

The Microcirculatory Society, Inc.

Newsletter

Volume 27, Number 3

Winter, 1999-2000

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President: Ron Tuma:
tumarf@astro.ocis.temple.edu
President-Elect: Walter Duran
duran@umdnj.edu
Secretary: Mary Ellsworth:
ellsworthm@slu.edu
Treasurer: Paul McDonagh:
pcmcdonag@u.arizona.edu

President's Message

Ronald Tuma

Information about the upcoming meeting in San Diego is available in both the Newsletter and the Website. This promises to be a stimulating, productive meeting. We have made every effort to retain the identity of the Society while benefitting from meeting in conjunction with the Experimental Biology. I hope you are looking forward to participating as much as I am. I would encourage you to try and attend the Society Banquet at Tom Hams Lighthouse on Saturday April 15. This is a nice time to have a relaxed evening with old friends and to hear about Society activities and functions. Remember that tickets must be purchased prior to March 15.

If you haven't recently visited the Website please do so. The importance of the Website as a means of distributing information and coordinating Society functions continues to grow. There have been significant improvements made in upgrading the site. Please, if you have not already done so, take the time to check out your personal information to ensure that everything is correct. Bob Gore has done an outstanding job in developing the site and has always been receptive to suggestions for improvement. Please let us know of any additional

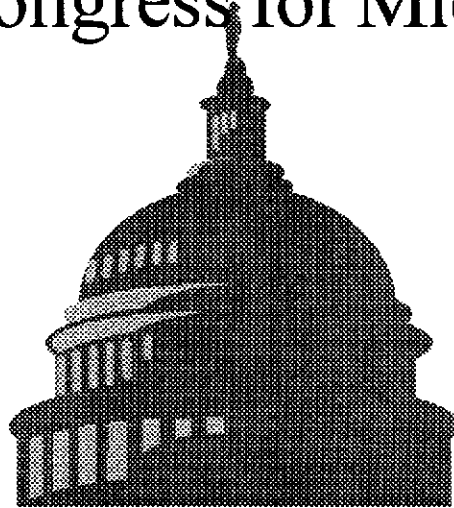
ideas that you might have for improving our Website.

I would like to take this opportunity to thank the Officers, Council Members and Committee Members for all the hard work they have done on behalf of the society. We are all indebted to them for our continued operation and growth. One area that needs improvement is enhancing membership participation in Society activities. We would benefit from greater participation in activities such as nominations for Society officers, Society awards, and the recruitment of new members. This is an issue that will be brought to Council at the annual meeting, but I would welcome any suggestions that you might have. If there are other issues that you would like Council to consider please send me an e-mail so that the issues could be included on the agenda for the meeting. I know that we are all facing extraordinary pressures on our available time, but the vitality of the Society is critically dependent upon membership participation. Please help us to improve and keep our Society at the forefront of microvascular research.

What are You Doing in the Summer of 2005?

No Plans Yet?

Why not host the 8th World Congress for Microcirculation



The Microcirculatory Society has been selected as the host Society for this meeting and has decided to "piggy-back" with the IUPS meeting in Washington, D.C. to be held Aug 7-12, 2005. Proposals for hosting should be prepared for presentation both to the MCS Executive Council and at our MCS business meeting in San Diego, on April 14. As many details as possible should be included, such as funding, fees, housing, social functions, and scientific programming format.

Also, any suggestions regarding meeting format in the distant future should be sent to Bruce Klitzman (klitz@duke.edu).

Secretary and Treasurer's Corner

Meeting Information

The 2000 meeting of the Microcirculatory Society will be held April 14-16 in San Diego, California. Our meeting is being held prior to and in conjunction with Experimental Biology 2000. Posters will be presented Friday afternoon and Saturday morning and afternoon. The President-Elect's symposium entitled "Biochemical Signaling in the Control of Microcirculatory Function" will be presented Saturday afternoon with the Landis Award Lecture scheduled for Sunday. The Business meeting will be held Friday afternoon with the Executive Council meeting scheduled for Friday morning beginning at 8:00. The Banquet is scheduled for Saturday evening at Tom Ham's Lighthouse. Tickets are \$40.00 each, and you get to select from 3 entrees. There will be a no-host bar prior to the dinner.

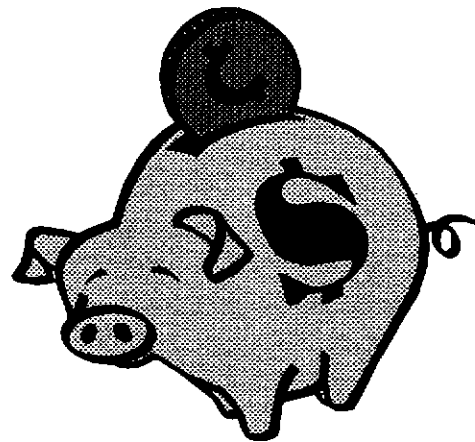
You will notice that registration for the EB meeting is significantly less expensive for both members (\$160 vs \$215 USD) and nonmembers (\$220 vs \$275) if you pay in advance. Even Students will receive a \$10 discount for preregistration. We would encourage you to preregister as it will make your life less hectic and we are all looking for ways of doing that. However, if you really must procrastinate and put it off until the meeting, registration, will be opening Friday at 1:00 in the San Diego Convention Center so you will be able to register and get a name badge at that time so you won't have to attend *incognito*.

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 candidates put forth by the hard working Nominating Committee. Please return your ballots to Roger Adamson as soon as possible. **The polls close on February 4, 2000 at 5:00 PST.** Don't miss your chance to make a difference!

Money

Thank you to all the members who have paid their dues for 1999 and have been diligent about updating their database information. It has been extremely helpful. As you know, we must collect dues every year and by now you should have received your dues statement for 2000. It would be a real treat for our outgoing Treasurer to have EVERYONE pay his/her dues immediately so he won't have to work extra hard in his last year. We all know that putting it in the pile on the desk won't make it go away and will only mean that you will get another and another and another. If you want to continue to be a member of the Microcirculatory Society and receive the journal *Microcirculation*, you need to do your share and pay your dues. It is only 19 cents a day for a regular member and this year you get an extra day! What a bargain!



E-MAIL REQUEST

Thanks to all those who have checked the **SEARCHABLE DIRECTORY** information on our web site and made sure that **both their mailing AND e-mail addresses are correct.** We need to have this information to enable us to send you late breaking news and information. If you have not done so please do so **NOW!**



Banquet 2000



Location: Tom Ham's Lighthouse (see photo)
San Diego, CA
(about 10 minutes from Convention Center)

Date: Saturday, April 15th, 2000

Tentative Time: No-host, Cash Bar beginning at 6:00
Dinner at 7:00

Menu: Choice of:

Baked Sea Bass Hollandaise

Fillet of White Sea Bass, baked and topped with hollandaise sauce, served with stuffed baked potato and vegetable

or

Roast Prime Rib

9 oz cut of Choice Prime Rib of Beef au jus, served with stuffed baked potato and vegetable

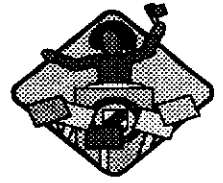
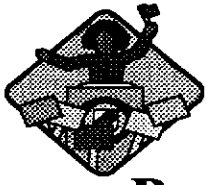
or

Vegetarian

Meals will be served with wine (Cabernet Sauvignon or Chardonnay) or non-alcoholic beverage

Transportation will be provided

Cost: \$40.00 per person; Must be paid prior to March 15, 2000 with choice of entree indicated on the form at time of payment



Mini-CVs for Candidates

President-Elect:

William Chillian, 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; Associate Professor and Assistant Professor in the 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; Associate Editor, American Journal of Physiology: Heart and Circulatory Physiology, 1993-1995, 1999-present; Editorial Boards: Circulation, 1993-present; Basic Research In Cardiology, 1993-present; American Journal of Physiology, 1992-present Microcirculation, 1999-present; Associate 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.

Ingrid H. Sarelius, Ph.D.: Present Position: Professor of Pharmacology and Physiology and Faculty member in Biomedical Engineering Program, University of Rochester School of Medicine and Dentistry, Rochester, NY. Education: Ph.D., (1978), University of Auckland, Auckland, New Zealand. Previous Positions: Professor, Dept. of Pharmacology and Physiology and Dept. Biochemistry and Biophysics, Univ. Rochester, 1996-99; Professor, Dept. of Biophysics and Dept. of Physiology, Univ. Rochester, 1993-96; Associate Professor, Dept. Biophysics and Dept. Physiology, Univ. Rochester, 1986-1993; Assistant Professor, Dept. Biophysics and Dept. Physiology, Univ. Rochester, 1981-1986; Fogarty International Exchange Fellow, Dept. Physiology, Univ. Virginia, 1979-81; Senior Tutor, Dept. Physiology, Univ. Auckland, 1978-80 (on leave, 1981). Professional Societies: *The Microcirculatory Society (Inc.):* Chair, Publications Cmte, 1997-00; Program Cmte, 1994-97; Council Member, 1988-91; Nominations Cmte, 1984-87; Microcirculatory Society representative to International Liason Cmte, 1987-91 (Executive Council, 1991-96). *American Physiological Society:* Fellow, Cardiovascular Section; Steering Cmte, Cardiovascular Section, 1996-99; Nominating Cmte, Cardiovascular Section, 1996-98 (Chair, 1998); Animal Care and Experimentation Cmte, 1996-98. *American Heart Assn:* Fellow, Council on Circulation; Executive Cmte, Council on Circulation, 1996-98. *Bio-*

medical Engineering Society: Chair, Constitution and By-Laws Cmte, 1998. Member at Large, US National Cmte, International Union of Physiological Sciences, 1996-99; International Union of Physiological Sciences, Commission on Microcirculation, 1998-. *European Society for Microcirculation*, Regular member. **Editorial Boards**: Am. J. Physiol: Heart and Circulatory Physiology, 1999; Microcirculation, 1993; Microvascular Research, 1990. **Honors and Awards**: Pharmacia Travel Award of the Microcirculatory Society, 1985. National Heart Foundation of New Zealand Visiting Professor, 199. Univ. Rochester Graduate Student Award to Faculty, 1995. **Ad Hoc Peer Review**: NIH Cardiovascular and Renal Study Section, 1988-92. AHA Cardiovascular Physiology and Pathophysiology Study Cmte, 1994-97. NIH Ad Hoc for Study Sections and Program Projects, 1985-1998.

Treasurer:

Ann Baldwin, Ph.D.: **Present Position:** Associate Professor of Physiology, University of Arizona, Tucson AZ. **Education:** BSc (1975) Physics Honors, University of Bristol; MSc (1976) Radiation Physics, The Middlesex Hospital, University of London; PhD (1979) Biophysics, Imperial College of Science and Technology, University of London. **Postdoctoral:** Department of Aeronautics, Imperial College (1979-1981); Department of Physiology and Biophysics, Columbia University (1981-1983); Department of Physiology, University of Arizona (1984-1987). **Professional Societies:** The Microcirculatory Society, Publications Committee, Membership Committee, Nominations Committee (Chairman 1995-96); American Physiological Society, Fellow, Cardiovascular Section; North American Vascular Biology Organization; Council on Circulation, American Heart Association; International Society of Lymphology; International Society of Biorheology; American Association for the Advancement of Science; Biomedical Engineering Society, Education and Public Affairs Committee. **Editorial Boards:** American Journal of Physiology, Heart and Circulatory Section; Microcirculation. **Honors and Awards:** Young Investigator Travel Award to attend Third World Congress for Microcirculation (1984); Lampport Award of the Cardiovascular Section of the American Physiological Society (1986); Travel Award from European Society for Microcirculation to attend 14th International Conference in Sweden (1986); Robert S. Flinn Merit Award for Junior Investigators, American Heart Association, Arizona Affiliate (1987); Travel Award from American Physiological Society to attend IUPS Conference in Helsinki (1989); Whitaker Foundation Research Award (1989); Travel Award from European Society for Microcirculation to attend European Microcirculation Society meeting in London (1992); Sarver Award, University of Arizona Heart Center (1999). **Peer Review:** American Heart Research Consortium Study Group (1993, 1999); North Carolina Biotechnology Center; NIH Cardiovascular and Renal Study Section (1996-present).

Geert Schmid-Schönbein, Ph.D.: Professor of Bioengineering in the Institute for Biomedical Engineering at the University of California in San Diego. He received his Ph.D. in Bioengineering from the same institution in 1976. From 1976 to 1979 he joined the Department of Physiology at Columbia University in New York City and thereafter returned to the University of California in San Diego where he served in the Department of Applied Mechanics and Engineering Sciences from 1979 until 1994 and in the Department of Bioengineering thereafter. His research interest is in Microcirculation during Health and Disease. The current focus of research in the Microcirculation Laboratory under his direction is in mechanisms of ischemic diseases and hypertension. He has been a member of the Microcirculatory Society since 1975, he has served on the Council, as Member of the International Liaison Committee, the Awards Committee and others, and is currently on the Publications Committee.



Councilor:

Akos Koller, M.D., Ph.D.: **Present Position:** Associate Professor, Dept. of Physiology, New York Medical College, Valhalla, New York. **Education:** M.D., Semmelweis University of Medicine, Budapest, Hungary (1975); Ph.D., Hungarian Academy of Sciences (1995) **Previous Positions:** Instructor (1976-1982), Assistant Professor (1982-1985), Associate Professor (1985-1987) Exp. Res. Dept. and 2nd Dept. of Physiology, Semmelweis University of Medicine, Hungary; Research Associate, Dept. of Physiology, University of Arizona, (1982-1985); Research Associate (1987-1989), Assistant Professor (1989-1992) Dept. of Physiology, New York Medical College, Valhalla NY. **Professional Societies:** Microcirculatory Society, American Physiological Society, American Heart Association (Council for High Blood Pressure Research), European Society for Microcirculation, Hungarian Physiological Society, International Society for Pathophysiology **Microcirculatory Society Activities:** Development Committee: Member (1995-1997), Chairman (1997-1998); **Editorial Board:** Member: Microcirculation (1992 - 1998). Co-Editor: Acta Physiologica Hungarica (1999- Date).: **Peer Reviewer:** Microcirculation, Microvascular Research, Prostaglandins, American Journal of Physiology, Circulation Research, Endothelium, Cardiovascular Research, J. of Vascular Research, Am. J. of Ob. & Gyn, Pediatric Research, Arteriosclerosis, Thrombosis and Vascular Biology, Hypertension: **Study section:** American Heart Association New York State Affiliate Research Peer Committee (1992-1995).

Klaus Ley, M.D., Ph.D.: **Present position:** Professor of Biomedical Engineering, Molecular Physiology and Biological Physics, University of Virginia School of Medicine. **Education:** Altkönigschule-Gymnasium, Kronberg, Germany, B.S. 1976, Julius-Maximilians- Universität, Würzburg, Germany, M.D., 1983, Dept. Physiology, Freie Universität Berlin, Germany, postdoctoral 1983-1987, AMES-Bioengineering, UCSD, San Diego, CA, postdoctoral 1987-1989. **Previous positions:** Instructor, Dept. Physiology, Freie Universität Berlin, Germany (1990-1992), Assistant Professor (C1), Dept. Physiology, Freie Universität Berlin, Germany (1992-1994), Associate Professor of Biomedical Engineering, Molecular Physiology and Biological Physics, University of Virginia School of Medicine (1994-1999). **Professional Societies:** 1984 - present, Gesellschaft für Mikrozirkulation (German Society for Microcirculation) (vice president, 1993-1995), 1986 - present, European Society for Microcirculation, 1986 - present, Deutsche Physiologische Gesellschaft (German Physiological Society), 1989 - present, American Physiological Society, 1990 - present, Microcirculatory Society (USA) (program committee 1994-1996), 1995 - present, Biomedical Engineering Society, Senior Member, 1998 - Society for Leukocyte Biology, Member. **Editorial Boards:** Journal of Leukocyte Biology, Section Editor, 1998-present, Journal of Immunology, Associate Editor, 1995-2001, Microvascular Research, Associate Editor, 1996-1999, American Journal of Physiology: Heart and Circulatory Physiology, Editorial Board 1993-1999, Microcirculation, Editorial Board, 1999-present. **Regular reviewer for:** Journal of Clinical Investigation, Journal of Experimental Medicine, Blood, others including Nature Medicine, PNAS sporadically. **Honors and Awards:** Abbott Microcirculation Award 1986, Basic Medical Research Award of the SmithKline Beecham Foundation, 1992, Cover photograph "Immunity", 1994, Microcirculation, 1996, Senior member BMES, 1996, Finalist, American Heart Association Basic Science Prize 1998. **Grant peer review:** NIH Pathology A Study Section, member, 1996-current, reviewer for NIH NHLBI special study section to review Program Project Grant application, 1996 Reviewer for NIH NHLBI Special Emphasis RFA "Homing determinants in hematopoietic stem/progenitor cells (RFA-HL-96-020), 1997 Reviewer for NIH NHLBI special emphasis panel on

Sickle Cell Center Grant applications, 1997, Reviewer for research proposal submitted to the Israel Science Foundation, administered by the Israel Academy of Sciences and Humanities, 1996, Reviewer for research proposal submitted to The Arthritis and Rheumatism Council for Research in Great Britain and the Commonwealth, Chesterfield, Derbyshire, UK, 1997, Local research grant, Washington University, St. Louis, MO, 1997, Reviewer for research proposal submitted to the United States- Israel Binational Science Foundation, Jerusalem, Israel, 1998, Reviewer for the Wellcome Trust, London, UK, 1999, Reviewer for German Research Council (DFG), 1999.

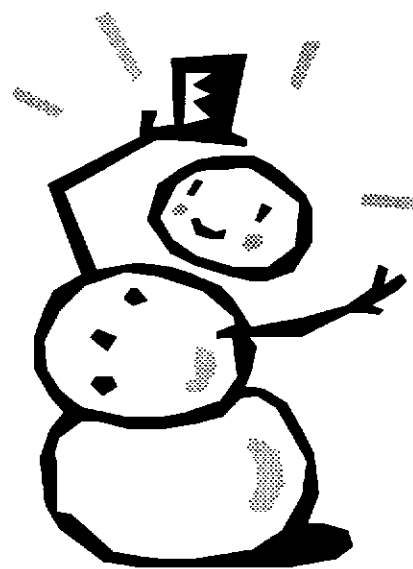
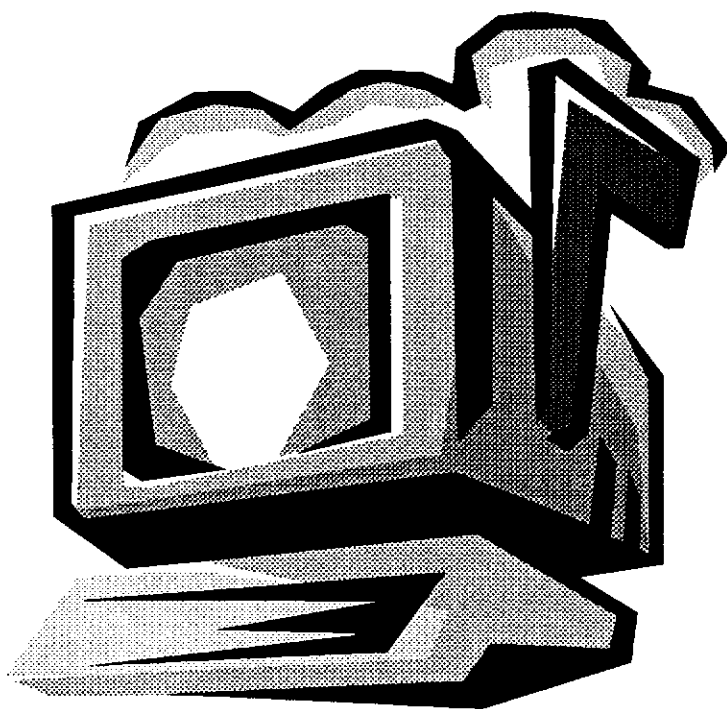
Steven S. Segal, Ph.D.: **Personal:** Born in Miami, Florida; grew up in Oakland, California. **Education:** BA in Physical Education (1976) and MA in Exercise Physiology (1978) from UC Berkeley. Ph.D. degrees in Physiology and Education from the University of Michigan (1984). Postdoctoral training at the University of Virginia (1987). **Professional:** Fellow, The John B. Pierce Laboratory, Inc. and Professor of Cellular & Molecular Physiology, Yale University School of Medicine. **Research:** Efforts focus on understanding cell-to-cell communication in the resistance vasculature and on mechanisms of blood flow control to skeletal muscle. Supported by the National Heart, Lung, and Blood Institute of the NIH. **Professional Societies:** American College of Sports Medicine (ACSM; 22 years), American Heart Association (AHA) - Council on Circulation (12 years), American Physiological Society (APS; 14 years - Education Committee until 2000), European Society for Microcirculation (ESM; 9 years), The Microcirculatory Society, Inc. (MCS; 14 years), NAVBO (5 years). **Honors and Awards:** NRSA and FIRST Awards from NIH; Established Investigator of the AHA; Elected Fellow of the Cardiovascular Section of APS and of ACSM; Travel Award from MCS; Abbott Award from ESM. **Teaching:** Supervised Undergraduate, Master's, and Ph.D. theses. Developed "Physiological Systems" as a course at Yale University. Conference Section Leader for Medical Physiology (Yale Medical School). **Symposia & Seminars:** Organized and/or participated in symposia for the AHA, APS, ACSM, MCS, IUPS, The Netherlands Physiological Society, Gordon Research Conference, Copenhagen Muscle Research Centre, World Congress for Microcirculation, and Acta Physiologica Scandinavica. Invited seminars nationally and internationally. **Service:** Has served on or is a member of Editorial Boards of the Journal of Applied Physiology, American Journal of Physiology, Journal of Vascular Research, and Microcirculation. Chair of Institutional Animal Care and Use Committee. Grant reviewer/study section for the American Heart Association, National Institutes of Health, Wellcome Trust, and the Swiss National Science Foundation. Manuscript referee for several peer-reviewed journals.

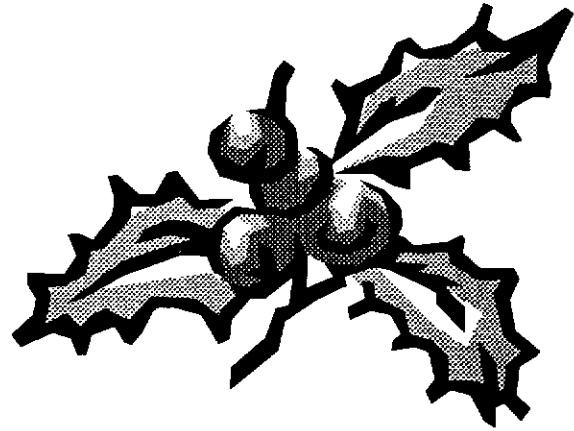
Terrence E. Sweeney, Ph.D.: **Present Position:** Associate Professor, Department of Biology, University of Scranton, Scranton, PA. **Education:** B.A. Colgate University, Hamilton, NY (1980); M.S. University of Rochester, Rochester, NY (1983); Ph.D. University of Rochester, Rochester, NY (1987). **Postdoctoral:** University of Arizona, Department of Physiology, Tucson, AZ (1987-91). **Professional Societies:** Microcirculatory Society; American Physiological Society; Society for the Study of Reproduction; Council on Undergraduate Research. **Awards and Honors:** NIH-National Research Service Award (1987-89); Faculty Development Award, University of Scranton (1993; 1996). **Peer Reviewer:** American Heart Association, Arizona Affiliate (1991-92); American Journal of Physiology; Microvascular Research; Journal of Andrology.



Don't Forget to check our Web site!
<http://microcirc.org>

The Spring Newsletter with final meeting information should be posted in early March. Look for it! If you have provided a valid e-mail address on the Searchable Directory, you will be notified as soon as it is available! We would like this to be the means of communication in the near future so please help us!





Be it the new Millenium or the year before, we would like to wish you and your families a very Happy New Year!!!!!!!

