, Tulane University

Temporal responses of angiogenic stimulators and inhibitors to microvessel expansion and regression

Mark Olfert, West Virginia University

Role and regulation of VEGF in the adult

Patricia D'Amore, Harvard Medical School

NG2-dependent contributions of pericytes and macrophages to tumor vascularization and progression

William Stallcup, Sanford-Burnham Medical Research Institute

Fall MCS Meeting at Vascular Biology – Awards

Travel Awards - graduate students and post docs (and equivalents) are eligible to apply for travel awards. 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 4 recipients will be chosen within the Microcirculation theme.

Travel Awards

Up to 4 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

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Fall MCS Meeting at Vascular Biology – Awards, continued

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 2 recipients will be chosen in the Microcirculation theme.

Outstanding Poster Awards

Up to two Outstanding Poster Awards will be given to postdocs or equivalent in each area - Development/Genetics; Inflammation; and Microcirculation and two 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 23)
- Travel Award recipients are not eligible
- Late-breaking abstracts will be considered

2013 Treasurer's Report

Presented at the Business Meeting, April 27th, 2014 by Alan H. Stephenson, Treasurer

Net Worth, April 1, 2014

(**changes** in value are relative to April 1, 2013)

Summary of holdings:

Bank of America – checking:	\$ 18,282.87	(decrease of \$20,848.56)
Bank of America – savings:	\$ 82,211.00	(increase of \$19,047.56)
BMO Harris (formerly M&I)		
Savings:	\$142,453.84	(net increase of \$211.03)
	(transfer \$100K to Vanguard)	
Vanguard Balanced Index Fund	\$ 149,028.99	(net increase of \$11,946.19)
	(transfer \$75K from BMO Harris)	
Vanguard Wellington Fund	\$60,206.01	(net increase of \$7,208.96)
	(transfer \$25K from BMO Harris)	
Total Holdings:	\$ 452,134.70	(increase of \$17,565.18)

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2013 Treasurer's Report, continued**Total Income: \$77,140.18****Total expenses: \$59,575.00****INCOME:**

Investment income - Vanguard		19,155.14
Interest Income – BMO Harris		211.03
Interest Income – Bank of America Savings		48.01
Membership Dues		
2013 Dues Payment	4,395.00	
2014 Dues Payment	24,239.00	
Total Dues Payment		28,634.00
Meeting Revenue:		
Banquet Ticket Sales EB13	2,408.00	
Banquet Ticket Sales EB14	1,196.00	
APS Contribution: EB2013	10,000.00	
APS Contribution: EB2014	10,000.00	
Kaley Award Donation: EB2013	1,400.00	
MCS/NAVBO Joint Meeting	4,088.00	
Total Meeting Revenue		29,092.00
Total Income		\$77,140.18

EXPENSES:

EB13 Meeting Expenses:		
Awards	18,750.00	
Other Meeting Expenses	10,973.86	
MCS/NAVBO Meeting Expenses:		
Awards	4,000.00	
Other Meeting Expenses	18,590.99	
Total Meeting Expenses		52,314.85
Membership Director		616.00
Microcirculation subscriptions		1,066.88
Miscellaneous (USPS, bank fees, office supplies)		187.12
Online Transaction Expenses (for credit payments)		2,442.15
Tax Preparation Fees		1,673.00
Web Site Development		1,275.00
Total Expenses		\$59,575.00

TOTAL INCOME-EXPENSES \$ 17,565.18

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2014 General Business Meeting Minutes**MCS General Business Meeting Agenda + Minutes
San Diego, April 27, 2014****1. Remembering Professor Brian Duling**

Bill Jackson delivered a heart-felt speech about Brian Duling, describing his contributions, awards, legacy to the society in the form of his trainees, and his interactions with colleagues. We shared a moment of silence at the end of the speech in honor Professor Duling.

2. Call to Order

Jeff Frisbee called to order.

3. Ascertain that a quorum is present (40 is necessary)

There were only 37 members present, so Jeff suggested that we round up to 40, which was seconded by Molly

4. Motion to approve minutes of last year's business meeting (Summer 2013 newsletter)

Bill moved, Jeff second, all in favor, none opposed

5. MCS Committee Reports (Chairs)

Summary of Annual Committee Reports were included in slides and summarized by Jeff, except for below.

Motion to accept the committee reports, seconded and favored by all

Awards- need to decide Landis early for next year- soon call for awards. Will also be collecting nominations for the Zweifach award for the 2015 World Congress. Bill Jackson has the medals for the Zweifach award, but not the vellum.

Suggestion was raised by Virginia Huxley- that you must attend the banquet to accept and receive travel awards.

Communications Committee- Jeff Frisbee- summarized the discussion from the Executive Council Meeting. The website will be completely redone. Quotes will be obtained by Robert Hester. Current site is unsatisfactory and we need to upgrade to support growth. Currently, the communications committee will be responsible for coordinating with council to develop content. Reminder that MCS no longer owns the journal Microcirculation.

It will be important to focus on younger generation that are entering the society- with preparation of ideas on website construction. The communication committee will investigate any difficulties with the domain name.

a. Long-Range Planning Prioritization (Dr. Molly Frame)

Molly- discussed results of survey and "grass roots" document- retraining membership, improving brand, hiring executive director, greater support of trainees, scientific themes at conferences. She also requested feedback and input from the membership on items related to long-term planning and offered full copies of the survey results and "grass roots" document upon request.

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2014 General Business Meeting Minutes, continued

- b. Update on joint MCS/NAVBO conference Monterey, October 2014 (Dr. Brant Isakson)

Brant summarized the Vascular Biology 2013 and general positive feedback on the event. EB 2014 included the same programming as previous years. Vascular Biology 2014 will be a smaller footprint to match the focus of NAVBO and be complementary. We are receiving good exposure with Vascular Biology advertising. There were about 110 abstracts received this year for the MCS categories at EB, which is down slightly. There were about 60 MCS members in attendance of Vascular Biology 2013.

- c. Treasurer's Report (Dr. Alan Stephenson)

Alan summarized the financial report and transfer of funds from Money Market into investment fund. Described caveats of increased revenue due to double payments from APS for EB 2012 and 2013, and dues received between Business Meeting in 2013 and Jan 1, 2014. Discussion of substitution of Paypal for LinkPoint, which will require approval of our non-profit status by PayPal.

6. Summary of Proposed Changes to MCS Bylaws (Dr. Michael Hill)

- a. Term Limit

Bylaws – will send out specific changes via email. Summarized the removal of publications committee and merger of development and long range planning committees.

7. Journal Editor's Report (Dr. Jefferson Frisbee)

Institutional subscriptions are down, but on-line license deals are up (a significant increase). MCS has 280, BMS has 230, ANZ has 46. In 2013, we had a 15-percent increase in downloads. Our impact is up to 2.76, higher than JVR, lower than MVR. Rankings in PVD- 29, higher than JVR and lower than MVR. Article influence score – rank 15th out of 68 in PVD. Described top-downloaded article, eTOC subscriptions are increasing, marketing and promotion is going well- many call for papers and Wiley is starting to delve into social networking. Manuscript production is 6 days from receipt to Wiley for PubMed publishing. Appearance time is a backlog of 3.6 issues- could help to justify a transition to monthly, which would significantly help impact factor. Have about 150 submissions per year, but would need to be around 200 to get to monthly. Contract with Wiley ends in December of 2014, so should see new contract shortly. Wiley has increased editorial office budget. The Japanese Society for Microcirculation will sponsor Microcirculation as their official journal. Major changes to the editorial board- Geraldine is now co-editor in chief. All new Associate editors.

8. Update on 10th World Congress in Kyoto, 2015 (Drs. Makoto Suematsu and Axel Pries)

Update on ILCM meeting this morning- will revise symposia to ensure a balance of symposia from the various societies. Currently have 24 symposia and 4 hybrid sessions- all session will include senior and junior members. The 3-day meeting will be complemented by a 1-day meeting commemorating the 40th anniversary of the JSM. There is a strong focus on fund-raising to support the sessions. Will have finished the draft organization within 3 weeks, will allow 1 week for comments, so that within 5-6 weeks and finalized program will be available. JSM will also support travel awards for Japanese and non-Japanese trainees.

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2014 General Business Meeting Minutes, continued

Molly- move that the MCS support 10 x \$1500 awards to support early-stage investigators (within 6 years of terminal doctoral degree and are members in good standing of the MCS at the time of application; selected by Award Committee)- all supported

Concern that trainees are only applying for membership to be able to apply for the award was recognized as acceptable, as part of the purpose of the travel awards is to attract new members.

9. Plan on Kaley Award Lecture and Featured Topic for 2015 (Dr. Michael Hill) Signed agreement with the family. First lecture will be tomorrow, will plan for the 2015 Kaley award shortly after the completion of EB.

10. Other business

Jeff Frisbee- discuss possibility of joint BMS meeting in June of 2017, may become a regular Fall Meeting. There was enthusiasm for supporting continued investigation of the meeting, but also concern that it may conflict with the ESM meeting in 2017, so suggest merging with the ESM. Suggest that the LRPC work with the BMS and ESM.

Jeff Frisbee- suggest changing the term of the President to 2-years. Molly suggests that Treasurer and Presidency coincide- so that the 2-year term would start after Rolando's term. There was general support for this proposition, but will require a by-law change.

11. Recognition of outgoing officers

- a. Dr. Jefferson Frisbee, President
- b. Dr. Michael Hill, Past-President
- c. Dr. Alan Stephenson, Treasurer
- d. Dr. Shawn E. Bearden, Councillor
- e. Dr. Luis A. Martinez-Lemus, Councillor
- f. Dr. Shayn Peirce-Cottler, Councillor

12. Welcome to incoming officers

- a. Dr. Mary (Molly) Frame, President
- b. Dr. Rolando Rumbaut, President-elect
- c. Dr. Jefferson Frisbee, Past-President
- d. Dr. Shayn Peirce-Cottler, Treasurer
- e. Dr. Jerome (Jerry) Breslin, Councillor
- f. Dr. Walter Lee Murfee, Councillor
- g. Dr. Kim Dora, Councillor
- h. Dr. Anatoliy (Tolya) Gashev, Councillor

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MCS Officer and Councilor Nominations

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

- President-Elect
- Secretary
- Councilors (2 councilor slots will be filled)

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

Please Email the accompanying nomination form (fillable pdf) by November 1st to:

thein@tamu.edu

Dr. Travis Hein, PhD
 Department of Surgery
 Texas A&M Health Science Center
 702 Southwest H.K. Dodgen Loop
 Temple, TX, 76504
 f: 254-742-7145

MCS Officers & Executive Council, 2014-2015

Title	Name	Term	Email
President	Mary (Molly) D. Frame	2015	President@microcirc.org
President-elect	Rolando Rumbaut	2015	PresidentElect@microcirc.org
Past-President	Jefferson C. Frisbee	2015	PastPresident@microcirc.org
Secretary	Trevor R. Cardinal	2015	Secretary@microcirc.org
Treasurer	Shayn Peirce-Cottler	2015	Treasurer@microcirc.org
Councilor	Brant E. Isakson	2015	bei6n@virginia.edu
Councilor	Anatoliy A. Gashev	2015	gashev@tamu.edu
Councilor	Dwayne N. Jackson	2016	dwayne.jackson@schulich.uwo.ca
Councilor	Jerry Breslin	2017	jbreslin@health.usf.edu
Councilor	Walter Lee Murfee	2017	wmurfee@tulane.edu
Councilor	Kim Dora	2017	kim.dora@pharm.ox.ac.uk

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MCS Standing Committees, 2014-2015**Membership Committee**

		Term	Email
Chair	Betsy Dokken	2015	bdokken@deptofmed.arizona.edu
Member	Josh Butcher	2017	butcher@virginia.edu
Member	Jacqueline Vigilance	2017	jacqueline.vigilance@cavehill.uwi.edu
Member	Jay Hoying	2015	jay.hoying@louisville.edu
Member	Khalid Matrougui	2015	kmatroug@tulane.edu
Member	Amanda Jo LeBlanc	2016	amanda.leblanc@louisville.edu
Member	Rhonda Prisby	2016	prisby@udel.edu
Member	Phoebe Stapleton	2017	pstapleton@hsc.wvu.edu

Finance Committee

		Term	Email
Chair	Shayn Peirce-Cottler	2018	Treasurer@microcirc.org
Member	Luis Martinez-Lemus	2016	martinezlemusl@missouri.edu
Member	Benjimen Walker	2016	bwalker@salud.unm.edu
Member	Alan C. Stephenson	2015	stephens@slu.edu

Nominating Committee

		Term	Email
Chair	Travis W. Hein	2015	thein@tamu.edu
Member	John Chappel	2017	jchappell@unc.edu
Member	Virginia Huxley	2015	huxleyv@health.missouri.edu
Member	Mary(Molly) D. Frame	2015	mary.frame@stonybrook.edu

Liaison Committee

		Term	Email
Chair	Kim A. Dora ¹	2017	kim.dora@pharm.ox.ac.uk
President	Mary (Molly) D. Frame	2016	President@microcirc.org
Secretary	Trevor R. Cardinal	2015	Secretary@microcirc.org
Member	Tara Haas ¹	2017	thaas@yorku.ca
Member	Matthew A. Boegehold	2015	mboegehold@uga.edu
Member	Timothy W. Secomb ²	2015	secomb@u.arizona.edu
Member	William F. Jackson	2015	jacks783@msu.edu
Member	Gerald A. Meininger ^{1, 3}	2022	meininger@missouri.edu

Long Range Planning Committee

		Term	Email
Chair	Rolando Rumbaut	2021	PresidentElect@microcirc.org
Member	Mary (Molly) D. Frame	2020	President@microcirc.org
Member	Jefferson C. Frisbee	2019	PastPresident@microcirc.org
Member	Michael A. Hill	2018	hillmi@missouri.edu
Member	Matthew A. Boegehold	2017	mboegehold@uga.edu
Member	David C. Zawieja	2016	dcz@tamu.edu
Member	William F. Jackson	2015	jacks783@msu.edu

¹ International Liaison Committee² European Society for Microcirculation³ United States National Committee for the International Union of Physiological Sciences

MCS Standing Committees, 2014-2015, continued**Contents**

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Development Committee

		Term	Email
Chair	Walter (Lee) Murfee	2017	wmurfee@tulane.edu
Member	Cindy Meininger	2017	cjm@tamu.edu
Member	Karen Stokes	2017	kstoke@lsuhsc.edu
Member	Trevor Cardinal	2015	tcardina@calpoly.edu

Historical Committee

		Term	Email
Chair	Geert W. Schmid-Schonbein	2017	gwss@bioeng.ucsd.edu
Member	Robert L. Hester	2017	rhester@umc.edu

Awards Committee

		Term	Email
Chair	Roland Pittman	2015	pittman@vcu.edu
Member	Binu Tharakan	2017	btharakan@yahoo.com
Member	Adam Goodwill (IUPUI)	2017	agoodwil@iupui.edu
Member	Flavia Souza-Smith	2017	fsouz1@lsuhsc.edu
Member	Pam Lloyd	2015	pamela.lloyd@okstate.edu
Member	Christopher G. Kevil	2016	ckevil@lsuhsc.edu

Publications Committee

		Term	Email
	Walter (Lee) Murfee	2015	wmurfee@tulane.edu

Programs and Meetings Committee

		Term	Email
Chair	Brant E. Isakson	2015	bei6n@eservices.virginia.edu
Member	Jianjie Wang	2017	jwang@missouristate.edu
Member	J. Brandon Dixon	2015	dixon@gatech.edu
Member	Andreas Beyer	2015	abeyer@mcw.edu
Member	Dwayne Jackson	2016	dwayne.jackson@schulich.uwo.ca
Member	Coral Murrant	2016	cmurrant@uoguelph.ca

Communications Committee

		Term	Email
Chair	David A. Rubenstein	2017	david.rubenstein@stonybrook.edu
Member	Jefferson C. Frisbee	2014	jefrisbee@hsc.wvu.edu
Member	Erika Boerman	2017	boermane@health.missouri.edu
Member	Peter Stapor	2017	peter.stapor@vib-kuleuven.be
Member	Robert L. Hester (Web Master)		rhester@umc.edu

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Upcoming Meetings**11th International Symposium on Resistance Arteries**

Banff, Alberta, Canada – September 7-11, 2014

Small Blood Vessels: Big Health Problems?

Bethesda, MD (NIH) – September 18-19, 2014

Vascular Biology 2014 - Joint meeting of NAVBO and the MCS

Monterey (Pacific Grove), CA – October 19-23, 2014

Critical Issues in Tumor Microenvironment, Angiogenesis, Metastasis & Immunology

Cambridge, MA – September 29-October 2, 2014

Cardiovascular extracellular matrix in health and disease

Baeza, Spain – October 6-8, 2014

American Heart Association Scientific Sessions

Chicago, IL – November 15-19, 2014

International Stroke Conference

Nashville, TN – February 11-13, 2015

The Fourteenth International Conference on Endothelin

Savannah, Georgia – September 2-5, 2015

10th World Congress for Microcirculation

Kyoto, Japan – September 25-27, 2015