

The Microcirculatory Society, Inc.

Newsletter

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Winter, 1997

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Problems or General Questions, please
contact:

**Cathy Lynch at
Associated Management Services**

phone: (847) 228-3304

E-Mail: CAL@Plasticsurgery.org

It is with great sadness that we report the passing of Benjamin Zweifach on October 23, 1997. Dr. Zweifach was one of the founders of and greatest supporters of both Microcirculation and the Microcirculatory Society. He will be missed by us all.

President's Message

Julian H. Lombard

As this edition of the President's message is being written, the Thanksgiving holiday is just around the corner. It is a fitting time for reflection on our personal and our professional blessings. The state of the Microcirculatory Society is excellent. The outstanding science and collegiality of the Society are undiminished, and the Society is financially sound. The plans for the combined meeting of the MCS with Experimental Biology '98 in San Francisco are proceeding nicely. Bruce Klitzman has assembled the President-elect's symposium, and has been working hard on the programming arrangements. The members of our Society were outstanding contributors to last year's combined Vascular Biology'97 meeting, and we are expecting the combined meeting with EB'98 to be a tremendous success as well.

As I noted in the last newsletter, the Society retreat at College Station was a great success, and we

are beginning to reap the benefits of the strategic planning opportunities afforded by the retreat. The MCS is taking a strong proactive approach to addressing the challenges faced by the Society, including the maintenance of the financial health of the Society, the continued growth and strengthening of our Society journal, and the fostering of profitable interactions with other scientific organizations. Another initiative during the remainder of the year is to continue to update the MCS procedures manual, in order to reflect the new activities and priorities of the Society. This updated procedures manual will be extremely valuable in helping incoming generations of MCS officers and committee members to perform their duties more efficiently. I have contacted a number of the officers, committee chairs, and committee members regarding the update of the Procedures manual, and I will be contacting the rest shortly. Thanks to all for your assistance in

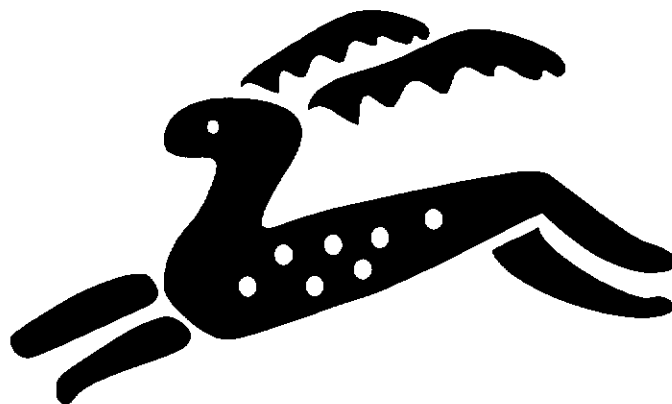
completing this important task.

We are also in the process of creating an electronic directory of our members, and are working with Associated Management Services to insure that all of our members are receiving their mailings and their journal subscription. If there are any problems with receiving the journal or with maintaining current and accurate addresses, please contact me or Associated Management Services (Cathy Lynch or Laura Downes). I would also like to call upon all members to make sure that their dues are paid. This is particularly important in light of the fact that the price of the MCS journal *Microcirculation* is prepaid by the Society, and failure of any member to pay their dues results in a substantial cost to the Society. Since we now send our dues payments to Associated Management Services instead of being able to pay them at the meeting, there is also an increased likelihood that the dues notice can be overlooked or misplaced. In fact, there are unconfirmed reports that dredging operations on the President's desk recently uncovered a dues notice that should have been paid much earlier. The President was reported to be quite relieved that the invoice was recovered in time to make the deadline. Thanks in advance for checking the status of your dues payments.

The past year has been an unusually busy one for the Executive Council and for most of the MCS standing committees. In addition to a number of issues requiring council attention, the Development, Awards, Finance, Publication, and Long Range Planning committees (as well as the ad hoc committee on the MCS web site) have all had a number of important

matters to address. The other standing committees, especially the Membership, Nominating, and Program committee are currently conducting (or have recently completed) their activities, and, without exception, the process has been flawless and efficient. I would like to offer my sincerest thanks to the Committee chairs and the committee members for the thorough, timely, and efficient manner in which they have completed their duties. I would also like to thank Dr. Ellsworth for her outstanding and invaluable service as the Society Secretary and Dr. McDonagh for his outstanding work as Society treasurer. The strength of any organization is in its members, and the Microcirculatory Society is truly fortunate in this area.

Finally, amid all the wonderful memories and outstanding successes enjoyed by the Society, it was with great sadness that we learned of the passing of Benjamin Zweifach. Dr. Zweifach exhibited all of the qualities that are in abundance in our Society. We all know that he was an outstanding scientist. But he displayed an abundance of other qualities that are much more important. In particular, he was a wonderful colleague, and he treated everyone from the most senior members of the Society to the youngest students with courtesy and respect. I first met Dr. Zweifach when I was a Ph.D. student in search of a postdoctoral position. I'll always remember the wonderful way that he treated me at our first meeting, and how he always remembered and greeted the young person who approached him from that time forward. Dr. Zweifach's legacy exemplifies the finest qualities that can be exhibited by a scientist, but most important, by a human being. We shall miss him greatly.



Secretary's Corner

Meeting Information

The 1998 meeting of the Microcirculatory Society will be held April 17-19 in San Francisco, CA. Our meeting is being held prior to and in conjunction with Experimental Biology '98 (EB'98). Posters will be presented Friday afternoon and Saturday morning and afternoon. The President-Elect's symposium entitled **Vascular Developments in Engineered Tissues** will be presented Saturday afternoon with the Landis Award lecture scheduled for Sunday. It is hoped that this arrangement will allow for both our usual intimate poster sessions yet provide good exposure for our Society to other Vascular researchers.

You will notice that registration for the EB meeting is significantly less expensive for both members and nonmembers if you pay in advance. Therefore, we would encourage you to do so. This will also make things run more smoothly at the meeting. We would also encourage you to sign up and pay for the Banquet early using the enclosed form which needs to be returned to Paul McDonagh as soon as possible. We need to provide the caterer with a final number 7 days prior to the event. **Please help us out!** If we get a big turnout, we may be able to cut the final cost and give you back some change. As an added incentive, we will provide all those who pay early with a ticket which can be exchanged for a free drink of your choice at the Exploratorium. Transportation will be provided to and from the Moscone Center.

Christian Crone Award added to list of Society Awards

As mentioned in the Fall Newsletter, a new Award has been added to the list awarded annually by the Society. The Christian Crone Travel award, made possible by a generous gift from a long standing member of this society is designed to enable young scientists from overseas to visit labs in North America. The guidelines for this award are provided elsewhere

New Contact Person at Society Office

Cathy Lynch has replaced Gina Cappellania as the person in charge of our Society at Associated Management. If you have any general questions, need to make address changes, pay your dues or are not receiving the Journal, please contact her and she should be able to help you. Her E-mail address and phone number are on the front page of this Newsletter.

Dues and the Journal

During the past year, many of you have been receiving the Society Journal without having paid your dues while others of you have paid your dues but did not receive the journal. We hope that we have figured out who fits into which category and will have this remedied shortly. It would be very helpful if every member of the Society would **PAY THEIR DUES ON TIME!** Approximately 150 people had not paid their 1997 dues as of December 1, 1997. We, as a Society, made a commitment to the Journal for 450 to 500 subscribers. Since payment of your dues entitles Regular and Associate members to receive the Journal without dues payment we will fall short of our commitment and the survival of the Journal may be jeopardized. Emeritus members of the Society who do not pay dues may subscribe to the Journal through the Society for \$30 by sending a check to Cathy Lynch at the Society office. Please attach a note telling her that it is to cover the Journal.

VOTE FOR NEW OFFICERS

A ballot is included in this Newsletter for voting for New Society Officers. You will also find mini CVs for all the candidates put forth by the Nominating Committee. Please return your Ballot to Walter Durán as soon as possible. The polls close on February 5, 1997 at 5:00 EST.

A Celebration of Benjamin W. Zweifach

A symposium to celebrate the life of Benjamin Zweifach will be held at our annual meeting. Invited speakers will present their remembrances of the man who touched us all in so many ways. In addition, we welcome anyone present to convey to those assembled their thoughts. For those unable to attend the meeting in San Francisco, we invite you to participate by submitting your thoughts in writing to be read at this symposium. We anticipate publishing the proceedings in the Society journal.

The symposium is tentatively scheduled for Saturday, April 18th from 11:00 to 12:30 in the Moscone Center. Anyone interested in contributing to this symposium should contact Geert Schmid-Schoenbein via E-mail at: GWSS@BIOENG.UCSD.EDU, phone (619) 534-3852; FAX (619) 534-6896 or mail: Dept. of Bioengineering, Univ. of California - San Diego, R-012, La Jolla, CA 92093-0412.

We hope you all will contribute by attending this symposium..

Preliminary Announcement: Internet Symposium

7th Tbilisi Symposium

Hemorheology in Microcirculation: Pathological Changes 1998, Tblisi, Republic of Georgia

The Tbilisi Symposia is devoted to basic and applied problems of blood flow in the brain using a system analysis approach with the subproblems and objectives to be solved having been already defined. The Internet will provide a unique venue enabling extensive opportunities for all specialists participating to contemplate each point of the problem and include their contributions when they are ready to do so.

For Further Information contact:

Prof. George Mchedlishvili

President, Georgian Society for Microcirculation and Clinical Hemorheology

Head, Microcirculation Research Center

Beritashvili Institute of Physiology

14 Gotua St.

380060 Tbilisi, Georgia

Phone: +995 (32) 37.10.19

FAX: (Telecom, Georgia) +995 (32) 00.11.27 or 00.10.77

Mini-CVs For Elections

President-Elect:

WILLIAM M. CHILIAN, Ph.D.; Professional Experience: Professor, Department of Physiology, Medical College of Wisconsin, 1996-present; Professor, Department of Medical Physiology, Texas A & M University Health Science Center, 1995-1996; Visiting Scholar, Max-Planck-Institute for Experimental Cardiology, 1993-1994; Assoc. and Assist. Professor, Department of Medical Physiology, Texas A&M University Health Science Center, 1987-1995; Honors and Awards: Distinguished Teaching Award, Association of Former Students of Texas A & M University; Assoc. Ed., Am. J. of Physl.: Heart and Circulatory Physiology, 1993-1995; Editorial Boards: Circulation, 1993-present; Basic Research In Cardiology, 1993-present; American Journal of Physiology, 1992-present; Societies: American Physiological Society, Microcirculatory Society, and American Heart Association (Councils on Circulation and Basic Science); National and International Service: Grant Reviews: National Institutes of Health, Ad Hoc reviewer for study sections and program project grants, 1990-1993, 1997; American Heart Association, 1989-1992, Cardiovascular Regulation Study Section. Microcirculatory Society: Nominating Committee, 1990-1992 (Chairman, 1992); Executive Council, 1993-1995; American Physiological Society: Regular member; Cardiovascular Section, Fellow; Nominating Committee, Cardiovascular Section, 1994-1996; Secretary, Cardiovascular Section, 1997-1998; Section Advisory Committee 1997-2000; Nominating Committee 1997-2000; Education Committee 1997-1998; American Heart Association: Fellow, Council on Circulation; Executive Committee, Council on Circulation 1997-1999; Member Basic Science Council; Symposia and Workshops: "Control of the Coronary Microcirculation: New Insights Based on Microvascular Function," Federation of Societies for Experiental Biology, 1990; Organizer for "New Methodologies," Resistance Vessel Society, 1991; Organizer for National Institutes of Health, Heart, Lung, and Blood Institute Workshop, "The Coronary Microcirculation in Health and Disease," 1994; Organizer for International Union of Physiological Sciences, "Control of the Coronary Circulation," 1997; Publications: Over 90 original manuscripts, chapters, and reviews.

RONALD F. TUMA, Ph.D.: Present Position: Professor of Physiology and Neurosurgery, Chair of Physiology, Associate Dean for Research, Temple University School of Medicine, Philadelphia, PA. Education: B.S. Muhlenberg College (1970) Ph.D. Department of Physiology, Temple University School of Medicine. Postdoctoral: Temple University School of Medicine. Previous Positions: Assistant Professor (1977) Associate Professor (1982) Professor (1990) Assistant Dean (1990) Temple University School of Medicine Professional Societies: Microcirculatory Society [Membership Committee (1977-79) Membership Committee Chair (1980), Secretary/Treasurer (1982) Secretary (1983-87)], American Physiological Society, Association of Chairs of Departments of Physiology, Honors: Golden Apple Award (1981, 1984, 1986, 1991, 1993), George E Sowell Award for Excellence in Basic Science Teaching (1989) Lindback Award for Distinguished Teaching (1992) Alpha Omega Alpha National Medical Honor Society (1996) Guest Professor, Department of Experimental Surgery Heidelberg University, Germany (1984). Peer Review American Journal of Physiology, Microvascular Research, Hypertension. Study Section: NSF Grant Reviewer 1982-86, NIH Experimental Cardiovascular Study Section Ad Hoc (1982, 1983, 1984) Program Project Site Visit Consultant (1984) Rheological Studies in Sickle Cell Disease (1983) Cardiovascular and Renal Study Section Ad Hoc (1986) OBM 2 (AHR-S1) Study Section (1989) Research Manpower Review Committee Ad Hoc (1989), NHLBI Special Emphasis Panel, Peripheral Arterial Disease Pilot Study (1992). Reverse Site Visitor NIA 1992, 1994, 1997.

Treasurer:

WILLIAM G. MAYHAN, Ph.D.: Present Position: Professor, Dept. of Physiology and Biophysics, Univ. of Nebraska Medical Center, Omaha, Nebraska. Education: B.S., Creighton University (1977); Ph.D., Univ. of Nebraska Medical Center (1983). Postdoctoral: Univ. of Iowa Hospitals and Clinics, Dept. of Internal Medicine (1983-1985). Previous Positions: Assist. Res. Scientist, Univ. of Iowa Hospitals and Clinics, Dept. of Internal Medicine (1985-1986); Assoc. Res. Scientist, Univ. of Iowa Hospitals and Clinics, Dept. of Internal Medicine (1986-1987); Assist. Professor, Univ. of Iowa Hospitals and Clinics, Dept. of Internal Medicine (1987-1989); Assist. Professor, Univ. of Nebraska Medical Center, Dept. of Physiology (1989-1992); Assoc. Professor, Univ. of Nebraska Medical Center, Dept. of Physiology (1992-1996). Professional Societies: Microcirculatory Society, Am. Physiol. Society, Am. Physiol. Society Cardiovascular Section (Awards Committee), Am. Heart Assoc. Council on Circulation, Am. Heart Assoc. High Blood Pressure Council, Am. Heart Assoc. Stroke Council. Editorial Boards: Am. J. Physiol., Stroke, Microvascular Research. Honors and Awards: Young Investigator of the Year, Microcirculatory Society (1983), NIH-National Research Service Award (1984), NIH-New Investigators Research Award (1986), American Heart Association Council on Circulation Travel Award (1987), NIH-Research Career Development Award (1988-1993), FASEB Summer Research Conference Travel Award (1988), Young Investigators Award, University of Nebraska Medical Center (1991), Research Volunteer of the Year Award, American Heart Association: Nebraska Affiliate (1995), Joseph P. Gilmore Distinguished Scientist Award, University of Nebraska Medical Center (1995), Chair of Research Committee, American Heart Association: Nebraska Affiliate (1997-1999). Peer Reviewer: American Journal of Physiology, Microvascular Research, Microcirculation, Journal of Applied Physiology, Circulation Research, Hypertension, Stroke, Journal of Cerebral Blood Flow and Metabolism, European Journal of Pharmacology, Brain Research, Cardiovascular Research, Life Sciences. Study Sections: NIH-Neurology B-1 Study Section Ad-Hoc (1990), American Heart Association Western Peer Review Consortium (1991-1993), NIH-NINDS Special Review Committee (1992), NIH-National Institute on Aging Special Review Committee (1992), NIH- Experimental Cardiovascular Study Section (Regular Member; 1994-1999), American Heart Association Study Group Committee (1993-1997), American Heart Association: Heartland Affiliate (Regular Member; 1997-present).

PAUL F. McDONAGH, Ph.D.: Present Position: Professor of Surgery, Director, Cardiovascular and Thoracic Surgery Research, University of Arizona, Tucson, Arizona. Ph.D.: University of California, Davis (1976). Postdoctoral Training: University of Arizona (1976-1979). Professional Societies: Microcirc. Soc.(Program Comm. 1983-1985; Executive Comm. 1987-1990; Membership Comm. 1988-1991; Development Comm. 1993-1996; Finance Comm. 1995-1996; Treasurer and Chair, Finance Comm. 1996-1998). American Physiological Society (Cardiovascular Section), American Heart Association (Basic Science and Circulation Sections). Editorial Board: Microcirculation. 1983-1988. Grant Review: Am. Heart Assoc. Connecticut Affiliate, Research Review Comm. 1982-1984; Am Heart Assoc. Texas Affiliate, Research Advisory Comm. 1985-1989. NIH HLB Study Sections (Ad Hoc, 1982, 1987). Veterans Administration Merit Award (Ad Hoc, 1994). Am. Heart, Southwest Affiliate Grants Review Comm. 1996-1999. Honors and Awards: Charles W. Ohse Award 1980; Sigma Xi (Yale University) 1982; Charles A. Lindbergh Award 1984; Johnson and Johnson Focused Giving Award 1987; Honorary Research Fellow, University College, London 1990; Fellow, Council on Circulation, American Heart Assoc., 1996.

Executive Council:

JAMES E. FABER, Ph.D.: Present position: Professor of Physiology, Univ. of North Carolina, Chapel Hill, N.C., Ph.D.: Univ. of Missouri (1981, Physiology); Postdoctoral: Univ. of Iowa (1981-83, Pharmacology), Professional Societies: MCS (Awards, 87-89; Executive Council, '90-'93; Program, '93-95; Liason, '96-present), APS (Nominating, '92-96, Steering, '93-96) European Soc. Microcirculation, AHA, Council on High Blood Pressure Research, AHA, Council on Circulation, North American Vascular Biology Organization; Editorial Boards: Am. J. Physiol.-Heart Circ. Physiol., 1991-present, Assoc. Editor, 1993-present; J. Vasc. Res., 1991-present; Study Sections: NIH-NHLBI, ECS 1989-'91 (ad hoc), 1993-'95 (regular); Honors: Eur. Soc. Microcirc. Travel Award, 1980, NIH-Research Career Dev. Award, NHLBI, 1989-'94, Am. Soc. Pharmacol. Exptl. Therapy Intl. Travel Award, 1990.

HARVEY N. MAYROVITZ, Ph.D.: is currently the Director of Cardiovascular Research of the Miami Heart Research Institute where he has been conducting research for the past 20 years. He has authored or co-authored about 200 scientific publications and presentations in the area of cardiovascular science and medicine. His present research focus is the clinical aspects of human microcirculation. He received his Ph.D. from the University of Pennsylvania in Philadelphia where he was born and raised. He received post-doctoral training at Temple Medical School and at the Medical University of Rotterdam. In addition to his research endeavors he is active in teaching as an adjunct professor in physiology at Temple Medical School and in Biomedical Engineering at the University of Miami. He has been a member of the Microcirculatory Society for 25 years and has served on numerous committees during this time. He has served as associate editor for Microvascular Research and is a contributing editor for a number of cardiovascular journals. He is an active member of the American Heart Association Council on circulation and serves as an advisor to several other scientific societies and cardiovascular based industries. He and his wife, the former Sandra Joyce Klevan, have been married for 35 years and have two children and several grandchildren.

EDWARD J. MESSINA, Ph.D.: Present position: Professor of Physiology, New York Medical College, Valhalla, NY. Education: B.S. St. John's University, Jamaica, Queens, NY, (1960, Biology); Ph.D. New York Medical College, Valhalla, NY (1973, Physiology). Postdoctoral: New York Medical College, Department of Physiology (1973-1974). Professional Societies: Am. Physiol. Soc. (Fellow of the Cardiovascular Section), Am. Heart Assoc. (Council for Circulation and Basic Science), Microcirc. Soc. (Finance Committee, 1993-'97); Am. Assoc. Advancement of Science, Editorial Board: Assoc. Editor, Microvascular Res. (1992-present); Honors and Awards: NIH Pre-doctoral fellowship (1968-1971); NIH Postdoctoral fellowship (1993-'94), Am. Heart Assoc. Herman Tarnower Memorial Research Award, 1988; Alpha Omega Alpha Medical Honor Society, Iota Chapter, Distinguished Professor (1993), NY Medical College Dean's Award for Excellence in Teaching and Research (1993); Peer Review: National Ins. of Aging (1979 Ad Hoc); NIH Div. of Research Grants (1980, Ad Hoc), NSF (1981, ad hoc) NIH Heart, Lung and Blood Inst., Study Sec. Cardiovas and Renal (1982, Ad hoc; Reg. 1984-'87)), AHA, NY State Affiliate Peer Review Res. Committee, (1982 Ad. Hoc); NIH National Cancer Inst., Special Review Committee for O.I.G. (1992).

Continued on Next Page

THOMAS C. SKALAK, Ph.D.: Present Position: Professor of Biomedical Engineering, University of Virginia; Education: B.E.S., The Johns Hopkins University, 1979, Bioengineering; Ph.D., University of California, San Diego, 1984, Bioengineering; Previous Positions: Teaching Assistant, Continuum Mechanics and Biomedical Engineering Laboratory, University of California, San Diego (1979-1984); Research Fellow, California Heart Association, Dept. of AMES-Bioengineering, University of California, San Diego (1984-1986); Assistant Professor of Biomedical Engineering, University of Virginia (1986-1992); Associate Professor of Biomedical Engineering, University of Virginia (1992-1997); Professor of Biomedical Engineering, University of Virginia (1997-present); Professional Societies: Microcirculatory Society, Finance Committee, (1996-1999); European Society for Microcirculation; Biomedical Engineering Society, Finance Committee, (1988-1991); National Representative to the Association for the Advancement of Medical Instrumentation, (1988-1990); Organizing Committee, Fall Meeting, (1991) Board of Directors, (1996-1999); Editorial Boards: Microcirculation; Honors and Awards: Abbott Microcirculation Award, 1984 Travel Award of the European Soc. for Microcirculation, (1984) California Heart Association Research Fellow; (1984-1986) NIH Research Career Development Award, (1990-1995); Director, Whitaker Foundation Center for Engineering of Wound Prevention and Repair (1995-present) Regular Peer Review: National Science Foundation, Division of Emerging Engineering Technology, (1988-1991).

Happy Holidays

May 1998 bring health and happiness to you and
your family

