

CURRICULUM VITAE

NAME: Michael J. Miller, M.D., F.A.C.S.

PRESENT TITLE AND AFFILIATION:

Primary Appointment

Professor and Chair, Department of Plastic Surgery, The Ohio State University Wexner Medical Center, Columbus, Ohio

CITIZENSHIP AND VISA STATUS: U.S.A.

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Upper Arlington, OH 43221
(614) 607-5283, Telephone

OFFICE ADDRESS: The Ohio State University
Department of Plastic Surgery
915 Olentangy River Road
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Columbus, OH 43212
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michael.miller@osumc.edu E-mail

EDUCATION:

Degree-Granting Education

United States Air Force Academy, Colorado Springs, Colorado, 1975, Engineering Science

University of Massachusetts, Amherst, Massachusetts, B.S., 1978, Zoology

The International Christian Graduate University, School of Theology Institute of Biblical Studies, Fontana, California, Certificate of Completion, 1981, Theology

University of Massachusetts Medical School, Worcester, Massachusetts, M.D., Jun 1982, Medicine

Postgraduate Training

General Surgery Resident and Chief Resident, Berkshire Medical Center, Pittsfield, Massachusetts, Parvis Sadighi, M.D., 7/1982-6/1987

Plastic and Reconstructive Surgery Resident, The Ohio State University, Columbus, Ohio, Robert L. Ruberg, M.D., 7/1987-6/1989

Reconstructive Microsurgery Fellowship, Tulane University, New Orleans, Louisiana, William Swartz, M.D., 7/1989-6/1990

CREDENTIALS:

Board Certification

National Board of Medical Examiners, 1983

American Board of Surgery, 1988-1998

American Board of Plastic Surgery, 1993
Maintenance of Certification, 2010-2020 (10 year cycle)

Licensure(s)

Active

Ohio, 35-055145, 1988, 1989, 07/01/2008, 07/01/2012, 7/01/2014, 7/01/16

Texas, H8761, 12/04/1990, 8/31/2009, 8/31/2011, 8/31/2013, 8/31/15

Inactive

Massachusetts, 269207, 7/1/1983, 1988

Louisiana, 08039R, 5/25/1989, 12/31/1990

EXPERIENCE/SERVICE:

Academic Appointments

Instructor in Anatomy, Albany Medical College, Albany, New York, 1984

Clinical Instructor in Surgery, Department of Surgery, The Ohio State University, Columbus, Ohio, 1987-1989

Clinical Instructor in Surgery, Division of Plastic Surgery, Tulane University School of Medicine, New Orleans, Louisiana, 1989-1990

Assistant Professor of Plastic Surgery, Department of Plastic Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1990-1995

Clinical Assistant Professor of Plastic Surgery, Department of Plastic Surgery, Baylor College of Medicine, Houston, Texas, 1992-1995

Associate Professor, Department of Plastic Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1995-2002

Clinical Associate Professor of Plastic Surgery, Division of Plastic Surgery, Baylor College of Medicine, Houston, Texas, 1995-2005

Associate Faculty Member, Graduate School of Biomedical Sciences, The University of Texas, Houston Health Science Center, Houston, Texas, 1999-2005

Adjunct Associate Professor of Bioengineering, George R. Brown School of Engineering, Rice University, Houston, Texas, 1995-2007

Adjunct Associate Professor, University of Texas – Austin, Division of Biomedical Engineering, Austin, Texas, 2000-2007

Adjunct Assistant Professor, Division of Plastic and Reconstructive Surgery, The University of Texas Medical School at Houston, Houston, Texas, 1992-2007

Professor, Department of Plastic Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 2002-2007

Clinical Professor of Plastic Surgery, Division of Plastic Surgery, Baylor College of Medicine, Houston, Texas, 2005-2007

Professor of Surgery, Chief, Division of Plastic Surgery, The Ohio State University, Columbus, Ohio, 2007 - 2010

Professor of Plastic Surgery, Department of Plastic Surgery, The Ohio State University Wexner Medical Center, Columbus, Ohio, 2010 - Present

Academic Administrative Appointments/Responsibilities

Coordinator, Reconstructive and Plastic Surgery Exhibit, Golden Jubilee, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1991

Operating Room Liaison, Department of Plastic Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1992-1997

Director, Plastic Surgery Research Conference, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1994-1997

Medical Director, Microvascular Surgery Unit, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1994-2007

Deputy Chairman, Department of Plastic Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1997-2007

Manager, Department of Plastic Surgery Physician Assistant Staff, The University of Texas M. D. Anderson Cancer Center, Houston, Texas 1997-2007

Coordinator, Clinical Research Conference, Department of Plastic Surgery, The University of Texas M. D. Anderson Cancer Center, Houston, Texas 2004-2007

Chief, Division of Plastic Surgery, Department of Surgery, The Ohio State University, Columbus, Ohio, 2007 – 2010

Medical Director of the Hand Service, The Ohio State University, Columbus, Ohio 2007-2010

Chair, Department of Plastic Surgery, The Ohio State University, Columbus, Ohio 2010-Present

Institutional Committee Activities

Member, Quality Assurance Committee, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 1990-1993

Member, Minimally Invasive Task Force, Division of Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1992-1993

Member, Quality Improvement Surgical Procedures Team, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1994-1995

Member, Faculty Promotions Committee, Division of Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1996-1997

Member, Compensation/Retention Committee, Division of Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1997-1998

Alternate Member, Credentials Committee of the Medical Staff, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 1999-2000

Member, Clinical Ethics Committee, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1996-2001

Member, Research Faculty Forum Advisory Committee, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 2000-2001

Member, Institutional Animal Care and Use Committee, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 2000-2001

Chairman, New Members Nominating Sub-Committee, Clinical Ethics Committee, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 2001-2001

Member, Infection Control Sub-Committee, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 1998-2003

Member, Credentials Committee of the Medical Staff, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 2000-2002

Alternate Member, Credentials Committee of the Medical Staff, The University of Texas M. D. Anderson Cancer Center, Houston, Texas 2002-2004

Vice Chairman, Clinical Faculty Review Committee, The University of Texas M. D. Anderson Cancer Center, Houston, Texas 2002-2005

Member, Inpatient Electronic Medical Record Subcommittee, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 2000-2007

Member, Clinical Computer Advisory Group, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 2000-2007

Member, PRS Budget and Finance Committee, The University of Texas M. D. Anderson Cancer Center, Houston, Texas 2004-2007

Member, Infection Control Committee, The University of Texas M. D. Anderson Cancer Center, Houston, Texas 2006 – 2007

Member, Center for Women's Health Steering Committee, The Ohio State University, Columbus, Ohio 2007 - 2010

Member, Graduate Medical Education Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2007 - Present

Member, Technology Assessment Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2007 - 2011

Member, Department of Surgery Promotion and Tenure Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2007 - Present

Member, Medical Director's Collaborative Group, The Ohio State University Wexner Medical Center, Columbus, Ohio 2008 - 2012

Member, Department of Surgery Board of Managers, The Ohio State University Wexner Medical Center, Columbus, Ohio 2008 - Present

Member, Department of Surgery Fiscal Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2008 - Present

Member, Sarcoma Disease Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2009 - Present

Member, Skull Base Center Executive Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2009 – 2010

Member, Outpatient Surgery Center Executive Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2009 – Present

Member, James Medical Staff Administrative Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2009 – Present

Member, University Hospital Medical Staff Administrative Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2009 – Present

Member, Patient Satisfaction Taskforce, The Ohio State University Wexner Medical Center, Columbus, Ohio 2009 – Present

Member, James Operating Room Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2009 – Present

Member, Sarcoma Disease Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2009 – Present

Member, Stephanie Spielman Comprehensive Breast Center Leadership Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2010-Present

Member, Stephanie Spielman Comprehensive Breast Center Patient Education Steering Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2010-Present

Member, Patient Experience Council, The Ohio State University Wexner Medical Center, Columbus, Ohio 2010 – 2012

Member, Surgical Leadership Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2009 – Present

Chair, Plastic Surgery Department Executive Committee, The Ohio State University Wexner Medical Center, Columbus, Ohio 2010 – Present

Representative, Faculty Council, The Ohio State University Wexner Medical Center, Columbus, Ohio 2009– 2011

Other Appointments/Responsibilities

Member, National Geographic Site Visit Team, University of Texas M. D. Anderson Cancer Center, Houston, Texas, 1999

Faculty, Preceptorship/Clinical Exchange Program, The University of Texas M. D. Anderson Cancer Center, Houston, Texas 2003-2004.

Faculty Maxillofacial Instructor, AO North America, Paoli, Pennsylvania, 2000-Present

Consultantships

Medical Strategic Network, Redlands, CA, Consultant for health professionals for training in whole person care, 1990-Present

Ethicon Endo-Surgery, Inc, Consultant for minimally invasive surgical instrumentation and methods, 1992-1996

Cook Vascular Incorporated, Leechburg, PA, Consultant for Doppler Devices, 1995-2004

National Science Foundation, Georgia Institute of Technology, Atlanta, Georgia, Site Visit – Engineering Research Center, January 28-29, 1998

W. L. Gore, Inc., Flagstaff, Arizona, Consultant for osseous tissue engineering, 5/14-15/1998.

Rice University, Department of Bioengineering, Houston, Texas, Consultant for Center for Excellence in Tissue Engineering, 1999-2000

Interplast, Inc., Mountain View, California, Consultant for International Microsurgery Training Workshops 1999-Present

Surgiform, Cleveland, Ohio, Consultant for developing computer assisted design of surgical implants, 2000-2003

General and Plastic Surgery Device Panel, Medical Devices Advisory Committee, Center for Radiological Health, United States Food and Drug Administration, Washington, DC, 2003-Present

- Panel Meeting, Agenda: 1) PMA for Artecoll® 2) Clinical trial issues for devices designed for ablation of pulmonary tumors 3) Clinical trial issues for devices designed for the treatment of emphysema, Gaithersburg, MD, Feb 27-Mar1, 2003.
- Panel Meeting, Agenda: 1) Classification of Silicone Elastomer intended for use in the management of keloid and hypertrophic scars. 2) Reclassification of absorbable hemostatic agent intended for use as adjuncts to hemostatics during surgical procedures (except neurosurgical, urological, and ophthalmic procedures) when other conventional methods fail or are impractical. 3) Consider postmarket information on two approved saline inflatable breast implants indicated for reconstruction or augmentation of the female breast, Gaithersburg, MD, Jul 8-9, 2002.
- Panel Meeting, Agenda: 1) Discuss and make recommendations on the reclassification of absorbable hemostatic agents. 2) Discuss a general issue: clinical trial for devices designed for percutaneous removal of breast tumors. Gaithersburg, MD, Jul 23-24, 2003.
- Panel Meeting, Agenda: Discuss, make recommendations/vote on premarket approval application (PMA) sponsored by Inamed Corp. (formerly McGhan Medical) for the Silicone Gel-Filled breast prosthesis indicated for reconstruction or augmentation of the female breast, Gaithersburg, MD, Oct 14-15, 2003.
- Panel meeting, Agenda: 1) PMA for Q-Med Scandinavia, Inc.'s *Restylane*. 2) PMA for Genzyme Biosurgery, Inc.'s *Hylaform*. Gaithersburg, MD, Nov 21, 2003.
- Panel Meeting, Agenda: Discuss and make recommendations/vote on a premarket approval application (PMA) for Aventis Pharmaceuticals, Inc.'s *Sculptra* Gaithersburg, MD, Mar 25, 2004.
- Panel Meeting, Agenda: Discuss and make recommendations/vote on two premarket approval applications (PMAs) for silicone gel-filled breast implants from Inamed Corp. and Mentor Corp. Gaithersburg, MD, Apr 11-13, 2005.
- Panel Meeting, Agenda: Discuss and make recommendations on the classification of 6 preamendments medical devices: bone wax, medical maggots, medicinal leeches, tissue expanders, wound dressing with a drug, and wound dressing with animal-derived components, Gaithersburg, MD, Aug 25-26, 2005.
- Panel Meeting, Agenda: August 24 - Discuss and make recommendations on two premarket approval applications (PMA's) for an injectable device intended for use in the correction of facial contour deformities. August 25 – Discuss and make recommendations on the reclassification from Class III to Class II of acrylate tissue adhesive. Gaithersburg, MD, Aug 24-25, 2006.
- Panel Meeting, Gaithersburg, MD, April 25-26, 2011.

RUC Panelist
Chicago, IL, September 29-October 1, 2010.

Pan-Africa Academy of Christian Surgeons, Consultant to Surgical Resident Program, 2000-Present

Johnson and Johnson Corporate Biomaterials Center, Consultant on determination of maxillofacial application of absorbable mesh and plating systems, Somerville, New Jersey, 2000-2001

Rice University Media Symposium, Houston, Texas, Consultant to news personnel in the coverage of and reporting of scientific news, 4/10/2001

Micro Companies Alliance, MCA, Birmingham. AL, Consultant for micro coupler devices, 2001-Present

Pharmacia Corporation, New York, Plastic Surgery National Advisory Board Member, July 12-4, 2002

Healthmark Multimedia, LLC, Washington, DC, Consulting for Breast Cancer Survivors Phase II, 3/15/2002-3/15/2005

Blood Products Advisory Committee, United States Food and Drug Administration, Washington, DC, 2005

- Committee Meeting, Agenda: 1) Management of donors and units that test positive for Hepatitis B Virus (HBV) DNA by Nucleic Acid Tests (NAT) 2) Scientific basis for review of Varicella Zoster Immune Globulin 3) Dextran 1 Pre-treatment for safe use of Dextran 40/70, Gaithersburg, MD, July 21, 2005

Military or Other Governmental Service

United States Air Force Academy, USAF Cadet, Active Duty, 7/1973-7/1975

HONORS AND AWARDS:

Phi Beta Kappa, 1978

Ralph Zupanec Surgical Award for Outstanding Surgical House Officer, Berkshire Medical Center, Pittsfield, Massachusetts, 1987

Senior Clinical Research Award, Plastic Surgery Education Foundation, Co-Author of Paper for 1992 PSEF Scholarship Contest (with W. M. Swartz and R. Izquierdo), 1991

Certificate of Merit, Awarded by Amer Soc of Reconst Microsurgery for Video Presentation Entitled, "Minimally Invasive Tissue Harvest for Microvascular Reconstruction", 1993

Personal Profile in The Christian Medical and Dental Society Journal 26(2):8-11, Spring 1995

Research Profiled in "Research in Focus – Tissue Engineering and the Human Body Shop: Designing 'Bioartificial' Organs", Journal of NIH Research 7(7):49-53, 7/1995

Research Co-Advisor for Honorable Mention Poster Award from Houston Society for Engineering in Medicine and Biology for "Bone Formation Using Stromal Osteoblasts Cultured in Biodegradable Polymer Foams" by Ishaug SL, Crane G, Miller MJ, Yaszemski MJ, Mikos AG, Houston, Texas, 1/1996

Research Co-Advisor for Project Awarded Honorable Mention for Best Senior Resident's Conference for "Prefabricated Bone Flaps in Sheep" by Bowen D, Goldberg DL, Yaszemski MJ, Mikos AG, Miller MJ, Memphis, Tennessee, 1996

Journal Cover Page of Tissue Engineering, Histology Slide "Guided Bone Growth in Sheep", 2(1):Cover, 1996

Plastic Surgery Education Foundation Reconstruction Videotape Award for 1997, "Endoscopic Latissimus Muscle Harvest for Breast Reconstruction", 1997

Houston Top Doctor, Inside Houston Magazine, 1998

The Best Doctors in America: Central Region, Woodward/White, Inc., Aiken, South Carolina, 1998, 1999

Scope of Research Efforts Cited in Wu C. "Last Piece of the Puzzle" American Society for Engineering Education, Prism: 19-23, 2001

Eagle Award, Cancer Fighters of Houston, Houston, Texas, Apr 2002

The Best Doctors in America, Best Doctors, Inc., 2003-2004, 2004-2005, 2005-2006, 2009-2010, 2010-2011, 2011-2012

Multi-year appointment, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 2003-2006, 2006-2009

Silver Award, 2004 HeSCA Media Festival, for Patient Education CD ROM "Breast Reconstruction: What you need to know, Health Science Communications Association, Denver, Colorado, Jun 12, 2004

Patient Education CD ROM "Breast Reconstruction: What you need to know. Selected for inclusion in the Time Capsule commemorating opening of The Ambulatory Clinical and Cancer Prevention Building, The University of Texas, M. D. Anderson Cancer Center, Houston, Texas, 2004

America's Top Physicians, Consumers' Research Council of America, 2004-2005, 2005-2006

Stratmore's Who's Who, Westbury, New York, 2004-2005, 2005-2006

Distinguished Service Award, U.S. Food and Drug Administration, Advisory Committee, Center for Devices and Radiological Health, General and Plastic Surgery Devices Panel Medical Devices Advisory Committee, 2002-2005

Excellence in Research Mentorship, Outstanding and exceptional inspiration of engineering students, 2005 UT Center For Biomedical Engineering Summer Internship Program, The University of Texas Austin and Rice University, 2005

Scope of Research Efforts cited in M. D. Anderson Cancer Center Oncology "Filling the Void", 50(5):1-4, May 2005

Texas Monthly list of "Super Docs", 2005

America's Top Surgeons, Consumers' Research Council of America, 2006

Health Care Heroes Nominee, Business First, Columbus, Ohio, 2008

Best Case of the Year, American Society of Reconstructive Microsurgery Annual Conference, 2010

Best Save of the Year, American Society of Reconstructive Microsurgery Annual Conference, 2010

Best Doctors in American 2009-2010, 2010-2011, 2011-2012

RESEARCH:

Grants and Contracts

Principal Investigator, Industrial funding for cooperative efforts for development of minimally invasive tissue harvest techniques, Ethicon Endo-Surgery, Inc., Research Foundation Fund, 1992-1996, (Unspecified award)

Principal Investigator, Reconstruction of Bone Tissue and Devising New Ways to Control and Direct Bone Growth, The Irene Cafcalas Hofheinz Foundation, 1993-1995, \$20,000 (\$10,000/year)

Principal Investigator, Tissue Engineering Strategies for Bone, The Irene Cafcalas Hofheinz Foundation, 1995, \$20,000 (\$20,000/year)

Co-Investigator, r-Human Bone Morphogenic Protein-2 as Bone Graft Substitute for Bone Defects, The University of Texas M.D. Anderson Cancer Center, PRS Grant Principal Investigator: Yasko AW, 1995, \$28,594 (\$28,594/year)

Principal Investigator, Tissue Engineered Bone Flaps in Sheep, The University of Texas M.D. Anderson Cancer Center, PRS Grant ECRA, 1995-1996, \$26,087, (\$26,087/year)

Principal Investigator, Calvarial Defect Reconstruction Using Cultured Osteoblast/Polymer Constructs, Research Funds Competition for Clinical Trainees, Sponsor to Mark Smith, Microsurgery Fellow 1996, \$4,000, (\$4,000/year)

Consultant, Injectable Biomaterials of Bone Tissue Engineering, NIH Grant 1 R01 AR44381-01, Principal Investigator: Mikos A, 1996-2001 \$1,018,445 (\$203,689/year)

Consultant, Bone Regeneration by Osteoblast Transplantation, NIH Grant R29, Principal Investigator: Mikos A, 1996-2001, \$504,070 (\$100,814/year)

Principal Investigator, Reconstruction Videotape Award, Plastic Surgery Education Foundation 1997, \$5,000 (\$5,000/year)

Co-Investigator, Evaluation of Endosseous Implants in guided-growth microvascular bone flaps in a sheep model The Osseointegration Foundation, Principal Investigator: Jacob RF, 1997-1998, \$20,000 (\$20,000/year)

Principal Investigator, Minute Man Press, Houston, Texas. 1997, 1998, 1999, 2000, \$12,000 (\$3,000/year)

Co-Investigator, A bioprinter for in vitro synthesis of tissue grafts, NIH SBIR, Principal Investigator: MicroFab, 2/1999-8/2000, \$100,000 (\$100,000/year)

Principal Investigator, Breast Reconstruction Patient Education CD Project, McGhann Corporation 1999, \$25,000 (\$25,000/year)

Principal Investigator, Breast Reconstruction Patient Education CD Project, Barr Labs, 1999, \$25,000 (\$25,000/year)

Principal Investigator, Brochure-Breast Reconstructive Options for the Mastectomy Patient. Volunteer's Endowment for Patient Support (VEPS), 1999-2000, \$5,000 (\$5,000/year)

Principal Investigator, Creation and evaluation of interactive breast reconstruction patient education material. University Cancer Foundation, Holiday Letter Program, 1999 - 2000, \$25,000 (\$25,000/year)

Principal Investigator, Bone Regeneration by Osteoblast Transplantation, National Institute of Diabetes and Digestive and Kidney Disease Student Summer Research Program (NIDDK), 5/30/2000-8/4/2000, \$4,000(\$4,000/year)

Principal Investigator, Creation and evaluation of interactive breast reconstruction patient education material. University Cancer Foundation, Holiday Letter Program, 2000-2001, \$25,000 (\$25,000/year)

Principal Investigator, Assessment of capillary density and osteoblast viability within the minimal essential unit of a tissue fabrication device, IRG Grant – The University of Texas, M. D. Anderson Cancer Center, 2000-2001, \$47,500, (\$47, 500/year)

Principal Investigator, Completion of breast reconstruction patient education material, Children's Art Project, 2001, \$5,000 (\$5,000/year)

Principal Investigator, Study of Soft Tissue Biomechanics of the Breast, Cancer Fighters 2002, \$40,000 (\$40,000/year)

Faculty, UT-TORCH T32 Dental Training Grant, PI: Rene D'Souza, DDM 2002

Principal Investigator, Educational Aid for Spanish-Speaking Women, Susan G. Komen Foundation, 11/30/2003-6/30/2004, \$31,175.00 (\$31,175.00)

Co-Investigator, Stem Cell Plasticity and Tissue Repair, UT M.D. Anderson Cancer Center Multidiscipline Research Project, PI: Zeev Estrov, MD, 2003-2006, \$24,750

Principal Investigator, Breast Reconstruction Patient Education, Volunteer Endowment for Patient Support (VEPS), 2004, \$5,000 (\$5,000/yr).

Collaborator, NSF BES-0402591, Collaborative Research: Physics-based modeling and simulation for post-mastectomy breast reconstructive surgery, PI: Ioannis Kakadarias, Ph.D., 2004-Present, \$350,000

Consultant, Objective Assessment of breast reconstruction aesthetics, NIH R21 (PA-03-058), PI: Mia Markey, Ph.D., 4/1/05-3/31/07, \$385,850

Co-Investigator, Reconstruction of Bone Defects Using Periosteum and Regenerative Biomaterials, Musculoskeletal Transplant Foundation, PI: Anshu B. Mathur, Ph.D., 01/01/2006-12/31/2006, \$100,000 2006

Principal Investigator, Topological Optimization Methods for Designing Patient-Specific Large Craniofacial Segmental Bone Replacements, National Science Foundation, ends 4/30/12, \$158,407

Funded Protocols

Collaborator, "Breast Conservation Therapy, Mastectomy with Immediate Reconstruction or Mastectomy without Reconstruction: A Comparison of the Quality of Life and Cost Outcomes", The University of Texas, M.D. Anderson Cancer Center, ID 99 189, Principle Investigator: Robb GL, 2/24/2000, \$50,000

Patents Granted and Pending

Patent Application No.09/164,746, Subcutaneous Endoscopic Dissector(Submit 1998)

Grant Reviewer/Service on NIH/Other Study Sections

Grant Reviewer, Plastic Surgery Research Fellowship, Plastic Surgery Education Foundation, American Society of Plastic Surgeons, 1997-2003

Grant Reviewer, Pittsburgh Tissue Engineering Initiatives Technology Development Fund Seed Grant Program, University of Pittsburgh, 2001

Grant Reviewer, Basic Research, Plastic Surgery Education Foundation, 2001-2004

Merit Reviewer, Merit Review Subcommittee for Surgery, Department of Veterans Affairs, December 2003

Merit Reviewer, Merit Review Subcommittee for Surgery, Department of Veterans Affairs, June 2004

Adjunct Merit Reviewer, Merit Review Subcommittee for Surgery, Department of Veterans Affairs, 2004-Present

PUBLICATIONS:

a. Articles in Peer-Reviewed Journals

1. Veinoglou GT, **Miller MJ**, Curletti E. Retroperitoneal neurofibrosarcoma. Surgical Rounds 10(12):59-62, 1987.
2. Basile RM, **Miller MJ**, Morales JM, Curletti E, Curd CC. Combined percutaneous choledochoscopy and fluoroscopy for retrieval of retained common bile duct calculi. Bulletin of the Berkshire Medical Center 1:3-4, 1988.
3. **Miller MJ**, Swartz WM, Miller RH, Harvey JM. Cost analysis of microsurgical reconstruction in the head and neck. J Surg Oncol 46:230-234, Apr 1991.
4. **Miller MJ**, Williams LL, Slack SL, Nappi JF. The clinical characteristics and natural history of hand involvement in Charcot-Marie-Tooth disease. Br J Hand Surg 16B:191-196, May 1991.
5. Jacob RF, Reece GP, Taylor TD, **Miller MJ**. Mandibular restoration in the cancer patient: Microvascular surgery and implant prostheses. Texas Dental Journal 109(6):23-26, Jun 1992.
6. Swartz WM, Izquierdo R, **Miller MJ**. Implantable venous doppler monitoring – a practical, sensitive indicator of microvascular thrombosis. Plastic Surgical Forum 15:171-172, Sept 1992.
7. Schusterman MA, Reece GP, **Miller MJ**, Harris S. The osteocutaneous free fibula flap: Is the skin paddle reliable? Plast Reconstr Surg 90(5):787-793: Discussion 794-798; Nov 1992.

8. Kroll SS, Reece GP, **Miller MJ**, Schusterman MA. Comparison of the rectus abdominis free flap with the pectoralis major myocutaneous flap for reconstructions in the head and neck. *Am J Surg* 164(6):615-618, Dec 1992.
9. **Miller MJ**, Schusterman MA, Reece GP, Kroll SS. Interposition vein grafting in head and neck reconstructive microsurgery. *J Reconstr Microsurg* 9(3):245-251: Discussion 251-252, May 1993.
10. Schusterman MA, Kroll SS, Reece GP, **Miller MJ**, Ainslie H, Halabi SS, Balch CM. Incidence of autoimmune disease in patients after breast reconstruction with silicone gel implants versus autogenous tissue: A preliminary report. *Ann Plast Surg* 31(1):1-6, Jul 1993.
11. **Miller MJ**, Balch CM. "Iris" technique for immediate umbilical reconstruction. *Plast Reconstr Surg* 92(4):754-756, Sept 1993.
12. Bengtson BP, Schusterman MA, Baldwin BJ, **Miller MJ**, Reece GP, Kroll SS, Robb GL, Goepfert H. Influence of prior radiotherapy on the development of postoperative complications and success of free tissue transfers in head and neck cancer reconstruction. *Am J Surg* 166(4):326-330, Oct 1993.
13. Schusterman MA, Reece GP, **Miller MJ**. Osseous free flap for orbit and midface reconstruction. *Am J Surg* 166(4):341-345, Oct 1993.
14. Reece GP, Kroll SS, **Miller MJ**, Baldwin BJ, Pollock RE, Romdahl MM, Ross MI, Janjan NA, Schusterman MA. Lower extremity salvage in cancer patients using free tissue transfer. *Riv Ital Chir Plast* 25:441-446, Nov 1993.
15. Reece GP, Schusterman MA, Pollock RE, Kroll SS, **Miller MJ**, Baldwin BJ, Romdahl MM, Janjan NA. Immediate versus delayed free-tissue transfer salvage of the lower extremity in soft tissue sarcoma patients. *Ann Surg Oncol* 1(1):11-17, Jan 1994.
16. Swartz WM, Izquierdo R, **Miller MJ**. Implantable venous doppler microvascular monitoring: Laboratory investigation and clinical results. *Plast Reconstr Surg* 93:152-163, Jan 1994.
17. Kroll SS, Schusterman MA, Reece GP, **Miller MJ**, Smith B. Breast reconstruction with myocutaneous flaps in previously irradiated patients. *Plast Reconstr Surg* 93(3):460-469: Discussion 470-471, Mar 1994. [Abstracted in *Breast Diseases: A Year Book Quarterly*] Sept 1994.
18. Schusterman MA, **Miller MJ**, Reece GP, Kroll SS, Marchi M, Goepfert H. A single center's experience with 308 free flaps for repair of head and neck cancer defects. *Plast Reconstr Surg* 93(3):472-478: Discussion 479-480, Mar 1994.
19. Schusterman MA, Kroll SS, **Miller MJ**, Reece GP, Baldwin BJ, Robb GL, Altmyer CS, Ames FC, Singletary SE, Ross Mi, Balch CM. The free transverse rectus abdominis musculocutaneous flap for breast reconstruction: One center's experience with 211 consecutive cases. *Ann Plast Surg* 32(3):234-241: Discussion 241-242, Mar 1994.
20. **Miller MJ**, Schusterman MA, Reece GP, Kroll SS. Use of interposition vein grafts in head and microsurgery. *J Reconstr Microsurg* 10(2):133-134, Mar 1994.

21. Baldwin BJ, Schusterman MA, **Miller MJ**, Kroll SS, Wang BG. Bilateral breast reconstruction: Conventional versus free TRAM. *Plast Reconstr Surg* 93(7):1410-1416: Discussion 1417, Jun 1994.
22. Staley CA, **Miller MJ**, King TJ, Clem M, Ota DM. Laparoscopic intracorporeal harvest of jejunal tissue for autologous transplantation. *Surg Laparosc Endosc* 4(3):192-195, Jun 1994.
23. Janjan NA, Yasko AW, Reece GP, **Miller MJ**, Murray JA, Ross MI, Romsdahl MM, Oswald MJ, Ochransky T, Pollock RE. Comparison of charges related to radiotherapy for soft-tissue sarcomas treated by preoperative external-beam irradiation versus interstitial implantation. *Ann Surg Oncol* 1(5):415-422, Sept 1994.
24. Kroll SS, Schusterman MA, Reece GP, **Miller MJ**, Robb GL, Evans GRD. Abdominal wall strength, bulging and hernia after TRAM flap breast reconstruction. *Plastic Surgical Forum* 132-133, Sept 1994.
25. Evans GR, Schusterman MA, Kroll SS, **Miller MJ**, Reece GP, Robb GL, Ainslie N. The radial forearm free flap for head and neck reconstruction. [Review] *Plastic Surgical Forum* 17:83-85, Sept 1994.
26. Kroll SS, **Miller MJ**, Schusterman MA, Reece GP, Singletary SE, Ames F. Rationale for elective contralateral mastectomy with immediate bilateral reconstruction. *Ann Surg Oncol* 1(6):457-461, Nov 1994.
27. Reece GP, Schusterman MA, **Miller MJ**, Kroll SS, Baldwin BJ, Wang BG. Morbidity associated with free-tissue transfer after radiotherapy and chemotherapy in elderly cancer patients. *J Reconstr Microsurg* 10(6):375-382, Nov 1994.
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29. **Miller MJ**, Schusterman MA, Reece GP, Kroll SS. Microvascular craniofacial reconstruction in cancer patients. *Ann Surg Oncol* 2(2):145-150, Mar 1995.
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b. Invited Articles

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d. Other Articles

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e. Abstracts

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3. Langstein HN, Evans GRD, Chang DW, **Miller MJ**, Reece GP, Kroll SS, Robb GL. Limb salvage for soft tissue malignancies of the foot: An evaluation of free tissue transfer. American Society for Reconstructive Microsurgery Annual Meeting. South Beach, Miami, Florida, Jan 2000, *J Reconstr Microsurg* 16(5):389.
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6. Miles W, Chang D, Kroll SS, **Miller MJ**, Reece GP, Evans GRD, Langstein HN, Robb GL. Role of free flaps in reconstruction of large sacral defects. American Society of Reconstructive Microsurgery, South Beach, Miami, Florida, Jan 9, 2000, *J Reconstr Microsurg* 16:5:401.

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f. Book Chapters

1. **Miller MJ**, Swartz WM. Oral and pharyngeal reconstruction with free tissue transfer. In: Cohen M (Ed), *Mastery of Surgery: Mastery of Plastic and Reconstructive Surgery*, Little, Brown and Company, Boston, MA, pp. 1410-1416, 1994.
2. Weber RS, **Miller MJ**. Multidisciplinary management of advanced basal and squamous cell skin cancer of the head and neck. In: Lucente F (Ed), *AAO-HNS: Highlights of the Instructional Courses*, Mosby-Year Book, Inc., St. Louis, MO, Volume 7, pp. 37-52, 1994.

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5. Robb GL, **Miller MJ**. Muscle harvest. In: Ramirez OM, Daniel RK (Eds), *Endoscopic Techniques in Plastic and Aesthetic Surgery*, Springer-Verlag, New York, NY, pp. 309-318, 1995.
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7. Ota DM, Staley CA, **Miller MJ**, King T. Laparoscopic small intestinal resection. In: *Operative Laparoscopy and Thorascopy*, Lippincott-Raven, Philadelphia, PA, pp. 729-738, 1996.
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13. Pollock, RE, **Miller MJ**. New surgical approaches to soft tissue sarcoma. In: Hortobagyi GN, Khayat D (Eds), *Progress in Anti-Cancer Chemotherapy Volume II*, Blackwell Science, Inc., MA, Chapter 12, pp. 177-188, May 1999.
14. **Miller MJ**, Smith M. Surgical treatment of postmastectomy lymphedema. In: Evans GRD (Ed), *Operative Plastic Surgery*, McGraw-Hill Companies, Inc., New York, USA, Chapter 63, pp. 737-744, May 2000.
15. Chang DW, **Miller MJ**. Plantar flap for foot reconstruction. In: Evans GRD (Ed), *Operative Plastic Surgery*, McGraw-Hill Companies, Inc., New York, USA, Chapter 75, pp. 845-850, May 2000.

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24. **Miller MJ**. Profunda Femoris Artery Perforator Flaps. In: Quality Medical Publishers Perforator Flaps Chap 32, pp. 587-596, 2006
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26. **Miller MJ**. Pharynx, Cervical Esophagus, and Oral Cavity Reconstruction. In: Butler CE, Fine NA (Eds), Principles of Cancer Reconstructive Surgery, Springer, New York, NY, Chap 9, pp. 141-160, 2008.
27. **Miller, MJ**. Breast Implants and Related Methods of Breast-Modifying Surgery. In: The Breast Comprehensive Management of Benign and Malignant Diseases Volume 1, Saunders Elsevier, Philadelphia, PA, Chap 18, pp. 321-330, 2009.
28. **Miller, MJ**. Reconstructive Options Following Flap Failure. In: Flaps and Reconstructive Surgery, Saunders Elsevier, Philadelphia, PA, Chapter 15, pp. 145-158, 2009.

g. Books (edited/written/reviewed)

1. Weber RS, **Miller MJ**, Goepfert H, Editors, Basal and Squamous Cell Skin Cancers of the Head and Neck. Williams & Wilkins, Media, PA, 1996.

2. **Miller MJ.** Book Review: Alternative Free Flaps (Extracorporeal Tissue Transfer) Ed. Ashok Govila. Govial Publisher, Sharjah, *Plast Reconstr Surg*, 116(1):333-334, July 2005.

h. Letters to the Editor

1. **Miller MJ:** Interposition vein grafting in head and neck microsurgery. *J Reconstr Microsurg* 10(2):133-134, Mar 1994.
2. Reece GP, Kroll SS, **Miller MJ**, Evans GRD, Chang DW, Langstein HN, Robb GL, Wang BG, Goepfert H. Letter to the editor regarding "Functional results of primary closure vs. flaps in oropharyngeal reconstruction." *Archives Otolaryngology Head and Neck Surg* 125(4):474-476, Apr 1999.
3. Kroll SS, **Miller MJ**, Chang DW, Butler CE, Reece, GP, Robb GL, Langstein HN. Letter to the Editor regarding. "Comparison of the costs of DIEP and TRAM flaps". *Plast Reconstr Surg* 107(3) pg 883-884, Mar 2001.

i. Manuals, Teaching Aids, Other Publications

1. **Miller MJ.** "Minimally invasive tissue harvest for microvascular reconstruction" American Society of Reconstructive Microsurgery for Video Presentation, Awarded Certificate of Merit, 1993.
2. **Miller MJ.** Endoscopic latissimus muscle harvest for breast reconstruction. Plastic Surgery Education Foundation, Reconstruction Videotape Award, 1997.
3. **Miller MJ.** Grafts and flaps, In: *Essentials for Student, Plastic and Reconstructive Surgery*, Chapter 2, 2001.
4. **Miller MJ.** "Skin and subcutaneous lesions. In: *Essentials for Student, Plastic and Reconstructive Surgery*, Chapter 3, 2001.
5. **Miller MJ.** Head and neck. In: *Essentials for Student, Plastic and Reconstructive Surgery*, Chapter 4, 2001.
6. **Miller MJ.** Plastic surgery research, In: *Essentials for Student, Plastic and Reconstructive Surgery*, Chapter 11, 2001.
7. **Miller MJ.** Breast Reconstruction Patient Education CD Rom Interactive Program, 2002.
8. Rockwell WB, Glasberg SB, Korman JS, Losee J, **Miller MJ**, Wong GB, (Publication Committee) 2003 Resource Book for Plastic Surgery Residents, published by Plastic Surgery Educational Foundation and MicroAire Surgical Instruments, 2003.

j. Other

1. Kroll SS, Reece GP, **Miller MJ**, Schusterman MA, Comparison of the rectus abdominis free flap with the pectoralis major myocutaneous flap for reconstructions in the head and neck. Annotated Bibliography In: Miller SH (Ed), 1994 The Year Book of Plastic, Reconstructive, and Aesthetic Surgery, Mosby-Year Book, Inc. St. Louis MO, pp. 63-64.
2. Schusterman MA, Kroll SS, Reece GP, **Miller MJ**, Ainslie N, Halabi S, Balch CM. Incidence of autoimmune disease in patients after breast reconstruction with silicone gel implants versus autogenous tissue: A preliminary report. Annotated Bibliography In: Miller Sh (Ed) 1995 The Year Book of Plastic Reconstructive and Aesthetic Surgery. Mosby-Year Book, Inc., St. Louis MO, pp. 265.
3. Reece GP, Schusterman MA, Pollock RE, Kroll SS, **Miller MJ**, Baldwin BJ, Romsdahl MM, Janjan NA. Immediate versus delayed free-tissue transfer salvage of the lower extremity in soft tissue sarcoma patients. Annotated Bibliography In: Miller Sh (Ed) 1995 The Year Book of Plastic Reconstructive and Aesthetic Surgery. Mosby-Year Book, Inc., St. Louis MO, pp. 334-336.
4. Kroll SS, Schusterman MA, Reece GP, **Miller MJ**, Smith B. Breast Reconstruction with mycutaneous flaps in previously irradiated patients. Annotated Bibliography In: Miller Sh (Ed) 1995 The Year Book of Plastic Reconstructive and Aesthetic Surgery. Mosby-Year Book, Inc., St. Louis MO, pp. 296-298.
5. deHaas WG, **Miller MJ**, Temple WJ, Kroll SS, Schusterman MA, Reece GP, Skibber JM. Perineal wound closure with the rectus abdominis musculocutaneous flap after tumor ablation. Annotated Bibliography In: Miller SH (Ed), 1997 The Year Book of Plastic, Reconstructive, and Aesthetic Surgery, Mosby-Year Book, Inc. St. Louis MO, pp. 260-261.
6. **Miller MJ**. Contributor: Microsurgical Pearls: Real Solutions for Real Situations. Tip # 24-Free TRAM Revascularization. Reconstructive Microsurgery, The American Society for Reconstructive Microsurgery 11(2):8-11, Autumn/Winter 2000.
7. **Miller MJ**. Contributor: Microsurgical Pearls: Real Solutions for Real Situations. Tip # 51 The humble platelet, The American Society for Reconstructive Microsurgery 16(1):19-20, Spring/Summer 2005.

EDITORIAL AND REVIEW ACTIVITIES:

Editor/Service on Editorial Board(s)

Guest Editor, Seminars in Plastic Surgery, Volume 17, Issue 1, 2003
Guest Editor, Seminars in Plastic Surgery, Volume 18, Issue 2, 2004
Guest Editor, Breast Diseases: A Year Book Quarterly, 1995-Present
Associate Editor, Plastic and Reconstructive Surgery, 2005-Present
Co-Guest Editor, Advances in Microsurgery Supplement for Plastic and Reconstructive Surgery, 2005-Present
Chief Editor, Breast Surgery Section, Plastic Surgery E-Medicine Volume, Web MD, 2007-Present

Journal Reviewer

Peer Reviewer, Head and Neck, 1990-Present
Peer Reviewer, Biomaterials, 1995-Present
Peer Reviewer, Tissue Engineering, 1996-Present
Peer Reviewer, Cell Transplantation, 1998-Present

Peer Reviewer, Plastic & Reconstructive Surgery, 1998-Present
Peer Reviewer, Annals of Plastic Surgery, 1998-Present
Peer Reviewer, Laryngoscope, 1999-Present
Peer Reviewer, Surgical Endoscopy, 2001-Present
Peer Reviewer, Journal of Applied Polymer Science, 2001-Present
Peer Reviewer, Annals of Biomedical Engineering, 2003-Present
Peer Reviewer, Cancer, 2005-Present
Peer Reviewer, Journal of Reconstructive Microsurgery

TEACHING:

Within Current Institution

Formal Teaching Courses Taught

SURG 4016 Reconstructive Microsurgery of the Cancer Patient, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 2004-2005.

Training Programs

Faculty, Core Curriculum and Indications Weekly Training Conference for Plastic Surgery Fellows/Residents, , The University of Texas M. D. Anderson Cancer Center, Houston, Texas 1991-2007

Faculty, Monthly Morbidity and Mortality Conference, Department of Plastic Surgery Fellows/Residents, , The University of Texas M. D. Anderson Cancer Center, Houston, Texas 1991-Present

Preceptor, The Physical Diagnosis Course Clinical Preceptorship Program, University of Texas Health Science Center, Houston, Texas, Spring Session, March/April 2003

Other Educational Programs

1. Instructor, "Postoperative Management of Surgical Flaps", Division of Nursing, Intensive Care Unit, In-Service Conference, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 10/3-4/1990.
2. Instructor, "Microvascular surgery for cancer patients", Nursing Staff Development, Critical Care Entry Level Course, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 11/5/1990.
3. Instructor, "Microvascular surgery for cancer patients", Division of Nursing, Critical Care Entry Level Course, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 4/8/1991.
4. Instructor, "Head and neck surgery: Reconstruction following tumor resection", Department of Head and Neck Surgery Teaching Conference, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 6/14/1991.
5. Grand Rounds, "Soft-tissue reconstruction following wide local excision of malignant melanoma", Department of General Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 6/15/1991.

6. Instructor, "Head and neck reconstruction, Nursing Care of the Patient with a Neck and Neck Malignancy", Division of Nursing, Head and Neck Specialty Module for Registered Nurses, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 6/31/1991.
7. Instructor, "Microvascular surgery for cancer patients", Division of Nursing, Department of Nursing Staff Development, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 10/22/1991.
8. Speaker, "Reconstructive surgery at M.D. Anderson Cancer Center", Cancer Information Service, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 10/24/1991.
9. Grand Rounds, "Lip reconstruction", Department of Head and Neck Surgery, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 11/8/1991.
10. Speaker, "Head and neck reconstruction: cutaneous defects", Head and Neck Surgery Conference, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 3/31/1992.
11. Instructor, "Microvascular surgery", Division of Nursing, Department of Nursing Staff Development, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 6/16/1992.
12. Session Presenter, "Breast implants: The Facts", Anderson Network Fourth Annual "Living with Cancer" Patient Conference, Houston, Texas, 9/11/1992.
13. Instructor, "Jejunal resection for upper esophageal reconstruction", Minimally Invasive Surgery in Oncology Surgery Symposium, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 12/5/1992.
14. Lecturer, "Reconstruction of cutaneous defects in the head and neck, Partners in Excellence, Basal and Squamous Cell, Head and Neck Skin Cancer, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 2/1993.
15. Instructor, "Surgical reconstruction of the facial surgical defect", Dental Oncology/Maxillofacial Prosthetics Symposium, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 3/23/1993.
16. Lecturer, "Reconstruction of cervical esophagus", Department of Reconstructive and Plastic Surgery, Educational Conference, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 10/20/1993.
17. Instructor, "Flap monitoring unit", Division of Nursing, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 4/1994.
18. Lecturer, "Surgical management of postmastectomy lymphedema", Medical Breast Conference, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 11/21/1994.
19. Lecturer, "Postoperative management of patients following reconstruction with flaps", Nurses' Conference, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 12/13/1994.

20. Instructor, "Flap monitoring", Basic Critical Care Course for New ICU Nurses, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 2/20/1995.
21. Instructor, "TRAM flaps – care and treatment", Basic Critical Care Course for New ICU Nurses, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 8/24/1995.
22. Lecturer, "Rehabilitation following reconstructive surgery", Rehabilitation Update Series for Physical and Occupational Therapists, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 10/31/95.
23. Instructor, "Management and storage of data", Research and Clinical Ethics Course, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 2/12/1996.
24. Instructor, "Handling misconduct", Research and Clinical Ethics Course, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 2/26/1996.
25. Lecturer, "Postoperative management of patients following reconstruction with flaps" Nurses' Conference, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 2/1997.
26. Instructor, "Training and mentorship", Research and Clinical Ethics Course, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 4/28/1997.
27. Lecturer, "What's new in reconstructive surgery", 2nd Annual Nursing Conference, Advances in Oncology Nursing, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 2/21/1998.
28. Lecturer, "Osseous tissue engineering at M. D. Anderson Cancer Center", Clinical Oncology Grand Rounds, The University of Texas, M.D. Anderson Cancer Center, Houston, Texas, 2/19/1999.
29. Instructor, "Mandibular reconstruction", Synthes Current Approaches to Oncologic Bony Reconstruction "A Practical Workshop", Department of Plastic Surgery, The University of Texas, M. D. Anderson Cancer Center, Houston, Texas, 8/21/1999.
30. Instructor, "Surgical management of postmastectomy lymphedema", Nursing Staff Development, Plastic Surgery Nurses In-Service, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 11/4/1999.
31. Lecturer, "A larger animal model for bioartificial tissue replacement", Oncology Institutional Grand Rounds, The University of Texas, M.D. Anderson Cancer Center, Houston, Texas, 2/4/2000.
32. Lecturer, "Computer-assisted surgical systems", Grand Rounds, University of Texas M. D. Anderson Cancer Center. Houston, Texas, 3/2/2001.
33. Lecturer, "Surgical treatment of lymphedema", Department of Physical Medicine and Rehabilitation Section, The University of Texas M. D. Anderson Cancer Center Houston, Texas, 8/8/01.

34. Lecturer, "Intelligent Systems for Medical Intervention", NASA-MD Anderson Cancer Center Mini Retreat, The University of Texas M. D. Anderson Cancer Center, Houston, Texas 1/25/02.
35. Inservice, "Care for the Surgical Breast Patient Who Undergoes Reconstruction with a Free TRAM Flap", The University of Texas M. D. Anderson Cancer Center, Houston, Texas 12/19/03.
36. Preceptor, "Plastic Surgery Options for Breast Cancer Patients", M. D. Anderson Preceptorship Program for Aventis Pharmaceuticals, Inc, The University of Texas M.D .Anderson Cancer Center, Houston, Texas 7/29/03.
37. Preceptor, "Plastic Surgery Options for Breast Cancer Patients", M. D. Anderson Preceptorship Program for Aventis Pharmaceuticals, Inc, The University of Texas M.D .Anderson Cancer Center, Houston, Texas 9/9/03.
38. Preceptor, "Plastic Surgery Options for Breast Cancer Patients", M. D. Anderson Preceptorship Program for Aventis Pharmaceuticals, Inc, The University of Texas M.D .Anderson Cancer Center, Houston, Texas 2/18/04.
39. Preceptor, "Plastic Surgery Options for Breast Cancer Patients", M. D. Anderson Preceptorship Program for Abraxis Oncology, Inc, The University of Texas M.D .Anderson Cancer Center, Houston, Texas 3/10/04.
40. Visiting Surgeon, Department of Thoracic Surgery, The Texas A&M University System, Health Science Center, Scott and White Clinic, Temple, Texas, 4/30/2004.
41. Visiting Surgeon, Department of Plastic Surgery, The University of Texas Medical Branch-Galveston, Galveston, Texas, 5/05/2004.
42. Panelist, "Tissue Engineering in Plastic Surgery" Department of Plastic Surgery Research Conference, The University of Texas M. D. Anderson Cancer Center, Houston, Texas, 8/19/2005.
43. Preceptor, "Surgical Options for Breast Reconstruction", M. D. Anderson Preceptorship Program for Abraxis Oncology, Inc, The University of Texas M. D. Anderson Cancer Center, Houston, Texas 8/30/05.
44. Preceptor, "Surgical Options for Breast Cancer Patients", M. D. Anderson Preceptorship Program for Abraxis Oncology, Inc, The University of Texas M.D .Anderson Cancer Center, Houston, Texas 12/13/05.
45. Speaker, "Skin-Sparing Mastectomy and Immediate Breast Reconstruction", Breast Combined Faculty Meeting, The University of Texas M.D. Anderson Cancer Center, Houston Texas 3/03/2006
46. Speaker, "Breast Reconstruction after Mastectomy", Pink Ribbon Processing Meeting, The University of Texas M.D. Anderson Cancer Center, Houston, Texas 3/09/2006
47. Moderator, ""Esophageal and Tracheal Reconstructon", Houston Plastic Surgery and Reconstructive Conference, The University of Texas M.D. Anderson Cancer Center, Houston, Texas 3/24/2006

48. Lecturer, "Sheep Model/Clinical Relevance of Research", Mini Symposium, Keeling Center for comparative Medicine & Research, Department of Veterinary Sciences, Bastrop, Texas, 6/23/2006
49. Lecturer, "Breast Reconstruction Postop Care", Breast Committee, The Ohio State University, Ohio Division of Surgical Oncology, Columbus, Ohio, 7/27/2007
50. Lecturer, "Breast Implants and Breast Health," OB/GYN Grand Rounds, The Ohio State University, Columbus, Ohio, 10/11/2007.
51. Lecturer, "Translational Research in Plastic Surgery: Blending Biological Science, Engineering and Clinical Medicine, Research in Progress Lecture Series, The Ohio State University, Columbus, Ohio, 11/2/2007.
52. Lecturer, "Reconstructive Surgery and Multidisciplinary Cancer Treatment, Department of Surgery Grand Rounds, The Ohio State University, Columbus, Ohio, 12/6/2007
53. Lecturer, "Breast Reconstruction", San Antonio Breast Cancer Symposium Review. Hyatt on Capital Square, Columbus, Ohio, 1/23/2010
54. Lecturer, Stefanie's Champions, The Ohio State University Wexner Medical Center, Columbus, Ohio, 4/13/2010
55. Instructor, "Skin and Soft Tissue", PGY 4 & 5 Anatomy Lab, The Ohio State University Wexner Medical Center, Columbus, Ohio, 4/22/10
56. Lecturer, "Breast Reconstruction", Breast Survivorship Symposium Symposium , The Ohio State University Wexner Medical Center, Columbus, Ohio, 4/27/10
57. Invited Lecturer, Plastic Surgery Interest Group Meeting, The Ohio State University Wexner Medical Center, Columbus, Ohio, 9/23/10
58. Lecturer, Melanoma Symposium, The Ohio State University Wexner Medical Center, Columbus, Ohio, 2/12/11
59. Invited Lecturer, Plastic Surgery Interest Group Meeting, The Ohio State University Wexner Medical Center, Columbus, Ohio, 3/29/11
60. Lecturer, "Living Fully after Cancer: The Roll of Breast Reconstruction," Stefanie's Champions, Breast Cancer Research Symposium, The Ohio State University Comprehensive Cancer Center, Arthur G. James Cancer Hospital and Solove Research Institute, Columbus, Ohio, April 2011
61. Instructor, "Skin and Soft Tissue", PGY 4 & 5 Anatomy Lab, The Ohio State University Wexner Medical Center, Columbus, Ohio, 4/11
62. Instructor, "Torso and Lower Extremity Reconstruction", Anatomy Course, The Ohio State University Wexner Medical Center, Columbus, Ohio, 9/30/11
63. Lecturer, "Periosteum Experience", Periosteum Seminar, The Ohio State University Wexner Medical Center, Columbus, Ohio, 9/30/11

64. Invited Lecturer, Purple & Pink's 2011 Annual Luncheon, The Hilton East, Columbus, Ohio 10/1/11
65. Invited Lecturer, "Cancer Reconstruction in Women", OB/Gyn Grand Rounds, The Ohio State University Wexner Medical Center, Columbus, Ohio, 1/27/12
66. Invited Lecturer, Spirituality and Health Meeting, The Ohio State University Wexner Medical Center, Columbus, Ohio 1/31/12
67. Invited Lecturer, Project Medical Education Meeting, The Ohio State University Wexner Medical Center, Columbus, Ohio 2/12
68. Invited Lecturer, "Plastic and Reconstructive Surgery", Urology Grand Rounds, The Ohio State University Wexner Medical Center, Columbus, Ohio, 2/28/12
69. Invited Lecturer, Roundtable of Medical Arts, Columbus, Ohio 4/25/12
70. Instructor, "Skin and Soft Tissue", PGY 4 & 5 Anatomy Lab, The Ohio State University Wexner Medical Center, Columbus, Ohio, 4/25/12
71. Instructor, "Reconstructive Surgery in Oncology", Scientific Section, The Ohio State University Wexner Medical Center, 5/12/12
72. Invited Lecturer, "Reconstructive Surgery for Cancer Patients", James Foundation Board, The Ohio State University Wexner Medical Center, 6/13/12
73. Invited Lecturer, Womanwise Meeting, Findlay, Ohio, 7/10/12
74. Invited Lecturer, CRMCBT Retreat, Mohican Lodge, Perrysville, Ohio 8/17/12

Supervisory Teaching Advisory Committees

Member, Thesis Advisory Committee, Rice University, Robert Thomson, 1992 - 1997

Member, Thesis Advisory Committee, Rice University, Susan J. Peter, 1993 - 1998

1st International Conference on Medical Implants, Engineering Research Center, Member, International Advisory Committee, 1999-2000

Member, Thesis Advisory Committee, Graduate School of Biomedical Sciences, Zahid Lalani, Thesis judged best in medical sciences field by Sigma Xi. 1998 – 2003

Supervisory Committees

Member, Thesis Supervisory Committee, University of Texas Graduate School of Biomedical Sciences, Timothy King, 8/1990-5/1994

Member, Thesis Supervisory Committee, Rice University, Susan Ishaug, 1996

Member, Thesis Supervisory Committee, Rice University, Johnna S. Temenoff,
8/2000 –2003

Member, Thesis Supervisory Committee, Rice University, Gregory N. Bancroft,
2001-2003

Direct Supervision
Undergraduate and Allied Health Students

1. Mentor, The University of California Riverside, Valerie Yu-Mei Chen, Biomedical and Clinical Medicine Research Program, 1998
2. Faculty, Rice University, How-Ying Liou, Summer Research Project, 6/1999-8/1999
3. Mentor, University of Texas M. D. Anderson Cancer Center, Sabiha Kohn, High School, Science Fair Research Student, 12/1999
4. Faculty/Mentor, University of Texas M. D. Anderson Cancer Center, Matthew Miller, King Foundation Summer Student, June/August 2003.
5. Faculty/Mentor, University of Texas M. D. Anderson Cancer Center, Matthew Miller, Baylor University Summer Student, June/August 2004.
6. Faculty/Mentor, University of Texas M. D. Anderson Cancer Center, King Foundation Summer Student, Christopher Liu, The University of Texas at Austin, June/August 2004.
7. Faculty/Mentor, University of Texas - Austin, Department of Biomedical Engineering, Senior Design Course, Project "Endoscopic Dissector", Irvin Sulapas, Joshua Peng, Kelly C. McKinney, and Scott D. Lundy, The University of Texas at Austin, 2005

Medical Students

1. Faculty, University of Texas Medical School, James Lively, Summer Student Program-Medical, 5/1994-8/1994
2. Faculty, University of Texas Health Science Center Houston, Jeffery Friedman, Medical Student, 6/1998-8/1998
3. Faculty, Baylor College of Medicine, John Ayala, Residency Research Program, 1998-present
4. Faculty, University of Texas Health Science Center, Thornwell Parker, Medical Student Summer Research, 6/1999-8/1999
5. Faculty, University of Texas Health Science Center, Alexander Allori, Medical Student Summer Research, 6/1999-8/1999, 6/2000-2003

6. Preceptor, University of Texas Health Science Center, Julie Karnes, Derk Meeks, Medical Student Physical Diagnosis Course, March/April 2003
7. Faculty, The University of Texas M. D. Anderson Cancer Center Summer Research Program, Myriam Bermudez, University of Puerto Rico Medical Science Campus School of Medicine, June/August 2004
8. Faculty, UT Dental Branch, Liza Shevchenko, UT-TORCH and the Dental Branch Summer Research Fellowship Program, June/August 2004
9. Faculty, The University of Texas - Austin, Lindsay Black, Summer Research Students, June/August 2005.
10. Faculty, The University of Michigan, Tanisha Darko, Summer Research Student, June/August 2005.
11. Faculty, Rice University, Adrielle Fry, Summer Research Student, June/August 2005.
12. Faculty, The University of Puerto Rico, Guido Santacana, Summer Research Student June/August 2005.
13. Faculty, Baylor College of Medicine, Olubunmi Ogunleye, 630 SPEC Elective, Sept 12 -Oct 6 2005.

Graduate Students

1. Faculty, University of Texas M. D. Anderson Cancer Center, Dr. Ming Hui Cheng, Graduate Research Associate, 9/1998-9/1999
2. Faculty, University of Texas M. D. Anderson Cancer Center, Dr. Amin Nabawi, Postdoctoral Fellow, 10/2000-2/2001
3. Faculty, University of Texas M. D. Anderson Cancer Center, Dr. Shih-Hsin Chang, Postdoctoral Fellow, 5/2001-4/2002
4. Faculty, University of Texas M. D. Anderson Cancer Center, Dr. Jose Robles, Observer (Mexico), 4/2002-7/2002
5. Faculty, University of Texas M. D. Anderson Cancer Center, Dr. Moe Thuzar, Observer (Myanmar), 6/2005-8/2005
6. Faculty, University of Texas M. D. Anderson Cancer center, Dr. Juliano Sbalchiero, PSEF International Scholar (Brazil), 8/1/2006-1/6/2006

Residents and Fellows

1. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Scott Harris, Microsurgery Fellowship Program, 8/1990 – 6/1991

2. Faculty, Stanford Medical Center, Dr. Michael Cohen, Residency Program, 7/1991 – 12/1991
3. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Bonnie Baldwin, Dr. David Leuthcke, Microsurgery Fellowship Program, 7/1991 – 6/1992
4. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. William de Haas, Dr. Bradley Bengston, Microsurgery Fellowship Program, 7/1992-6/1993
5. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Charles A. Staley, Surgical Oncology Fellowship Program, 6/1992- 6/1994
6. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Craig Rock, Dr. Dinu Mistry, Dr. Steven Pisano, Dr. Jesse Allen Coffee, Microsurgery Fellowship Program, 7/1993-6/1994
7. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Daniel Goldberg, Dr. Ann Wallace, Dr. Howard Langstein, Microsurgery Fellowship Program, 7/1994 – 6/1995
8. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Elisabeth Beahm, Dr. Giulio Gherardini, Dr. Helen Tadjalli, Dr. Joseph Benacci, Dr. Aarcell Marchi, Microsurgery Fellowship Program, 7/1995-6/1996
9. Faculty, University of Texas Health Science Center, Dr. David Bowen, Dr. Todd Adam, Dr. Trina Bivens, Dr. Ernie Layton, Dr. John Lomonaco, Residency Program Rotation, 7/1995-6/1996
10. Faculty, St. Joseph's Hospital, Dr. James Platis, Residency Program Rotation, 7/1995 – 6/1996
11. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Robert Lohman, and Dr. Mark Smith, Dr. Roy Hong, Dr. Mark Deutsch, Microsurgical Fellowship Program, 7/1996 – 6/1997
12. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Andrew Khoo, Postdoctoral Fellowship Research Program, 7/1996-6/1997
13. Faculty, University of Texas Health Science Center, Dr. Tim McGee, Dr. Charles Polsen, Residency Program Rotation, 7/1996-6/1997
14. Faculty, St. Joseph's Hospital, Dr. Phi Nguyen, Residency Program Rotation, 7/1996 – 6/1997
15. Faculty, University of Texas Medical Branch Galveston, Dr. Ted Calianos, Dr. Shain Cuber, Dr. Mark Larson, Dr. John Miller, Dr. John Pierce, Residency Program Rotation, 7/1996 – 6/1997
16. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Ali Gurlek, Research Associate, 3/1996-8/1998

17. Faculty, University of Texas Health Science Center, Dr. Rojan Amjadi, Dr. Nasser Nadjmi, Residency Program Rotation, 7/1997-6/1998
18. Faculty, Baylor College of Medicine, Dr. John Ayala, Dr. Kelly Tjelmeland, Residency Program Rotation, 7/1997 – 6/1998
19. Faculty, University of Texas Medical Branch Galveston, Dr. Alfred Mitchell, Dr. Brandon Welhelmi, Residency Program Rotation, 7/1997 – 6/1998
20. Faculty/Mentor, University of Texas M. D. Anderson Cancer Center, Dr. Darrell Perkins, and Dr. Stephen Katz, Dr. Deborah Seeling, Dr. Nho Tan, Microsurgical Fellow, 7/1997-6/1998
21. Faculty/Mentor, University of Texas M. D. Anderson Cancer Center, Dr. Keith Bush, Dr. Leslie Cohen, Dr. Mennen Gallas, and Dr. Karla Waringhaus, Dr. Wandra Miles, Microsurgery Fellowship Program, 7/1998-6/1999
22. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Aaron Goldstein, Postdoctoral Research Program, 7/1998-6/1999
23. Faculty, University of Texas Health Science Center, Dr. Curtis Larson, Dr. Donna Rich, Residency Program Rotation, 7/1998-6/1999
24. Faculty, Baylor College of Medicine, Dr. Michael Klebuc, Dr. Randy Miller, Dr. Reza Sadrian, Residency Program Rotation, 7/1998 – 6/1999
25. Faculty, University of Texas Medical Branch Galveston, Dr. Anthony Dardano, Mable Gamboa, Dr. Alan Tan, Residency Program Rotation, 7/1998 – 6/1999
26. Faculty/Mentor, University of Texas Health Science Center, Dr. Erik Marques, Residency Program Rotation, 3/1/1999-4/30/1999
27. Faculty, St. Joseph's Hospital, Dr. Sadri Sozer, Dr. Charles Wallace, Dr. Jeffrey Williams, Residency Program Rotation, 7/1998 – 6/1999
28. Faculty, University of Texas Health Science Center, Dr. Dan Freet, Dr. Erik Marques, Residency Program Rotation, 7/1999-6/2000
29. Faculty, Baylor College of Medicine, Dr. Aldona Jedrysiak, Residency Program Rotation, 7/1999 – 6/2000
30. Faculty, University of Texas Medical Branch Galveston, Dr. John Bauer, Dr. Lisa Hunsicker, Dr. Jose Baillo, Residency Program Rotation, 7/1999 – 6/2000
31. Faculty, St. Joseph's Hospital, Dr. Lee Steely, Dr. John Suber, Residency Program Rotation, 7/1999 – 6/2000
32. Faculty/Mentor, University of Texas M. D. Anderson Cancer Center, Dr. Chris Hussussian, Dr. Abhay Gupta, Dr. Geoffrey Gurtner, and Dr. Joanne Lenert, Dr. Blair Mehling, Microsurgical Fellow, 7/1999-6/2000

33. Faculty/Mentor, Baylor College of Medicine, Dr. Marc Mani, Residency Program, 3/1/2000-6/30/2000
34. Faculty, Baylor College of Medicine, Dr. Ed Berzin, Dr. Cindy Goodman, Dr. John Potochny, Dr. Sanjay Sharma, Residency Program Rotation, 7/2000 – 6/2001
35. Faculty, University of Texas Medical Branch Galveston, Dr. James Long, Dr. Bradley Mudge, Dr. Robert Schmid, Residency Program Rotation, 7/2000 – 6/2001
36. Faculty, St. Joseph's Hospital, Dr. Mark Jacob, Dr. Francisco Rafols, Residency Program Rotation, 7/2000 – 6/2001
37. Faculty/Mentor, University of Texas M. D. Anderson Cancer Center, Dr. Charles Cope, Dr. Steven Kronowitz, Dr. Roy Ng, Dr. Ashalom Shalom, and Dr. Joan Lipa, Microsurgical Fellowship Program, 7/2000-6/2001
38. Faculty/Mentor, University of Texas Health Science Center, Dr. Andre Aboolian, Dr. Tim Leung, Residency Program Rotation, 7/2000-6/2001
39. Faculty/Mentor, University of Texas Medical Branch, Dr. Bradley Mudge, Residency Program, 6/1/2001-6/30/2001
40. Faculty/Mentor, Baylor College of Medicine, Dr. Pat Pazmino, Residency Program, 7/2001-10/2001
41. Faculty/Mentor, University of Texas Medical Branch, Dr. Jennifer Walden, Residency Program, 9/01/2001-9/30/2001
42. Faculty/Mentor, St. Joseph Hospital, Dr. Ahmad Ahmadi, Residency Program, 9/01/2001-10/31/2001
43. Faculty/Mentor, Baylor College of Medicine, Dr. John Kim, Residency Program, 8/01/2001 – 9/31/2001
44. Faculty/Mentor, University of Texas M. D. Anderson Cancer Center, Dr. Roman Skoracki, Dr. Claire Temple, Dr. Mossi Salibian, Dr. Mark Tan, Dr. Neal Topham, Microsurgical Fellowship Program, 7/2001-6/2002
45. Faculty/Mentor, St. Joseph Hospital, Cr. Camille Cash, Residency Program, 11/01/2001 – 12/30/2001.
46. Faculty/Mentor, Baylor College of Medicine, Maan Kattash, Residency Program, 11/1/2001 – 2/28/2002
47. Faculty/Mentor, University of Texas Medical Branch, Galveston, Duc Pham, Residency Program, 6/2002
48. Faculty/Mentor, University of Texas M. D. Anderson Cancer Center, Dr. Jason Rosenberg, Dr. Rajiv Chandawarkar, Dr. Tzvi Small, Dr. Lior Heller, Dr. Matthew Lynch, Microsurgical Fellowship Program, 7/2002-6/2003

49. Faculty/Mentor, Baylor College of Medicine, Jules Feledy, Patrick Kelly, Alan Beinstock, Residency Program, 2002-2003.
50. Faculty/Mentor, St. Joseph Hospital, Adam Rubinstein, Jonathan Weinrach, Residency Program 2002-2003.
51. Faculty/Mentor, University of Texas Health Science Center, Richard Reynolds, Elena Grantcharova, Residency Program, 2002-2003.
52. Faculty Mentor, University of Texas Medical Branch, Galveston, Anthony Zacharek, Danielle DeLuca-Pytell, Gary Motykie, Residency Program 2002-2003.
53. Faculty/Mentor, University of Texas M. D. Anderson Cancer Center, Dr. Anurett Bajaj, Dr. Carolyn DeLaCruz, Dr. Gordon Lee, Dr. Truls Ryder, Dr. Lok Huie Yap, Microsurgical Fellowship Program, 7/2003-6/2004.
54. Faculty/Mentor, Baylor College of Medicine, Bob Basu, Michael Edwards, Vincent Main, Residency Program 2003-2004.
55. Faculty/Mentor, St. Joseph Hospital, Rick DeSplinter, Arvn Taneja, Residency Program 2003-2004.
56. Faculty/Mentor, University of Texas Health Science Center, Peter Sarkos, Mimi Leong, Residency Program, 2003-2004.
57. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Jules Feledy, Dr. Matthew Hanasono, Dr. Larry Iteld, Dr. Brain Moore, Dr. Hanif Ukani, Dr. Paul Roblin, Microsurgical Fellowship Program, 7/2004-6/2005.
58. Faculty/Mentor, Baylor College of Medicine, Adam Weinfeld, Pankaj Tiwari, John Oeltjen, Residency Program 2004-2005.
59. Faculty/Mentor, St. Joseph Hospital, James Boynton, Robert Kratschmer, Residency Program 2004-2005.
60. Faculty/Mentor, University of Texas Medical Branch-Galveston, Peter Chang, Joseph Berardi, Michael Obeng, Residency Program, 2004-2005.
61. Faculty/Mentor, St. Joseph Hospital, Dr. David Bray, Dr. Virginia Pittman-Walker, Residency Program 2004-2005.
62. Faculty/Mentor, The University of Texas M. D. Anderson Cancer Center, Dr. Donald Baumann, Dr. Melissa Crosby, Dr. Amanda Fortin, Dr. Christopher Klem, Dr. Hakim Said, Dr. Jason Williams, Dr. Liza Wu, Microsurgical Fellowship Program, 7/2005-6/2006.
63. Faculty/Mentor, Baylor College of Medicine, Dr. Jamal Bullock, Dr. Cameron Craven, Dr. Asaad Samra, Residency Program 2005-2006.

**Presentations at National or International Conferences
(include chairing session)**

1. Invited Instructional Course, "Management of advanced skin cancer of the head and neck", 95th Annual Meeting of The American Academy of Otolaryngology, Head and Neck Surgery Foundation, Inc., Kansas City, Missouri, 9/25/1991.
2. Invited Instructional Course, "Advanced squamous cell cancer and basal cell cancer of the head and neck", 96th Annual Meeting of The American Academy of Otolaryngology, Head and Neck Surgery Foundation, Washington, DC, 9/14/1992.
3. Invited Instructional Course, "Management of radiotherapy complications", American Society of Plastic and Reconstructive Surgeons Annual Meeting, Washington, DC, 9/22/1992.
4. Invited Speaker, "Pathophysiology and management of radiation tissue injury", National Medical Association Symposium, San Antonio, Texas, 8/9/1993.
5. Invited Instructional Course, "Advanced basal and squamous cell skin cancer of head and neck", American Society of Plastic and Reconstructive Surgery, Plastic Surgery Educational Foundation, New Orleans, Louisiana, 9/21/1993.
6. Invited Instructional Course, "Treatment of radiotherapy complications", American Society of Plastic and Reconstructive Surgery, Plastic Surgery Educational Foundation, New Orleans, Louisiana, 9/21/1993.
7. Invited Instructional Course, "Esophageal reconstruction", American Society of Reconstructive Microsurgery, Kansas City, Missouri, 9/27/1993.
8. Invited Speaker, "Management of advanced skin cancer of the head and neck", American Academy of Otolaryngology-Head and Neck Surgery, Minneapolis, Minnesota. 10/1993.
9. Invited Instructional Course, "Laparoscopic muscle harvest for breast reconstruction", The Society of Surgical Oncology, 47th Annual Meeting, Houston, Texas, 3/17/1994.
10. Invited Instructional Course, "Laparoscopic jejunal resection for autologous transplantation after cervical esophagectomy", with C. Staley, The Society of Surgical Oncology, 47th Annual Meeting, Houston, Texas, 3/17/1994.
11. Invited Instructional Course, "Advanced basal and squamous cell skin cancer of the head and neck", American Academy of Otolaryngology, Head and Neck Surgery Foundation, San Diego, California, 9/18/1994.
12. Invited Lecturer, "Advanced basal and squamous cell skin cancer of the head and neck", American Society of Plastic and Reconstructive Surgeons, 63rd Annual Scientific Meeting, San Diego, California, 9/24/1994.

13. Invited Instructional Course, "Treatment of radiotherapy complications", American Society of Plastic and Reconstructive Surgeons, 63rd Annual Scientific Meeting, San Diego, California, 9/26/1994.
14. Invited Instructional Course, "Multidisciplinary management of aggressive head and neck skin cancer", American Association of Otolaryngology Head and Neck Surgery, Annual Meeting, New Orleans, Louisiana, 9/20/1995.
15. Invited Lecturer, "Advanced basal and squamous cell skin cancers of the head and neck", The American Society of Plastic and Reconstructive Surgeons, 64th Annual Scientific Meeting, Montreal, Quebec, Canada, 10/8/1995.
16. Invited Instructional Course, "Treatment of radiotherapy complications", The American Society of Plastic and Reconstructive Surgeons, 64th Annual Scientific Meeting, Montreal, Quebec, Canada, 10/9/1995.
17. Invited Instructional Course, "Applications of endoscopic plastic surgery in reconstructive microsurgery", with Foad Nahai, M.D., The American Society for Reconstructive Microsurgery, 11th Annual Meeting, Tucson, Arizona, 1/15/1996.
18. Invited Instructional Course, "Treatment of radiotherapy complications", The American Society of Plastic and Reconstructive Surgeons, Annual Scientific Meeting, Dallas, Texas, 11/11/1996.
19. Invited Speaker, "Biomaterials: New challenges and possibilities", American Institute of Chemical Engineers, Los Angeles, California, 11/16/1997.
20. Invited Lecturer, Residents and Fellows' Symposium: "Muscle flaps", American Society of Reconstructive Microsurgery, Phoenix, Arizona 1/11/1998.
21. Invited Speaker, "Biologic materials/Tissue Engineering", Mid-America Orthopaedic Association, Sixteenth Annual Meeting, Acapulco, Mexico, New Frontiers in Orthopaedics, 4/25/1998.
22. Invited Lecturer, "Reconstruction of massive pelvic defects", American Association of Plastic Surgeons, 77th Annual Meeting, 1998 Scientific Program, Montreal, Quebec, Canada, 5/19/1998.
23. Invited Instructional Course, "Tissue engineering: A glimpse into the future of plastic surgery", American Society of Plastic and Reconstructive Surgeons, ASPRS PSEF ASMS Annual Scientific Meeting, Boston, Massachusetts, 10/6/1998.
24. Invited Lecturer, "Endoscopic tissue harvesting in head and neck reconstruction", 4th Annual Japanese Congress of Endoscopic Plastic Surgery, Nagoya University School of Medicine, Nagoya, Japan, 2/12-15/1999.
25. Plastic Surgery Research Council 44th Annual Meeting, Pittsburgh, Pennsylvania, Session Monitor: "Tissue Engineering", 5/24/1999

26. Invited Instructional Course “Tissue engineering: A glimpse into the future of plastic surgery”, XII Congress of The International Confederation for Plastic, Reconstructive and Aesthetic Surgery, San Francisco, California, 6/30/1999.
27. Invited Speaker, “Midface reconstruction: Combining soft tissue and prosthetic restoration”, American Academy for Maxillofacial Prosthetics Annual Scientific Meeting, Philadelphia, Pennsylvania, 10/18/1999.
28. Invited Lecturer, “Tissue engineering: A glimpse into the future of plastic surgery”, American Society of Plastic and Reconstructive Surgeons, ASPRS PSEF ASMS Annual Scientific Meeting, New Orleans, Louisiana, 10/26/1999.
29. American Academy of Maxillofacial Prosthetics International Congress of Plastic Surgery and Research Council 45th Annual Meeting, Seattle, Washington, Moderator: Scientific Session “Tissue Engineering”, 5/18/2000
30. Invited Breakout Session, “Tissue Engineering”, Plastic Surgery and Research Council 45th Annual Meeting, Seattle, Washington, 5/20/2000.
31. Invited Instructional Course, “Tissue engineering: A glimpse into the future of plastic surgery”, American Society of Plastic Surgeons 69th Annual Scientific Meeting, Los Angeles, California, 10/17/2000.
32. Invited Lecture, “Microsurgery with advanced technology: virtual reality or fantasy”, American Society of Plastic Surgeons 69th Annual Scientific Meeting, Los Angeles, California, 10/17/2000.
33. Invited Keynote Presentation, “Innovations in maxillofacial rehabilitation – Tissue Engineering”, American Academy of Maxillofacial Prosthetics and the International Congress of Maxillofacial Prosthetics, Kauai, Hawaii, 11/14/2000.
34. Invited Lecturer, Resident/Fellow Symposium, “Mandible Reconstruction”, American Society for Reconstructive Microsurgery Annual Meeting, San Diego, California, 1/7/2001.
35. Invited Panel Discussant, “Biomaterials in 2010: A clinical perspective”, Society for Biomaterials 27th Annual Meeting. St. Paul, Minnesota, 4/28/2001.
36. 2001 American Society of Plastic Surgeons Annual Meeting, Orlando, Florida, Panel Moderator, “Tissue Engineering and Artificial Skin Coverings”, 11/2001
37. Invited Lecturer, Resident/Fellow Symposium, “Mandible Reconstruction”, American Society for Reconstructive Microsurgery Annual Meeting, Cancun, Mexico, 1/12/2002.
38. Invited Lecturer, “Total esophageal reconstruction: The expanding role of plastic surgery in multidisciplinary cancer treatment”, American Association of Plastic Surgeons, 81st Annual Meeting, Seattle, Washington, 4/29/2002.

39. 2003 American Association of Plastic Surgeons Annual Meeting, Baltimore, Maryland, Co-Moderator Scientific Session, 5/7/03.
40. Invited Lecturer, "Tissue Engineering", Society of Surgery of the Hand, Taipei, Twain, 6/20/2002.
41. Invited Panel Discussant, "Tissue engineering hope or hype", American Society of Reconstructive Microsurgery Annual Meeting, Kauai, Hawaii, 1/12/2003.
42. 2003 American Society of Plastic Surgeons Annual Meeting, San Diego, California, Panel Moderator, "From the bench to the bedside: Research as the basic for current practice and foundation for our future", 10/27/2003.
43. Video Presentation, "Endoscopic muscle harvest for reconstructive surgery", American College of Surgeons Clinical Congress, Chicago, Illinois, 10/20/2003.
44. Invited Lecturer, "Advanced surgical techniques: tissue engineering and computer assisted interventions" and "Reconstructive oncologic surgery the experience at M. D. Anderson Cancer Center", The 30th Annual Conference Israeli Society of Plastic Surgery, ISRAEL, 11/12/2003.
45. Invited Lecturer, "Practical principles for challenging problems in reconstructive surgery", The 30th Annual Conference Israeli Society of Plastic Surgery, ISRAEL, 11/13/2003.
46. Invited Lecturer, "Craniofacial bone tissue engineering from concept to clinic", Tissue Engineering Society International, Orlando, Florida, 12/11/2003.
47. Invited Lecturer, "Impact of Tissue Engineering on Reconstructive Surgery", Tissue Engineering and Regenerative Medicine Workshop, London, UK, 3/29/2004.
48. Invited Panelist, Panel E: Bone, Muscle and Cartilage, "Stem Cell in Tissue Engineering", Tissue Engineering and Regenerative Medicine Workshop, London, UK, 3/29/2004.
49. Invited Faculty "Mandibular reconstruction", AO ASIF Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction, Atlanta, Georgia, 5/22/2004.
50. Invited Panel Moderator. Session: Strategies of mandibular fracture, AO ASIF Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction, Atlanta, Georgia, 5/22/2004.
51. Invited Panelists. Panel 11: Breast I, "Maximizing aesthetics after breast reconstruction", 17th Congress of the International Society of Aesthetic Plastic Surgery, Houston, Texas 8/31/2004.
52. Invited Panel Moderator. Research Panel: Plastic Surgery; Research - Foundation for the Future, American Association of Plastic Surgeons, Scottsdale, Arizona, 5/9/2005.

53. Invited Discussant. "Secondary breast reconstruction with a delayed TRAM flap in the era of microsurgery-A useful option following chest wall radiation", American Society of Reconstructive Microsurgery, 1/17/2005.
54. Invited Instructional Course. "Clinical research: From the bench to the bedside", American Society of Plastic Surgeons, Chicago, Illinois 9/27/2005.
55. Invited Panelist. Session GS28-Corrleative Clinic: Case No. 1 Reconstructive Breast Surgery, American College of Surgeons 91st Annual Clinical Congress, San Francisco, California, 10/18/2005.
56. Invited Participant. Round Table Discussion, "Controversies in breast reconstruction after mastectomy" American College of Surgeons 91st Annual Clinical Congress, San Francisco, California, 10/18/2005.
57. Invited Panelist. Session Update on Stem Cell Applications: "Application of stem cells for tissue replacement in reconstructive surgery", American College of Surgeons 91st Annual Clinical Congress, San Francisco, California, 10/19/2005.
58. Invited Presenter. "Reconstruction After Preoperative Therapy." National Cancer Institute Conference, Bethesda, Maryland, 3/27/2007.
59. Invited Discussant. Scientific Session I: "Can Microsurgical Reconstruction of a Local Blockade in the Lymphatic System Cure Lymphedemas?", American Association of Plastic Surgery, Coeur D'Alene, Idaho, 5/21/2007.
60. Invited Discussant. "Guided Bone Growth and the Fabrication of Vascularized Bone Flaps", World Society of Reconstructive Microsurgery, Athens, Greece, 6/24/2007.
61. Invited Discussant. "Operating in Irradiated Fields: Reoperation for Tumor Recurrence", World Society of Reconstructive Microsurgery, Athens, Greece, 6/27/2007.
62. Invited Presenter. "Tissue Engineering in Context: Plastic Surgery for Oncology", Tissue Engineering Course, Rice University, Houston, Texas, 8/15/2007.
63. Invited Lecturer. "Microvascular reconstructive surgery" , 60th Anniversary Jubilee of Oncology Institute- Maria Sklowdowska-Curie Memorial Cancer Center , Gliwice, Poland, 5/11
64. Invited Lecturer. "Panel II: Head and Neck Reconstruction, Midface Reconstruction following Tumor Resection , Mandible Reconstruction following Tumor Resection , Panel VIII: Microsurgical Approach in Difficult Cases, Thorax: Chest Wall, Esophagus, Bronchopleural Fistula , Panel IX: Breast Reconstruction (Chairman), Preoperative Imaging for Autologous Breast Reconstruction , Maximizing Aesthetic Outcomes in Breast Reconstruction", Pre 6th Congress of the World Society for Reconstructive Microsurgery (WSRM)- Bucharest, Romania, 6/11

65. Invited Lecturer, 6th Congress of the World Society for Reconstructive Microsurgery (WSRM)- Helsinki, Finland, 7/11
66. Invited Lecturer. "Equipping for the Future: What a trainee should do when he is a trainee", 46th Annual Conference of Association of Plastic Surgeons of India (APSICON)- Coimbatore, India, 9/11
67. Invited Lecturer. "Commentator- for Live Surgery- Microsurgery Diep Salvage Reconstruction after Failed Free Flaps, Computer Assisted design in planning osteotomy for mandibular and maxillary reconstruction, Refinement to optimize aesthetic result in breast reconstruction Moderator- Breast II, Panel 13", Chang Gung/Mayo Clinic Symposium of Reconstructive Surgery- Taipei, Taiwan, 10/11
68. Invited Lecturer. "Complications and avoidance tricks and pearls, Demonstration- Lower extremity/Pelvic girdle flaps, Lecture- Reconstructive surgery in oncology Panelist- Surgical Training in Kenya: What is the Right Setting, Formula and Outcome Measure? Lecture- Malignant melanoma – an update", Surgical Society of Kenya (SSK) Scientific Conference- Kisumu, Kenya, March 2012

Other, Including Scientific Exhibitions

1. Best Senior Resident's Conference, Research Advisor with Bowen D, Goldberg DL, Yaszemski MJ, Mikos AG, "Prefabricated bone flaps in sheep" (Awarded Honorable Mention) Memphis, Tennessee, 1996.
2. Plastic Surgery Educational Foundation, 1996 EF Teleplast-A, New The American Society of Plastic and Reconstructive Surgeons, Annual Scientific Meeting, "Tissue engineering: A glimpse into the future of plastic surgery", Dallas, Texas, 11/12/1996.
3. Dimension in Plastic Surgery, "Reconstructive applications of endoscopic surgery", San Diego, California, 12/7/1996.
4. American Society for Reconstructive Microsurgery, 12th Annual Meeting, "Endoscopy and microsurgery", Boca Raton, Florida, 1/14/1997.
5. Emerging Technologies in Plastic Surgery: Laser and Endoscopic Innovations Symposium, "Endoscopic harvest of jejunum and omentum", New York City, New York, 5/1-2/1997.
6. European Tissue Repair Society, Consensus Conference on Tissue Engineering, "Tissue engineering and reconstructive surgery", Freiburg, Germany, 8/20/1997.
7. Euroconference on Tissue and Cell Engineering, "Guided bone regeneration", Santa Margherita, Ligure, Genova, Italy, 9/18-23/1998.

8. Christian Medical and Dental Society, Fellowship Breakfast, "Making Christ known to students, residents/fellows, patients and colleagues", Boston, Massachusetts, 10/4/1998.
9. 1st International Conference on Medical Implants, Engineering Research Center, Member, International Advisory Committee, 1999-2000
10. American Society of Reconstructive Microsurgery Annual Meeting, Poster Presentation: "Flap selection for optimal functional and aesthetic outcome in posterior mandible reconstruction", South Beach, Florida, 1/8-11/2000.
11. The Gabbe Group Site Visit Presentation, University of Texas M. D. Anderson Cancer Center, Houston, Texas, 1/30/2001.
12. Whitaker Site Visit Team Presentation, University of Texas Austin, Austin, Texas, 4/16-18/2001.
13. The MED-ED Program Site Visit Presentation, "Breast Reconstruction: What you need to know", University of Texas M. D. Anderson Cancer Center, Houston, Texas, 7/18/2002.
14. Shads Health Care & University of Florida Site Visit, "Breast Reconstruction", University of Texas M.D. Anderson Cancer Center, Houston, Texas 9/26/2003.
15. Susan G. Komen Site Visit, "Breast Reconstruction: What you need t know", University of Texas M. D. Anderson Cancer Center, Houston, Texas 11/25/2003.
16. Christus St. Joseph Hospital Site Visit, Plastic Surgery Residency Program, Houston, Texas 1/21/2004.
17. Institute of Biosciences and Bioengineering, Rice University Site Visit, "Bioengineering and Breast Reconstruction", University of Texas M. D. Anderson Cancer Center, Houston, Texas 6/10/2004.
18. Plastic Surgery Research Council, Poster Presentation, "Guided Bone Formation from Periosteum and Muscle Fascia: Implications for Restoring the Facial Skeleton", Toronto, CANADA 5/18-21/2005.
19. Ohio Valley Society of Plastic Surgeons Annual Conference, Poster Presentation, 5/14-5/16, 2010

Seminar Invitations from Other Institutions

1. School of Nursing Bioethics Seminar: "Abortion and euthanasia", University of the Philippines, Manila, Philippines, 5/1990.
2. Education Conference: "Facial reanimation", Division of Plastic Surgery, St. Joseph Hospital, Houston, Texas, 10/1/1990.
3. Premedical Honor Society Meeting: "Cancer reconstruction", Houston Baptist University, Houston, Texas, 1/14/1992.

4. Flap Dissection Workshop: Baylor College of Medicine, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 8/22/1992.
5. Plastic Surgery Resident Conference: "Overview of cancer reconstruction", Ohio State University, Columbus, Ohio, 2/20/1993.
6. Flap Dissection Workshop: "The lateral thigh flap", "The medial plantar flap", "Abductor hallucis brevis", Baylor College of Medicine, The University of Texas M.D. Anderson Cancer Center, Houston, Texas, 11/1993.
7. Plastic Surgery Residents' Conference: "Cervical esophagus reconstruction", Loma Linda University, Loma Linda, California, 2/1994.
8. Seminar: "Cervical esophagus reconstruction", Rochester General Hospital, Rochester, New York, 5/4-6/1994.
9. Instructional Course in Endoscopic Plastic Surgery, Guest Faculty: "Laparoscopic tissue harvest", Emory University, Atlanta, Georgia, 10/21-22/1994.
10. Psychomotor Skills Workshop: "Temporoparietal fascial flaps", Baylor College of Medicine, Houston, Texas, 2/4/1995.
11. Baptist Student Ministry: "Life as a real world doctor", Rice University, Houston, Texas, 2/21/1996.
12. Multidisciplinary Wound Care Conference: "Radiation burns", The Methodist Hospital, Houston, Texas, 3/28/1996.
13. Grand Rounds: "Mandibular reconstruction", Veterans Administration Hospital – Medical Center, Houston, Texas, 9/25/1996.
14. Pittsburgh Tissue Engineering Initiative Seminar Lecture Series: "Progress in bone tissue engineering", Carnegie Mellon University, Pittsburgh, Pennsylvania, 10/2/1996.
15. Grand Rounds: "Mandible reconstruction", Baylor College of Medicine, Houston, Texas, 11/1/1996.
16. Plastic Surgery Grand Rounds: "Tissue engineering research", Baylor College of Medicine, Houston, Texas, 2/7/1997.
17. Lecture Series: "Introduction to bioengineering", Rice University, Houston, Institute of Biosciences and Bioengineering, Houston, Texas, 10/10/1997.
18. Lecture Series: "Advances in tissue engineering", "Clinical experiences with plastic surgery", Rice University, School of Continuing Studies, Institute of Biosciences and Bioengineering, Houston, Texas, 8/19/1998.
19. Department of Plastic Surgery Combined Grand Rounds: Moderator: Robb GL, **Miller MJ**, Evans GRD, Langstein HN. Baylor College of Medicine/UT M. D. Anderson Houston, Texas, 10/2/1998.

20. Department of Plastic Surgery Combined Grand Rounds. Moderator: Robb GL, **Miller, MJ**, Evans GRD, Langstein HN: Baylor College of Medicine/UT M. D. Anderson Houston, Texas, 11/6/1998.
21. Grand Rounds: "Tissue Engineering for Reconstructive Surgery", Department of Surgery, Division of Plastic and Reconstructive Surgery, The University of Texas Health Science Center, Medical School, Houston, Texas, 11/10/1998.
22. Grand Rounds Instructional Course: Robb GL, **Miller MJ**, Friedman J: "Ear Reconstruction", Department of Plastic Surgery, Baylor College of Medicine, Houston, Texas, 12/9/1998.
23. Department of Plastic Surgery Combined Grand Rounds. Moderator: Robb GL, **Miller, MJ**, Evans GRD, Langstein HN: Baylor College of Medicine/UT M. D. Anderson Houston, Texas, 1/8/1999.
24. Conference: Carcinoma of the Lip & Lip Reconstruction, Division of Plastic Surgery, Baylor College of Medicine, Houston, Texas, 1/20/1999.
25. Department of Plastic Surgery Combined Grand Rounds. Moderator: Robb GL, **Miller, MJ**, Evans GRD, Langstein HN: Baylor College of Medicine/UT M. D. Anderson Houston, Texas, 2/5/1999.
26. Conference: Advances in Tissue Engineering, "Impact of tissue engineering on plastic and reconstructive surgery", Rice University, School of Continuing Studies, Houston, Texas, 8/24/1999.
27. Seventh Annual Continuing-Education Course, "Advances in tissue engineering", Rice University, Houston, Texas, 9/1999.
28. Department of Plastic Surgery Combined Grand Rounds, Coordinator and Discussion leader for "M.D. Anderson Care Presentations and Discussion, Baylor College of Medicine, Houston, Texas, 10/1/1999.
29. Biomedical Engineering Graduate Studies Core Curriculum, "Engineering human tissues for reconstructive surgery," Rice University, Houston, Texas: 11/5/1999.
30. Department of Plastic Surgery Grand Rounds: Coordinator and Discussion Leader for M.D. Anderson Case Presentations and Discussion, Baylor College of Medicine, Houston, Texas 11/5/1999.
31. Department of Plastic Surgery Combined Grand Rounds: Coordinator and Discussion leader for "M. D. Anderson Care Presentations and Discussion, Baylor College of Medicine, Houston, Texas, 2/4/2000.
32. Department of Plastic Surgery Combined Grand Rounds: Coordinator and Discussion leader for M. D. Anderson Care Presentations and Discussion, Baylor College of Medicine, Houston, Texas, 3/3/2000.
33. Department of Plastic Surgery Combined Grand Rounds: Coordinator and Discussion leader for M. D. Anderson Care Presentations and Discussion, Baylor College of Medicine, Houston, Texas, 8/3/2000.

34. Conference: Advances in Tissue Engineering, "Tissue engineering and plastic surgery", Rice University School of Continuing Studies, Houston, Texas, 8/15/2000.
35. 1st Annual BME Retreat: "Advanced technology for reconstructive surgery", The University of Texas at Austin, Austin, Texas, 12/5/2000.
36. Plastic Surgery Grand Rounds: Coordinator and Discussion leader for M. D. Anderson Care Presentations and Discussion, Baylor College of Medicine, Houston, Texas, 9/7/2000
37. Surgery Grand Rounds: "Cancer reconstruction", The Texas A&M University System, Health Science Center, Scott and White Clinic, Temple, Texas, 1/8/2001.
38. Head & Neck Conference: "Trends in cancer reconstruction", Memorial Sloan-Kettering Cancer Center, New York, New York, 1/18/2001.
39. Explore UT: "Biomedical engineering and cancer reconstructive surgery", University of Texas Austin, Austin, Texas, 3/3/2001.
40. Conference: Advances in Tissue Engineering, "Impact of tissue engineering on plastic and reconstructive surgery", Rice University, School of Continuing Studies, Houston, Texas, 8/17/2001.
41. Department of Plastic Surgery Combined Grand Rounds: Coordinator and Discussion leader for M. D. Anderson Care Presentations and Discussion, Baylor College of Medicine, Houston, Texas, 1/2/2001.
42. Plastic Surgery Grand Rounds: Coordinator and Discussion leader for M. D. Anderson Care Presentations and Discussion, Baylor College of Medicine, Houston, Texas, 6/7/2001.
43. Surgery Grand Rounds: "Advances in cancer reconstructive surgery", East Tennessee State University, Johnson City, Tennessee, 10/5/2001.
44. Orthopedic Surgery Grand Rounds: "Advances in tissue engineering", University of Texas-Houston Medical School, Houston, Texas 11/29/2001.
45. Grand Rounds: 'Advanced technology and the future of plastic surgery', Division of Plastic and Reconstructive Surgery, Oregon Health and Science University, Portland, Oregon, 12/11/2001.
46. Short Course: Advances in Tissue Engineering, "Impact of tissue engineering on plastic and reconstructive surgery", Rice University, School of Continuing Studies, Houston, Texas, 8/16/2002.
47. UK-Texas Bioscience Workshop, "Tissue Engineering and Regenerative Medicine", Texas-United Kingdom Collaborative Research Initiatives, Houston, Texas, 5/13/2003.

48. The American British Cowdray Medical Center/The University of Texas M. D. Anderson Cancer Center, Paradigms of Breast Cancer in the New Millennium, "Immediate breast reconstruction" and "Reconstructive surgery after radiation treatment" Mexico City, Mexico, 6/13/2003.
49. Short Course: Seventh Annual Continuing-Education Course, "Advances in tissue engineering", Rice University, Houston, Texas, 8/13/2003.
50. Short Course: Advances in Tissue Engineering, "Tissue engineering in context: Reconstructive Surgery", Rice University, School of Continuing Studies, Houston, Texas, 8/13/2004.
51. Colloquium: **Miller MJ**, Patrick CW Jr. Advanced Surgical Techniques: Computer Assisted Interventions, The University of Texas Austin, 9/16/2004.
52. M.D. Anderson & Imperial College Symposium, "Tissue Engineering", Texas-United Kingdom Collaborative Research Initiatives, Houston, Texas, 10/15/2004.
53. Tissue Engineering and Regenerative Medicine Workshop, "Tissue Engineering and Reconstructive Surgery", Texas-United Kingdom Collaborative Research Initiatives, Houston, Texas, 3/28/2005.
54. First Annual Symposium: Breast and Cancer Prostate, "Reconstructive Surgery Post Radiation Therapy and Management of Complications", M. D. Anderson Physicians Network, Kauai, Hawaii, 6/1/2005.
55. Short Course: Advances in Tissue Engineering, "Tissue engineering in Plastic and Reconstructive Surgery", Rice University, School of Continuing Studies, Houston, Texas, 8/13/2005.
56. Short Course: Tissue Engineering in Context: Plastic Surgery for Oncology, Rice University, Institute of Biosciences and Bioengineering and Department of Bioengineering, Houston, Texas, 8/16/2006.
57. Grand Rounds: "Reconstructive Surgery in Oncology," Madison County Hospital, London, Ohio, 3/20/2007
58. Chair and Speaker – "Tissue Engineering – A Clinicians Challenge," Bio 2007 Conference, Boston, Massachusetts, 5/7/2007
59. Lecturer, "Reconstructive Surgery in Oncology", Tumor Board, Wyandot Memorial Hospital, Toledo, Ohio, 8/7/2007
60. Lecturer, "Reconstructive Surgery in Oncology", Grand Rounds, Genesis Healthcare Systems", Zanesville, Ohio, 9/5/2007
61. Lecturer, "Intelligent Systems for Medical Interventions", Bioengineering Department, University of Illinois, Champaign, Illinois, 10/4/2007
62. Lecturer, "Breast Implants and Breast Health," OB/GYN Grand Rounds, The Ohio State University, Columbus, Ohio, 10/11/2007
63. Lecturer, "Translational Research in Plastic Surgery: Blending Biological Science, Engineering and Clinical Medicine," Research in Progress Series, The

Ohio State University, Columbus, Ohio, 11/2/2007

64. Lecturer, "Translational Research in Plastic Surgery: Blending Biological Science Engineering and Clinical Medicine, Grand Rounds, Sloan Kettering Medical Center, New York, NY, 11/19/2007
65. Lecturer, "Reconstructive Surgery & Multidisciplinary Cancer Treatment", Department of Surgery, Grand Rounds, The Ohio State University, Columbus, OH, 12/6/2007
66. Lecturer, "Reconstructive Surgery in Oncology," Scioto County Medical Society, Portsmouth, OH, 2/15/2008
67. Lecturer, "Breast and Melanoma Cancers," Spine and Bone Tumor Symposium, The Ohio State University, Columbus, Ohio, 5/3/2008
68. Lecturer, "Computer-Aided Methods of Breast Reconstruction," Wisconsin Surgical Society, The Ohio State University, Columbus, Ohio, 5/6/2008
69. Lecturer, "What's New in Breast Surgery," Ohio Chapter, American College of Surgeons, Hyatt Regency, Columbus, Ohio, 5/10/2008
70. Lecturer, "Reconstructing Mid-Face Defects with Tissue Loss," AO Operating Room Course, Cleveland, Ohio, 9/6/2008
71. Lecturer, "Appearance," Personalizing Women's Health Through Menopause and Beyond, The Ohio State University Center for Women's Health, Columbus, Ohio, 2/28/2009
72. Lecturer, "Microvascular Surgery for Cancer Patients," 20th Annual Spring Conference, Kaleidoscope of Oncology Care Conference, Columbus, Ohio 4/17/2009
73. Lecturer, "Feasibility of Computer Modeling in Breast Reconstruction and Augmentation Surgery," US National Congress on Computational Mechanics, Columbus, Ohio, 7/17/2009
74. Lecturer, "Plastic Surgery in Oncology: To Restore and Make Whole," Oncology Update, The Ohio State University, Columbus, Ohio, 10/30/2009
75. Lecturer, "Breast Reconstruction," San Antonio Breast Cancer Symposium Review, Hyatt on Capital Square, Columbus, Ohio, 1/23/2010
76. Invited Lecturer, , Mayo Reconstructive Symposium, Rochester, Minnesota, 6/24-6/27, 2010
77. Invited Lecturer, Duke Flap Course, Duke University, 8/6-8/8, 2010
78. Lecturer, "Living Fully after Cancer: The Roll of Breast Reconstruction," Stefanie's Champions, Breast Cancer Research Symposium, The Ohio State University Comprehensive Cancer Center, Arthur G. James Cancer Hospital and Solove Research Institute, Columbus, Ohio, April 2011

79. Lecturer, "Breast Survivorship Symposium, James Cancer Hospital & Solove Research Institute, Columbus, Ohio, June 2011
80. Invited Lecturer, TERMIS 2011, Houston, Texas, 12/14/11
81. Invited Lecturer, 2012 Symposium for the Richmond Journal of Global Law and Business, University of Richmond, Richmond, Virginia, 3/8/12
82. Invited Lecturer, , Mayo Reconstructive Symposium, Rochester, Minnesota, 5/31-6/3, 2012
82. Invited Lecturer, "Tissue Engineering in Plastic and Reconstructive Surgery ", Advances in Tissue Engineering, Rice University, Houston, Texas, 8/8-8/11/12

Lectureships and Visiting Professorships

1. Wound healing and emergency wound management Lectureship, University of the Philippines, Manila, Philippines 5/1990.
2. The role of microvascular reconstruction in the head and neck Lectureship, University of the Philippines, Manila, Philippines 5/1990.
3. Ethicon Endo-Surgery, Inc. Lectureship, "Current surgical techniques and potential minimally invasive alternatives", with G. L. Robb, M.D., Cincinnati, Ohio 4/23/1993.
4. Endoscopy in Plastic Surgery: A Consensus Multi-Disciplinary Symposium Lectureship: "Jejunum harvesting", Birmingham, Alabama: 7/20-24/1994.
5. Endoscopy in Plastic Surgery: A Consensus Multi-Disciplinary Symposium Lectureship: "Muscle harvesting for microvascular surgery", with Felmont Eaves, Birmingham, Alabama 7/20-24/1994.
6. Visiting Professorship: "Craniofacial reconstruction and progress in bone tissue engineering", University of Milan, Milan, Italy 10/11/1996.
7. Visiting Professorship: "Tissue engineering in plastic surgery", Azienda Ospedaliera Istituti, Verona, Italy 10/12/1996.
8. Visiting Professorship: "Tissue engineering in plastic surgery", Libero Istituto Universitario CBM, Rome, Italy 10/17/1996.
9. Head and Neck Cancer Symposium Lectureship: "Esophageal reconstruction", University of Chile, Santiago, Chile, 11/20/1997.
10. Head and Neck Cancer Symposium Lectureship: "Mandibular reconstruction", University of Chile, Santiago, Chile, 11/21/1997.
11. Head and Neck Cancer Symposium Lectureship: "Craniofacial reconstruction", University of Chile, Santiago, Chile 11/21/1997.

12. Visiting Professorship: "The role of modern plastic surgery in the rehabilitation of the patient with cancer", LXX Congreso Chileno e Internacional de Cirugia, Iquique, Chile 11/23/1997.
13. Christian Medical Fellowship Student Conference, Recreational Centre Lectureship: "The truth in life and medicine", "Christian principles/philosophy in medicine", "Ethics", "Healthcare", "Philosophy", The University of Agriculture, Tlen, Poland, 7/31- 8/6/1998.
14. Merk Symposium on Nosocomial Infection Visiting Professorship: "Nosocomial surgical wound and intra-abdominal infections", "Nosocomial infections in hospitalized patients: Management challenges for the 21st Century, Pittsburgh, Pennsylvania 9/4/1998.
15. Osler Institute Lectureship: Plastic Surgery Board Review Course "Flaps and grafts", Houston, Texas 9/8/1998.
16. Lebanese Society of Infectious Diseases Visiting Professorship:, Health Outreach to the Middle East for Christ "Head and neck reconstruction" University of Beirut, Beirut. Lebanon, 6/1/1999.
17. Department of Plastic Surgery Visiting Professorship: "Nosocomial surgical wounds", Nosocomial Infections in hospitalized patients: Management challenges for the 21st Century, Beirut, Lebanon, 6/1/1999.
18. The University of Cairo Visiting Professorship: "Nosocomial Infections in Hospitalized Patients: Management Challenges for the 21st Century", Cairo, Egypt, 6/10 & 11/1999.
19. CMDS-SMDE Conference XXI Lectureship: "Wound management", "Practical management of facial injuries", Brackenhurst International Conference Center, Limuru, Kenya, 2/9/2000.
20. MD Anderson/Interplast Microsurgery Workshop-. National Cancer Institute Visiting Professorship: National Hospital, Colombo, Sri Lanka, 6/16 – 24/2000.
21. CMDS-SMDE Conference XXII Lectureship: "Minimizing morbidity and mortality in surgical oncology", "Surgical flaps", "Wound care and surgical infection", Suan Bua, Chiang Mai, Thailand, 2/23/2001.
22. Ohio State University, Department of Plastic Surgery Visiting Professorship: "Reconstructive Surgery in Cancer Treatment", "Advanced Technology in Plastic Surgery", "Concept of Having Trained at OSU". Columbus, Ohio, 5/2-3/2002.
23. Ohio State University Medical Center Continuing Medical Education "Breast Cancer Care: a Practical Approach" Conference Lecturer. "Advances in Breast Reconstruction", Columbus, Ohio, 5/5/2002.
24. Visiting Surgeon: MD Anderson/Interplast Microsurgery Workshop, Dhaka Medical College and Hospital, Dakha, Bangladesh, 5/9-18/2002.
25. Visiting Professorship, National Taiwan University, Taipei, Taiwan, 6/17-25/2002.

26. Visiting Professorship, The American British Cowdray Medical Center/The University of Texas M. D. Anderson Cancer Center, Paradigms of Breast Cancer in the New Millennium, Mexico City, Mexico, 6/11-15/2003.
27. Visiting Professorship, Berkshire Medical Center, Pittsfield, Massachusetts, 6/19-23, 2003.
28. Madrid Spain Teleconference, The University of Texas M. D. Anderson Cancer Center, "Immediate breast reconstruction" Houston, Texas, 2/13/2004.
29. Delegate, Tissue Engineering/Regenerative Medicine Workshop, London, UK, 3/27-31/2004.
30. Visiting Surgeon: MD Anderson/Interplast Microsurgery Workshop, Yangon General Hospital, Yangon, Myanmar, 11/4-15/2004.
31. Visiting Professor: M. D. Anderson Physicians Network First Annual Symposium: Breast and Prostate Cancer Update, Kauai, Hawaii, 5/31-6/3/2005.
32. Visiting Professor: Sloan Kettering Memorial Hospital, New York, NY 11/29/07.
33. Visiting Professor: Australian Society of Plastic Surgery, Queensland, Australia, 10/2-5/2008.
34. Visiting Professor: National Congress of Plastic Surgery, Porto, Portugal, 10/9-11/2008.
35. Visiting Professor: Egyptian Society of Head and Neck Oncology, Cairo, Egypt, 11/18-19/2009.
36. Visiting Professor: 60th Anniversary Jubilee of Oncology Institute- Maria Sklodowska-Curie Memorial Cancer Center -Gliwice, Poland, May 2011
37. Visiting Professor: Pre 6th Congress of the World Society for Reconstructive Microsurgery (WSRM)- Bucharest, Romania, June 2011
38. Visiting Professor: 6th Congress of the World Society for Reconstructive Microsurgery (WSRM)- Helsinki, Finland, 7/11
39. Visiting Professor: 46th Annual Conference of Association of Plastic Surgeons of India (APSICON)- Coimbatore, India, September, 2011
40. Visiting Professor: Chang Gung/Mayo Clinic Symposium of Reconstructive Surgery- Taipei, Taiwan, October, 2011
41. Visiting Professor: Surgical Society of Kenya (SSK) Scientific Conference- Kisumu, Kenya, March 2012
42. Visiting Professor: Kijabe Hospital- Kijabe, Kenya, March 2012

Other Presentations (state, local) Conferences

1. "Direct microvascular monitoring", Business and Professional Women's Clubs, Houston, Texas, 4/4/1991.
2. "Restoring to wholeness: Case study in breast reconstruction", The Institute of Religion, Houston, Texas, 5/17/1991.
3. "Balancing personal and professional priorities", South Central Regional Student Leadership Conference of the Christian Medical and Dental Society, Dallas, Texas, 3/16/1991.
4. "Leadership in medicine", South Central Regional Student Leadership Conference of the Christian Medical and Dental Society, Dallas, Texas, 3/16/1991.
5. "Reconstructing the whole person after cancer", Houston Baptist University Christian Medical and Dental Fellowship, Houston, Texas, 10/22/1991.
6. "Treatment of radiation injuries", Plastic Surgery Grand Rounds, Baylor College of Medicine, Houston, Texas, 11/1/1991.
7. "Cancer reconstruction", Paws for Caring, Patient Support Group, Second Baptist Church, Houston, Texas: 2/1992.
8. "Current state of breast implants", Bay Area Unit, American Cancer Society, Texas City, Texas, 5/ 26/1992.
9. "The physician and spirituality", The Institute of Religion, Houston, Texas, 1/15/1993.
10. "Reconstructive surgery for the oncology patient", Southeast Texas Section of the American College of Prosthodontists, Houston, Texas: 7/29/1993.
11. "Role of microvascular surgery in head and neck reconstruction", National Medical Association Symposium, San Antonio, Texas 8/9/1993.
12. "Surgical reconstruction of the facial surgical defect", Dental Oncology Maxillofacial Symposium, Houston, Texas 3/1994.
13. "Spectrum of plastic surgery", Premedical Student Christian Medical Fellowship, Houston Baptist University, Houston, Texas, 4/19/1994.
14. "The ethics of evangelism in the medical setting", The Institute of Religion, Houston, Texas, 12/16/1994.
15. "Bone formation using stromal osteoblasts cultured in biodegradable polymer foams", Research Advisor with Ishang SL, Crane G, Yaszemski MJ (Honorable Mention Poster Award), Poster Presentation, Houston Society for Engineering in Medicine and Biology, Houston, Texas, /1996.
16. "Treatment of advanced head and neck skin cancer", Hospital Uniplastica, Recife, Brazil, 11/13/1995.
17. "Bioengineering-Chemical Engineering and Biomedical Engineering". Summer Intern Programs, Science Academy of South Texas, Houston, Texas, 6/4/1998.

18. "Overview of current techniques for restoration of the mandible following cancer surgery", Greater Houston Dental Hygiene Society, Continuing Medical Education, Houston, Texas, 9/1/1998.
19. "The truth in life and medicine", Christian Medical and Dental Society, Houston, Texas, 4/21/1998.
20. Panel Organizer and Moderator for "Emerging technologies in plastic surgery." Texas Society of Plastic Surgeons Annual Scientific Meeting, Austin, Texas, 10/9/1999.
21. "Plastic surgery: Who needs it?" Faculty Spouse Organization, University of Texas M. D. Anderson Cancer Center, Houston, Texas, 4/18/2000.
22. "Post-mastectomy breast reconstruction", First Annual Women's Healthcare Symposium, GE Medical System, Houston, Texas, 5/6/2000.
23. Panel Moderator: "Advances in reconstructive breast surgery". Texas Society of Plastic Surgeons, Dallas, Texas, 11/4/2000.
24. Breast reconstruction patient educational CD Rom interactive program demonstration, Pink Ribbon Volunteer Project Meeting, University of Texas M. D. Anderson Cancer Center, Houston, Texas, 8/16/2001.
25. Breakout Session Presenter, "Repairing the spirit: Perspectives of a reconstructive surgeon", University of Texas Anderson Network Living Fully with Cancer, Houston, Texas, 9/7/2001.
26. Breakout Session Presenter, "Repairing the body: Cancer reconstructive surgery", University of Texas Anderson Network Living Fully with Cancer, Houston, Texas, 9/7/2001.
27. "New trends in breast reconstruction", University of Texas Anderson Network, Partners in Knowledge, News in Cancer, Houston, Texas, 9/25/2001.
28. "Breast reconstruction patient education CD interactive program" Cancer Fighter of Houston, Houston, Texas 9/28/2001.
29. "Relationship between physician and spiritual health", American -Chinese Fellowship, West University Baptist Church, Houston, Texas, 10/12/2001.
30. "Tissue Engineering and Plastic Surgery" Blocker-Lewis Lecture, Singleton Surgical Society, Galveston, Texas, 6/8/2002.
31. Moderator: Session Two, The 5th Houston Plastic Surgery Seminar, Houston Plastic Surgery Seminar Series, Houston, Texas, 1/17/2003.
32. Panelist: "New research directions in breast reconstruction", The 5th Houston Plastic Surgery Seminar, Houston Plastic Surgery Seminar Series, Houston, Texas, 1/17/2003.

33. Panelist: Case management presentations and discussion. The 5th Houston Plastic Surgery Seminar, Houston Plastic Surgery Seminar Series, Houston, Texas 1/17/2003.
34. Co-Director: The 5th Houston Plastic Surgery Seminar, Houston Plastic Surgery Seminar Series, Houston, Texas, 1/17/2003.
35. Invited Lecturer, "Cancer Related Reconstructive Surgery", Houston Chapter of The Oncology Nursing Society, Houston, Texas, 2/19/2003.
36. "Advances in Breast Reconstruction" Coastal Bend Health education Center's 10th Annual Oncology Conference, Corpus Christi, Texas, 4/12/2003.
37. Panel Discussion: The role of the primary care physician in the treatment of breast cancer. Coastal Bend Health education Center's 10th Annual Oncology Conference, Corpus Christi, Texas, 4/12/2003.
38. Breakout Session Presenter, "Breast Reconstruction: What you need to know", University of Texas Anderson Network Living Fully with Cancer, Houston, Texas, 9/13/ 2003.
39. "Reconstructive surgery and cancer recovery", Place of Wellness, University of Texas M. D. Anderson Cancer Center, Houston, Texas, 9/16/2003.
40. "Succeeding in Medical School", Houston Chapter of Christian Medical and Dental Association, Houston, Texas, 8/25/2004.
41. "The Most Important Medical Text Book on Your Shelf", Houston Chapter of the Christian Medical and Dental Association, Houston, Texas, 9/1/2004.
42. "Addressing Patient Embracement Spiritual Need", University of Texas M. D. Anderson Cancer Center, Houston, Texas, 10/14/2004.
43. "New Trends in Breast Reconstruction", Anderson Network, University of Texas M. D. Anderson Cancer Center, Houston, Texas, 5/12/2005.
44. Invited Lecturer, "Patient Education and Decision Making in Breast Reconstruction Surgery", Breast Cancer Clinical Research Meeting, The University of Texas M.D. Anderson Cancer Center, Houston, Texas 06/16/2006
45. Invited Lecturer, "Appearance", Personalizing Women's Health Through Menopause and Beyond, The Ohio State University, Columbus, Ohio, 2/28/2009
46. Invited Lecturer, "Living Fully after Cancer, the Role of Breast Reconstruction", Stephanie's Champions Research Symposium, The Ohio State University, Columbus, Ohio, 4/13/2010.
47. Lecturer, 2nd Annual Ruberg Symposium, The Ohio State University Wexner Medical Center, Columbus, Ohio, 9/10
48. Invited Lecturer, "Breast Survivorship Symposium, James Cancer Hospital & Solove Research Institute, Columbus, Ohio, June 2011
49. Invited Lecturer, 3rd Annual Ruberg Symposium, The Ohio State University

Wexner Medical Center, Columbus, Ohio, 9/11

50. Invited Lecturer, CRMCBT Retreat, Mohican Lodge, Perrysville, Ohio 8/17/12

PROFESSIONAL MEMBERSHIPS/ACTIVITIES:
Professional Society Activities, with Offices Held
Local/state

Robert M. Zollinger/Ohio State University Surgical Society, 1989-1999

The Houston Society of Plastic Surgeons, 1991-2007

Harris County Medical Association, 1991-2007

The University of Texas M.D. Anderson Associates, 1991-Present

Faculty Sponsor, Student Chapter, Christian Medical and Dental Society, The University of Texas-Houston Medical School, Houston, Texas, 1991-2007

Texas Medical Association, 1994-2007

Houston Academy of Medicine, 1994-2007

The Columbus Surgical Society, 2007-Present

The Columbus Society of Plastic Surgeons, 2007-Present

Central Surgical Association, 2007-Present

Ohio State Medical Association, 2007- Present

Columbus Medical Association, 2007- Present

American College of Surgeons (Ohio Chapter), 2007- Present

Ohio Valley Society of Plastic Surgeons, 2007- Present

National and International

American Medical Association, 1983-1999

American Board of Plastic Surgery, 1990-Present

- Examiner, 2010 and 2011
- Director, 2014-2015

The Society of Surgical Oncology, 1992-2007

Christian Medical and Dental Association, 1989-Present

American Society of Plastic Surgery, 1990-Present

- Member, Scientific Program Committee, American Society of Plastic and Reconstructive Surgeons 1997-1998

- Member, Guidelines Subcommittee, American Society of Plastic Surgeons, 1999-2000
- Member, Publications Committee, Plastic Surgery Educational Foundation, 2002-2003
- Member, Device and Technique Assessment Committee (DATA), Plastic Surgery Educational Foundation, 2002-2004, 2004-2005
- Member, Research Fellowship Committee, Plastic Surgery Educational Foundation, 1999-2000, 2000-2001
- Member, Undergraduate Education Committee, Plastic Surgery Education Foundation, American Society of Plastic Surgeons, 2000-2001
- Member, Guidelines Committee, American Society of Plastic Surgeons, Plastic Surgery Educational Foundation, 2000-2001, 2001-2002
- Member, Undergraduate Education Committee, Plastic Surgery Educational Foundation 2000-2001, 2001-2002
- Member, Development Committee, Plastic Surgery Educational Foundation, 2001-2002, 2002-2003, 2003-2004
- Member, Research Grants Committee, Plastic Surgery Educational Foundation, 2001-2002, 2002-2003, 2003-2004
- Chairman, Research Fellowship Committee, Plastic Surgery Educational Foundation, 2001-002, 2002-2003, 2003-2004
- Member, PSEF Research Program Task Force. Plastic Surgery Educational Foundation, 2004-2005
- Member, Breast Implant Task Force (BITP) Technical Advisory Group (TAG), American Society of Plastic Surgeons, 2005
- Member, Research Communications and Advocacy Committee, ASPS, 2008
- Member, Basic and Translational Committee, ASPS, 2008
- Member, FDA Affairs Committee, ASPS, 2008
- Member, Technology Assessment Committee, 2008

Plastic Surgery Research Council, 1993-Present

- Member, Program Committee The Plastic Surgery Research Council, 1999

Tissue Engineering and Regenerative Medicine International Society (TERMIS), 1995-Present

American College of Surgeons, 1995-Present

Society of Head and Neck Surgeons, 1995-2007

American Association for the Advancement of Science, 1995-Present

American Society for Reconstructive Microsurgery, 1995-Present

- Member, Clinical Practice Guidelines Committee, American Society for Reconstructive Microsurgery, 1996-1999
- Member, Nominating Committee, American Society for Reconstructive Microsurgery, 1999-2000, 2000-2001, 2001-2002
- Member, Outcomes Committee, American Society for Reconstructive Microsurgery, 1999-2000, 2000-2001
- Member, Membership Committee, American Society for Reconstructive Microsurgery 1999-2000
- Member, Ad Hoc International Relations Committee, American Society for Reconstructive Microsurgery, 2000-2001

- Member, Ad Hoc Mentorship Committee, American Society for Reconstructive Microsurgery, 2003-2004.
- Member, Education Committee, American Society for Reconstructive Microsurgery, 2004-2005.
- Member, Ad Hoc Head and Neck Subspecialty Committee, American Society for Reconstructive Microsurgery, 2004-2005, 2005-2006.
- Chairman, Education Committee, American Society for Reconstructive Microsurgery, 2005-2006.
- Chairman, Electronic Communications Committee, American Society for Reconstructive Microsurgery, 2008-2010.
- Chairman, Education Committee, American Society for Reconstructive Microsurgery, 2011-2012.
- Historian, Executive Council, American Society for Reconstructive Microsurgery, 2011-2012.

American Society of Maxillofacial Surgeons 1997-Present

- Member, Fellowship Review-Craniofacial Sub-Committee, American Society of Maxillofacial Surgeons 1997-1998
- Member, Biomaterials Committee, American Society of Maxillofacial Surgeons, 1997
- Member, Web Page Ad Hoc Committee, American Society of Maxillofacial Surgeons, 1999

American Association of Plastic Surgeons, 2002-Present

- Member, Scientific Program Committee, American Association of Plastic Surgeons, 2002-2003, 2003-2004, 2005-2006
- Chairman, Scientific Program Committee, American Association of Plastic Surgeons, 2004-2005.
- Member, Finance Committee, 2005-2006
- Nominee, Director American Board of Plastic Surgeons, 2013
- Member, Research and Education Committee, 2011-2012
- Chairman, Constitution and Bylaws Committee, 2012-2013

International Association for Computational Mechanics (IACM), 2009-Present

US Association for Computational Mechanics (USACM), 2008-Present

World Society of Reconstructive Microsurgery, 2011-Present

- Member, Membership Committee, 2012

American Surgical Association, 2012-Present

American Council of Academic Plastic Surgeons, 2007- Present

OTHER:

Non-funded Protocols

a. Animal

Principle Investigator, "Vascularized Tissue Scaffolds for Cell Transplantation in Syngeneic Rats" The University of Texas, M.D. Anderson Cancer Center, Protocol # 06-97-04441, 1997.

Collaborator, Effects of Perioperative Radiation Therapy on Mandibular defects Reconstructed with Norian (R) Moldable Hydroxyapatite Bone Cement, The University of Texas, M.D. Anderson Cancer Center, Protocol # 12-99-11871, Principle Investigator: Butler CE, 1999

Principle Investigator, "Cranial Defect Reconstruction Using Cultured Osteoblast/Polymer Constructs", The University of Texas, M.D. Anderson Cancer Center, Protocol # 07-96-04842, 2001

Principle Investigator, "Vascularized Tissue Scaffolds for Cell Transplantation in Nude Mice", The University of Texas, M.D. Anderson Cancer Center, Protocol # 06-97-04331, 2004

Principle Investigator, "Prefabricated Bone Flap in Sheep", The University of Texas, M.D. Anderson Cancer Center, Protocol # 07-94-03222, 2005

b. Human

Collaborator, "Compassionate Protocol for use of Gel Implants in Breast Cancer Reconstruction", Mentor Laboratories, RPS 92 00, Principle Investigator: Robb GL, 1996.

Collaborator, "Epidermal Protection with Cryogen Spray Cooling During Dermatological Laser Surgery with High Light Dosages", The University of Texas, M.D. Anderson Cancer Center, RPS 99 422, Principle Investigator: Chang DW, 1999.

Principal Investigator, "3-Dimensional Modeling of Osseous Midface Defects", The University of Texas, M.D. Anderson Cancer Center, LAB 00 -50, 2000.

Principle Investigator, "3-Dimensional Form and Soft Tissue Biomechanics of the Breast", ID01-305, 2001

Principle Investigator, "Image-Processing for Quantitative Analysis of the Aesthetic Outcomes of Breast Reconstructive Surgery", RCR03-0448, 2003.

Co-investigator, McGhan Medical Corporation Silicone Filled Breast Implants Adjunct Clinical Study, RPS02-224, PI: Beahm E, 2003

Principle Investigator, "Interactive CD as a Tool to Explain Options in Breast Reconstruction" ID03-0027, 2003.

Collaborator, Tissue Engineering Using Adipose-Derived Cells, The University of Texas M. D. Anderson Cancer Center, PI: Patrick CW Jr., LAB03-0410 titled, 2003

Principal Investigator, "Esophageal Reconstruction with Jejunal Conduits", The University of Texas M. D. Anderson Cancer Center, RCR03-0515, 2003.

Principal Investigator, "Outcome of Perineal Hernia Repair" The University of Texas M. D. Anderson Cancer Center, RCR04-0301, 2004

Principal Investigator, "Multimodality anthropomorphometric analysis of quantitative assessment of outcomes in breast reconstructive surgery", The University of Texas M. D. Anderson Cancer Center, 2004-0899, 2005.

Internet Medicine

Consultant, wiredmd.com, Internet Medicine, Interplast, 1999-Present

Community Service

Deacon, Second Baptist Church, Houston, TX
Vice Chairman, Deacon Committee, Second Baptist Church, Houston, TX 2002/2004
Member, Board of Trustees, Mars Hill Productions- association ended 2005
Member, Board of Trustees, Kardia Foundation- association ended 2005
Member, Board of Trustees, Brittin Christian Foundation- association ended 2008
Member, World Vision, Medical Advisory Board – association ended 2003

- Medical Projects in Romania
- Project Gloria, Peru-Reconstructive Surgery

Presentations

Invited Speaker, American-Chinese Fellowship, West University Baptist Church, 7/11/2003.

Invited Speaker, American-Chinese Fellowship, West University Baptist Church, 7/8/2005.

Media Activity

Breast reconstructive activities profiled in Houston Chronicle, 2000

Bone research profiled in the London Times, 2000

University of Texas Cancer Newslines story "Tissue engineering " featuring **Miller MJ**, Patrick Jr. CW, WFLA-TV, Orlando, Florida, 6/6/2001; WTTG-TV, Washington, D.C., 6/7/2001; WUSA-TV, Washington, D.C., WGCL-TV, Atlanta, Georgia, KHOU-TV, Houston, Texas, TXCN-TV, Dallas, Texas, KPICX-TV, San Francisco, California, 5/22-25, 2001

University of Texas Cancer Newslines story "Potential for stem cell research" featuring **Miller MJ**. KTRK-TV, KVUE-TV Houston, Texas 4/12/2001

University of Texas Cancer Newslines Story "New Ways to Educate Women About Breast Reconstruction" featuring **Miller MJ**. KTRK-TV, KVUE-TV Houston, Texas 1/2003

Spanish CD-ROM "Breast Reconstruction: What you need to know" profiled in Houston Chronicle, 5/15/ 2003

Breakthroughs in Medicine, "Breast Reconstruction" featuring **Miller MJ**. WBNS 10-TV, Columbus, Ohio, 7/1/2007.

Suburban News Publication Article, Upper Arlington News, "Patients Should Know Breast Reconstruction Options", 9/26/2007.

Video News Release, "Breast Reconstruction", Columbus, Ohio, 10/2007.

WSNY 95 Radio Interview, "Breast Cancer Awareness Month, Columbus, Ohio, 10/1/2007.

Ohio News Network Interview, "Breast Reconstruction", 10/18/2007.

The Columbus Dispatch Article, "Low Risks Still Worth Hesitation, Doctors Say", 11/19/2007.

Health One Publication, "Whole Again, Plastic Surgery Offers Reconstruction Options for Mastectomy Patients", The Ohio State University, Fall, 2007.

Physicians Practice, "Reconstructive Breast Surgery," The Ohio State University, November/December, 2007.

Insight, The Ohio State University, "Whole Again, Plastic Surgery Offers Reconstruction Options for Mastectomy Patients," The Ohio State University, December, 2007.

Health News Digest, "Make Reconstructive Breast Surgery Part of the Plan," **Healthnewsdigest.com**, Columbus, Ohio, 6/2/2009.

Up-dated: 1/08/16 (RPS)