

**ANDREW J. WEILAND, M.D.**  
The Hospital for Special Surgery

Professor of Surgery (Orthopaedics)  
Professor of Plastic Surgery  
Weill Medical College of  
Cornell Medical University

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535 East 70th Street  
New York, New York 10021

Office Telephone: (212) 606-1575

Education: Colby College; Waterville, Maine; 1964, B.A. Bowman  
Gray School of Medicine of Wake Forest University;  
Winston-Salem, North Carolina; 1968; M.D.

Post-Graduate Training

General Surgery Internship; University of Michigan  
Medical Center; Ann Arbor, Michigan; 1968-1969.

General Surgery Residency; University of Michigan  
Medical Center; Ann Arbor, Michigan; 1969-1970.

Orthopaedic Surgery Residency; The Johns Hopkins  
Hospital; Baltimore, Maryland; 1972-1975.

Chief Resident, Orthopaedic Surgery; The Johns Hopkins  
Hospital; Baltimore, Maryland; July 1, 1974 June 30, 1975.

ASIF Fellowship in Internal Fixation of Fractures under  
Professor Hans Willenegger; Leistal, Switzerland;  
January/March, 1974.

Christine Kleinert Fellowship in Hand Surgery, University  
of Louisville; Louisville, Kentucky; July/December, 1975.

Military Service: U.S. Army Medical Corps; Fort Jackson Army Hospital;  
Columbia, South Carolina; July 5, 1970 - June 25, 1972;  
Discharge Rank: Major

Faculty Appointments: Assistant Professor of Orthopaedic Surgery; The Johns  
Hopkins University School of Medicine; January 1, 1976 -  
February 25, 1979

Assistant Professor of Emergency Medicine; The Johns Hopkins University School of Medicine; January 1, 1976 - June 30, 1979

Associate Professor of Orthopaedic Surgery; The Johns Hopkins University School of Medicine; February 26, 1979 -January 31, 1983

Associate Professor of Emergency Medicine; The Johns Hopkins University School of Medicine; July 1, 1979 - January 31, 1983

Director, Division of Upper Extremity Surgery; The Johns Hopkins University School of Medicine; July 1, 1975 - December 31, 1989

Professor of Orthopaedic Surgery; The Johns Hopkins University School of Medicine; February 1, 1983 - December 31, 1989

Professor of Emergency Medicine; The Johns Hopkins University School of Medicine; February 1, 1983 - December 31, 1989

Professor Or Plastic Surgery; The Johns Hopkins University School of Medicine; January 1, 1985 - December 31, 1989

Professor of Surgery (Orthopaedics) Cornell University Medical College. January 1, 1990-present

Professor of Surgery (Plastic), Cornell University Medical College. January 1, 1990-present.

#### Hospital Appointments:

Active Staff, Orthopaedic Surgery; The Johns Hopkins Hospital; Baltimore, Maryland; 1976-December 31, 1989

Active Staff, Orthopaedic Surgery; The Good Samaritan Hospital; Baltimore, Maryland; 1976-December 31, 1989

Active Staff, Orthopaedic and Hand Surgery; The Union Memorial Hospital; Baltimore, Maryland; 1976 - December 31, 1989

Active Staff, Orthopaedic Surgery; Children's Hospital; Baltimore, Maryland; 1976 -December 31, 1989

Active Staff, Orthopaedic Surgery; St. Joseph's Hospital; Baltimore, Maryland; 1989 - December 31, 1989

Consultant, Orthopaedic and Hand Surgery, and Director of Hand Service; Loch Raven Veterans Administration Hospital; Baltimore, Maryland; 1976 -December 31, 1989

Consultant, Orthopaedic and Hand Surgery; Baltimore City Hospital, Baltimore, Maryland; 1976 - December 31, 1989

Consultant, Orthopaedic Surgery; East Baltimore Medical Program; Baltimore, Maryland; 1976 - 1982

Consultant, Hand Surgery; Maryland Institute for Emergency Medical Services Systems; Baltimore, Maryland; 1981 -December 31, 1989

Active Staff, Orthopaedic Surgery, The New York Hospital, New York, New York 1990-present

Surgeon in Chief, The Hospital For Special Surgery New York, New York 1990-August 31, 1993

Residency Program Director Hospital for Special Surgery May 2003 to December 31, 2005

## **PROFESSIONAL SOCIETIES:**

### **American Society for Surgery of the Hand**

Member	February 19, 1979-present
Microsurgery Liaison Committee	1980-1983
Examination Committee	1981
Course Planning Committee	1982-1985
Chairman, Course Construction Committee	1983-1985
Program Committee	1984-1989
Special Subcommittee of the ABOS Task Force on the Written Exam and Recertification Examination	1984
Chairman, Division of Continuing Education	1986-1988
Chairman, Program Committee Annual Meeting	1987
Council Member	1987-1990
Annual Meeting Site Selection Committee	1987
Local Arrangements Committee Annual Meeting	1988
Policy and Information Committee	1991

Forward Planning Committee	1991
Foreign Affairs Liaison	1991
Finance Committee	1992
50th Anniversary Meeting Committee	1992
Impact of CAQ on Hand Surgery Committee	1992
Vice President	1993
Chairman, Membership Committee	1993
Administrative Committee	1993
Interdisciplinary Affairs Division	1993
President Elect	1994
President	1995
Chairman, Annual Meeting Planning Task Force	1999
Investment Advisory Committee	1999-2000
Nominating Committee	1999-2000
ASSH/ISSH Task Force	2000-2001
Board of Trustees (Director)	1987-1990

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**American Society for Reconstructive Microsurgery:**

Member	1984
Technical Exhibits Committee	1984-1986
Chairman	1984-1985
Program Committee	1985
Nominating Committee	1988
Vice President	1989
Forward Planning	1989
Bylaws and Procedural Manual Committee	1989
Constitution and Bylaws Committee	1989
President	1991

**American Academy of Orthopaedic Surgeons:**

Fellow	Class of 1980
Committee on Educational Content	1981-1985
Committee on Microsurgery Education, Secretary	1981-1985
Program Chairman	1993
Journal of the AAOS Chairman, Oversight Bd.	
Council on Education	1991-1996
Council on Education Vice Chairman	1994-1996
Bone and Joint Decade Task Force	1998-
Chair, ad hoc Committee re Council on Academic Affairs	
Chair, Task force for JBJS as Member Benefit	
Chair, Committee on Dues Increase	
Member, Search Committee for new C.E.O. AAOS	
Mentor Leadership Fellows Group	

Member Task Force AAOS 2005	
Member, Committee chaired by Dr. Herndon re Annual Program of Work	
Board of Directors	2000-2003
Treasurer	2000-2003
Health Services Oversight Panel	2002-2003
Chair For implentation of AAOS Financial Reorganization based on RSM McGladry Report	
Chairman, Finance Committee	2002-2003
Nominating Committee	2004

### **American Board of Orthopaedic Surgeons**

Member	1977-present
Director-Elect	1992
Written Examinations Committee	1992
Recertification Examination Committee	1992
Oral Examination Committee	1992
Oral Recertification Exam Committee	1992
Chairman, Written Examination Committee	1993
Medical Director	1993
Added Qualifications Committee	1993
President Elect	1997-1998
President	1998-1999
Chairman, Joint Committee Surgery of the Hand	1998- 2002

### **American Shoulder and Elbow Surgeons:**

Member	1983
Executive Committee	1986
Program Committee	1988-1989
Executive Committee	1989
Exchange Fellowship Committee	1991
Continuing Education Committee	1995-96

### **American Orthopaedic Association**

	1985-present
AOA Exchange Fellowship Committee	1985-1988
AOA Committee on International Musculoskeletal Societies	1988
AOA-ABC Exchange Fellowship Committee	1990-present
AOA Membership Committee	1995
AOA Second President Elect	1996
AOA Finance Committee	1996
AOA Executive Committee	1996
AOA Planning and Development Committee	1996
AOA Fellowship Coordination Committee	1996
AOA President Elect	1997-1998
AOA-President	1998-1999
AOA-Shand's Lectureship Committee	

AOA-Ad Hoc Committees: AOS Sequential Meetings Joint Meeting with COA	
AOA-ABC Alumni Club Committee	2003-
Chair, AOA-Smith and Nephew Clinician Educator Committee	2003-2006

**Miscellaneous:**

Educational Committee, Arthritis Foundation (Maryland Chapter)	1976
Medical and Scientific Committee_ Arthritis Foundation	1979-1979
Allied Health Professions Executive Committee Arthritis Foundation	1976-1979
Microsurgery Vascular Committee, International Federation of Societies for Surgery of the Hand	1979
Member, Southeastern Hand Club	1979
Membership Committee, Southeastern Hand Club	1979-1989
Program Committee, Southeastern Hand Club	1980-1986
Member, American British Canadian (ABC) Traveling Fellowship Society	1981
Governors Committee on Arthritis, Maryland	1981
Special Study Section NIH Site Visits for Grant Applications	1981
Honorary Member, New England Hand Society	1998
Tissue Committee, International Society for Reconstructive Microsurgery	1982
Chairman, Committee on Free Bone Transfer, ISRM	1982
Member, The National Neurofibromatosis Foundation	1982
The Interurban Orthopaedic Club	1982
Pan American Medical Assoc.Section on Hand Surgery	1983
Special Studies Section, NIH	1984
Ad Hoc Advisory Panel for Musculoskeletal Diseases NIH	1984
American Orthopaedic Society Fellowship Committee	1991
COMSS-Council on Musculoskeletal Specialty Societies	1989
Member, Baltimore City Medical Society	1989
International Society for Fracture Repair	1989

New York Society for Surgery of the Hand	1990
Orthopaedic Research and Education Foundation Medical Board Director	1991
Fellow, The New York Academy of Medicine	1991
Trustee, The Royal College of Surgeons Foundation, Inc.	1991
International Wrist Investigators Workshop	1994
Honorary Member, Greek Hand Society	1994
Corresponding Member, Argentine Society for Surgery of the Hand	1993
Physicians Scientific Society	1995
Medical Strollers Society	1991
Corresponding Member, Japanese Society for Surgery of the Hand	1999
President Elect-International Bone Research Association	2007
Director Residency and Fellowship Program, Hospital for Special Surgery	2003-
HSS Orthopaedic Promotions Committee	2003-

Editorial Appointments:

Associate Editor, International Journal of Microsurgery;  
1981 - present

Associate Editor, Journal of Hand Surgery; April 1, 1982 -  
September, 1987

Editorial Board, Orthopedics Today; 1982 - 1996

Board of Advisory Editors, Clinical Orthopaedics and  
Related Research; 1982 - present

Editorial Board, Orthopedics; 1983-1989

Editorial Advisory Board, Journal of Reconstructive  
Microsurgery; 1983 -present

Senior Advisory Board, Hand Index; 1984 - present

Editorial Board; Orthopaedic Knowledge Update II  
(American Academy of Orthopaedic Surgeons); 1984 -  
present

Associate Editor, Journal of Bone and Joint Surgery;  
January 1987 - December, 1990

Associate Editor Year Book of Orthopaedics; 1989 -  
present

Editorial Board, Journal of Orthopaedic Techniques; 1991-present

Editorial Board, Perspectives in Orthopaedic Surgery; January 1991-present

North American Editor, Journal of Shoulder and Elbow Surgery 1991-1996

Associate Editor: ORTHOPAEDIC REVIEW: Aspects of Trauma

Series Editor: ORTHOPAEDIC SURGICAL SKILLS Atlas of Total Hip Replacement Churchill Livingstone 1995.

Editor in Chief Techniques in Hand and Upper Extremity Surgery Lippincott Raven Publishers 1997

Honors and Awards:

Annie J. Covington Award for Cardiology; Bowman Gray School of Medicine; 1968

I. Ridgeway Trimble Award; Maryland Medical and Surgical Society; April 17, 1978

1980 Fritz Steinman Award for Clinical Research in Orthopaedics--Factors Influencing the Survival of Free Vascularized Bone Grafts; AO International/SICOT; Davos, Switzerland; December, 1980

American British Canadian Traveling Fellowship (ABC); American Orthopaedic Association; March 18 - May 3, 1981

Honorary membership, Louisiana Orthopaedic Association; New Orleans, Louisiana; October, 1984

Kappa Delta Award for Outstanding Orthopaedic Research, American Academy of Orthopaedic Surgeons and the Orthopaedic Research Society; 1986

Second Prize (Basic Science Category), Plastic Surgery Educational Foundation Scholarship Contest, Prolonging Survival in Vascularized Bone Allograft Transplantation; April 1986; J.P. Paskert, M.J. Yaremchuk, M.A. Randolph, A.J. Weiland

Joseph H. Boyes Award; Oxygen Radical Scavengers Improve Vascular Patency and Bone/Muscle Cell Survival in an Ischemic Extremity Replant Model; A-PC Weiss, JR Moore, M. Randolph, & AJ Weiland; 43d Annual Meeting of the American Society for Surgery of the Hand; September 14-17, 1988

Plastic Surgery Educational Foundation, 1989 Scholarship Contest, Second Prize, Investigator Category: Determining the Immunogenicity of Vascularized Limb Tissue Allografts; WPA Lee; MJ Yaremchuk; Y-C Pan; MA Randolph; CM Tan; M Manfrini; JF Burdick; AJ Weiland; June 18, 1989

#### HONORS AND AWARDS:

1989 Harold Lamport Biomedical Research Prize, Johns Hopkins University School of Medicine: Quantifying the Effect of Ischemia on Epiphyseal Growth in an Extremity Replant Model; Carey, LA; Weiss, A-PC; Weiland, AJ.

Plastic Surgery Educational Foundation, 1989 Scholarship Contest, Third Prize "Prolonged Survival of Vascularized Limb Tissue Allografts by Donor Irradiation"

1990 Plastic Surgery Education Foundation Scholarship Contest Third Place for "Prolonged Survival of Vascularized Limb Tissue Allografts by Donor Irradiation"

Joseph H. Boyes Award: The Microvasculature of the Triangular Fibrocartilage Complex--Its Clinical Significance; Michael S. Bednar, Steven Arnoczky, AJ Weiland; 45th Annual Meeting of the American Society for Surgery of Hand; Toronto September 23-27, 1990.

Kappa Delta Award for outstanding paper "Toward Clinical Realization of Vascularized Limb Tissue Allografts, Presented at AAOS meeting Anaheim, California. March 1991

American Society for Surgery of the Hand Presidential Address " From Where We Stand" Presented at the 51st Annual meeting, Nashville, Tennessee October 2, 1996.

Lewis Clark Wagner Award "The Application of rhBMP-2 to Intramuscularly Placed Titanium Porous Hydroxyapatite-Coated Implants. A Radiographic & Histomorphometric *in vivo* Assay" Hospital for Special Surgery 78th Annual Alumni Meeting, New York November 7-8, 1996.

Bradford H. Eaton, M.D. Memorial Lecture: Kienbock's Disease: Rationale for Treatment St.Luke's/Roosevelt Hospital Hand Center May 1, 1998.

New England Hand Society 26<sup>TH</sup> Annual Meeting  
Guest Lecturer: Scaphoid Fractures December 4,1998  
Sturbridge, MA.

Nancy Kane Bischoff First Annual Award for Mentoring  
Hospital for Special Surgery 2000

Nancy Kane Bischoff Annual Award for Mentoring  
Hospital for Special Surgery 2003

Society of Scholars of the Johns Hopkins University,  
Baltimore, MD May 19, 2004

Nancy Kane Bischoff Annual Award for Mentoring  
Hospital for Special Surgery 2004

Member, Profiles in Hand Surgery 2004-American  
Society for Surgery of the Hand Publication

Nancy Kane Bischoff Annual Award for Mentoring  
Hospital for Special Surgery 2007

State Board Certification:

North Carolina State Medical Boards; June, 1968  
South Carolina State Medical Boards; December, 1971  
Michigan State Medical Boards January, 1970  
Kentucky State Medical Boards  
Maryland State Medical Boards  
New York State License

National Board Certification:

Diplomate of National Board of Medical Examiners; 1969

Specialty Board Certification:

Board Certified, American Board of Orthopaedic Surgery  
Certificate for Added Qualifications; Hand Surgery

Visiting Professorships:

Ethicon Visiting Professor, University of Linköping;  
Linköping, Sweden; November 29 - December 7, 1980.

Visiting Professor, University of California at Los Angeles;  
Los Angeles, California; June 25, 1981

Visiting Professor, Brown University Medical Center;  
Providence, Rhode Island; July 31, 1981

Visiting Professor, University of Oklahoma Medical  
Center; Oklahoma City, Oklahoma; December 17-18, 1981

Visiting Professor, Tufts University Medical Center;  
Boston, Massachusetts; April 12-13, 1982

Visiting Professor, University of Ljubljana; Ljubljana,  
Yugoslavia; August 24-26, 1982

Visiting Professor, University of Sarajevo; Sarajevo,  
Yugoslavia; August 26-29, 1982

Visiting Professor, University of Michigan Medical Center;  
Ann Arbor, Michigan; November 20, 1982

Visiting Professor, Shriner's Hospital; Springfield,  
Massachusetts; May 5-6, 1983

Visiting Professor, University of Ljubljana; Ljubljana,  
Yugoslavia; April 25-27, 1984

President's Lecturer, Cleveland Orthopaedic  
Club; Cleveland, Ohio; May 5, 1984

President's Lecturer, Louisiana Orthopaedic Association;  
New Orleans, Louisiana; October 11-13, 1984

Visiting Professor, Hand Surgery Associates of Indiana;  
Indianapolis, Indiana; October 15-16, 1984

Visiting Professor, University of Buffalo; Buffalo, New  
York; December 6-7, 1984

Visiting Professor, Long Island Jewish Medical Center;  
New Hyde Park, New York; June 5, 1985

Visiting Professor, Hampton Road Orthopaedic Society and  
Naval Hospital Portsmouth; December 9-10, 1985

Visiting Professor, University of Rochester; Rochester, New York; February 1, 1986

Visiting Professor, National University of Singapore; Singapore; May 16-27, 1986

Visiting Professor, Chinese University of Hong Kong; Shatin, Hong Kong; May 28-31, 1986

Presidential Guest Lecturer, 43rd Congress of the Scandinavian Orthopaedic Association; Trondheim, Norway; June 13, 1986

Visiting Professor, Columbia Orthopaedic Days, Columbia Orthopaedic Society; Columbia, South Carolina; September 26-27, 1986

Visiting Professor, University of Southern California; Los Angeles, California; March 30, 1987

Visiting Professor, University of Cincinnati; Cincinnati, Ohio; May 29-30, 1987

Visiting Professor, University of Pennsylvania; Philadelphia, Pennsylvania; December 9, 1987

Visiting Professor, University of Chicago, Chicago, Illinois; May 12-13, 1988

Visiting Professor, University of Missouri-Columbia, Missouri; August 29-30, 1988

Guest Lecturer, Emory University School of Medicine Department of Orthopaedics, Fourteenth Annual Orthopaedic Update; Atlanta, Georgia; June 7-9, 1989

Visiting Professor, University of South Florida; Tampa, Florida; June 15-16, 1989

Visiting Professor, Brigham ~ Women's Hospital; Boston, Mass; November 29, 1989: "Free Tissue Transfer in the Treatment of Osteomyelitis"

Visiting Professor, St. Lukes Roosevelt Hospital, New York, New York March 20, 1990.

"Rheumatoid Surgery", " Free Tissue Transfer".

Visiting Professor The Tenth Annual Kenneth G. Burton Lecture, Rhode Island Hospital and Brown University, Providence, R.I. May 19, 1990: "Free Tissue Transfer for the Treatment of Osteomyelitis"

Visiting Professor, Lenox Hill Hospital, New York June 4, 1990. "Free Tissue Transfer in the Treatment of Osteomyelitis"

Visiting Professor Stony Brook-SUNY, New York June 8, 1990. Free Tissue Transfer in the Treatment of Osteomyelitis."

Visiting Professor, J. William Hillman Vanderbilt University, Nashville, Tenn. October 24-27, 1990, "Free Vascularized Bone Grafts in the Treatment of Segmental Bone Defects"

Visiting Professor, Mt. Sinai Hospital, New York, December 5, 1990: Total Elbow Replacement

Richard Smith Lecture for ASSH, Anaheim, CA. March, 1991

Visiting Professor, North Shore University Hospital, May 1, 1991: Free Tissue Transfer for Osteomyelitis.

Visiting Professor: Carl E. Badgley Lectureship, University of Michigan Orthopaedic Society October 18, 1991: The Riddles of Kienbock's Disease. 2) Free Tissue Transfers in Orthopaedic Surgery. 3) Personal Observations.

The Japanese Orthopaedic Association April 16-19, 1992  
Fukuoka, Japan The Riddle's of Kienbock's Disease  
presented at the 65th Annual Meeting

Patrick J. Kelly Visiting Professor June 4-6, 1992  
Mayo Clinic

Visiting Professor: Asociacion Argentina de Cirugia  
de La Mano Buenos Aires, Argentina October 26-29,  
1993.

Visiting Professor University of Kentucky May 5-7,  
1994: Riddles of Kienbock's Disease; Open vs. Closed  
Carpal Tunnel Release

Visiting Professor New England Medical Center,  
Boston, MA. Endoscopic vs. Open CTR and The  
Riddles of Kienbocks Disease May 16-18, 1994

Visiting Professor Oregon Health Science University  
Portland, Ore. The Riddles of Kienbock's Disease  
October 17-18, 1994.

Presidential Guest Lecturer, Maryland Orthopaedic  
Society: Open vs. Closed Carpal Tunnel Release  
October 20, 1994

James B. Wray, M.D. Visiting Lecturer Indiana  
University The Riddles of Kienbock's Disease; Acute  
Management of Soft Tissue and Bone Defect of the Lower  
Extremity; Fractures of the Distal Radius  
November 9-10, 1995.

New York Orthopaedic Hospital at Columbia  
University Grand Rounds: Fractures of the Distal  
Radius January 11, 1996

J. Leonard Goldner Visiting Professor-Duke  
University Medical Center: Open Vs. Endoscopic  
Carpal Tunnel Release; Riddles of Kienbock's  
Disease; Frances of the Distal Radius  
April 14-17,1996.

Raymond M. Curtis Visiting Professor: The Union Memorial Hospital 1)Open vs. Endoscopic Carpal Tunnel Release 2)Vascularity of the Distal Radius and Carpus 3) Basal Joint Arthroplasty: Is Tendon Interposition Necessary 4) Riddles of Kienbock's Disease 5) Fractures of the Distal Radius May 9-11, 1996 Baltimore, Maryland

Visiting Professor: Crawford Campbell Lecturer Distal Radius Fractures; Alternatives for Posterior Exposure to the Humerus. Albany Medical Center, Albany, NY October 24-25, 1996.

Arkansas Hand Society: "Fractures of the Distal Radius" "Kienbock's Disease", Little Rock, Arkansas May 1-4,1997

Arthur J. Stein Memorial Lecturer: Fractures of the Distal Radius. Washington University, St.Louis, MO May 21-22, 1997.

Distinguished Guest Faculty Mayo Clinic Rochester Course-Fractures and Dislocations of the Elbow, Shoulder and Wrist April 16-18, 1998 Phoenix, Arizona

Resident Research Day Visiting Professor-Bowman Gray School of Medicine: Scaphoid Fractures and Non-Union; Perilunate Dislocations and Fracture Dislocations April 24-27, 1998 Winston-Salem, NC.

Visiting Professor and J.C. Kennedy Lecturer, The University of Western Ontario May 1999

Visiting Professor University of Pittsburgh 1) Total Elbow Arthroplasty, 2) Kienbock's Disease: November 5-7,1999

Visiting Professor: Alvin Ingram-A. Hoyt Crenshaw Memorial Lecturer at the Campbell Foundation Memphis Tennessee 1) Total Elbow Replacement, 2) Kienbock's Disease, Rationale for Treatment May 12-13, 2000.

Guest Speaker of the Royal College of Physicians and Surgeons of Canada, Canadian Society for Surgery of the Hand: Kienbock's Disease: Rationale for Treatment. Presidential Address: Mal-Union and Non-Union of the Scaphoid: Current Options. Edmonton, Canada June 3,2000.

Guest Lecturer: The Fifth Annual Daniel Riordan  
Lectureship in Surgery of the Hand and Upper Extremity

1. Kienbock's Disease of the Carpal Lunate: Rationale for Treatment.
  2. Carpal Scaphoid Fractures: Fracture, Non-Union, and Mal Union Treatment.
  3. Total Elbow Arthroplasty.
  4. Distal Radius Fracture Treatment What Has Changed Since My Residency?
- Department of Orthopaedic Surgery, Tulane University School of Medicine, New Orleans, Louisiana December 1-2, 2000.

2001 Smith Day Visting Lecturer Boston, MA 5/2-3-2001

1. **Oration:** Kienbock's Disease: Rationale for Treatment
2. **Lecture:** Distal Radioulnar Joint Problems with Distal Radius Fractures
3. **Combined Orthopaedic Grand Rounds:** Non-Unions and Mal-Unions of the Scaphoid

Visiting Professor University of Pittsburgh: Carpal Instability; Kienbock's Disease; Vascular Injuries in the Throwing Athlete. May 22-23, 2001.

Robert S. Ochner Memorial Lecturer: 1. Fractures of the Distal Radius; 2. Vascular Injury in the Throwing Athlete; 3. Carpal Instability. UMDNJ, June 21, 2001.

Charles Gregory Visiting Professorship

1. Fractures of the Distal Radius
  2. DRUJ Problems Associated with Fractures and Malunions of the Distal Radius
- Dallas, Texas May 10, 2002

Lahey Clinic Visiting Professor: Surgical Alternatives to Total Elbow Replacement in the Young Patient  
May 22, 2002

UCLA Grand Rounds Visiting Professor: 1) Fractures and Dislocations of the Elbow, 2) Fractures of the Distal Radius 3) Total Elbow Replacement, Los Angeles, California  
June 6-7, 2003

J. Albert Key Distinguished Visiting Professor, Washington University in St. Louis; Fracture Dislocations of the Elbow  
June 20, 2003

Jefferson Orthopaedic Society Visiting Professor: Gartland Oration: Orthopaedic Surgeons: Attitudinal Changes Over Five Generations, Philadelphia, PA May 7, 2004

Visiting Professor, Seattle Hand Group: 1) Dirstine Lecture: Scaphoid Fractures: Nonunion and Malunion 2) Advances in the Treatment of Distal Radius Fractures Seattle, WA May 12-13, 2004

Visiting Professor, University of Pittsburgh, Division of Plastic Surgery Resident Research Day and Grand Rounds 1) Fractures and nonunion of the scaphoid 2) My Ten Worst Operations 3) Carpal Instability June 1-2, 2004 Pittsburgh, Pa.

Visiting Professor, The University of Utah, Grand Rounds January 16-17, 2007

Visiting Professor, Massachusetts Orthopaedic Association Treating Distal Radius Fractures April 11, 2007

## **PUBLICATIONS:**

### **Articles:**

1. Weiland, AJ: The Effect of Allopurinol on the Renal Tubular Mechanisms for the Excretion of Uric Acid. BOWMAN GRAY SCHOOL OF MEDICINE JOURNAL June 1968.
2. Grant, T; Weiland, AJ: The Treatment of Metastatic Fractures Using Internal Fixation and Methylmethacrylate. JOURNAL OF MEDICAL AND CHIRURGICAL FACULTY OF MARYLAND February 1975; 24:38.
3. Meyer, S; Weiland, AJ; Willenegger, H: The Treatment of Infected Nonunions of Fractures of Long Bones. THE JOURNAL OF BONE AND JOINT SURGERY September 1975; 57-A:836-842.
4. Kleinert, J; Weiland, A: Syllabus on Nerve Lacerations in the Hand; Flexor Tendon Lacerations of the Hand; Replantation of Digits. Southern Medical Association Meeting; Miami, Florida; November 17-18, 1975.
5. Weiland, AJ; Robinson, H; Futrell, J: External Stabilization of a Replanted Upper Extremity: Case Report. THE JOURNAL OF TRAUMA March 1976; 16:239-241.
6. Weiland, AJ; Lister, G; Villarreal-Rios, A: Volar Fracture Dislocations of the Second and Third Carpometacarpal Joint Associated with Acute Carpal Tunnel. THE JOURNAL OF TRAUMA August 1976; 16:672-675.
7. Weiland, AJ; Villarreal-Rios, A; Kleinert, H; Kutz, J; Atasoy, E; Lister, G: Replantation of Digits and Hands: Analysis of Surgical Techniques and Functional Results in 71 Patients with 86 Replantations. JOURNAL OF HAND SURGERY January 1977; 2:1-12.

8. Weiland, AJ; Daniel, R; Riley, L: Application of the Free Vascularized Bone Graft in the Treatment of Malignant or Aggressive Bone Tumors. THE JOHNS HOPKINS MEDICAL JOURNAL March 1977; 140:85-96.
9. Daniel, RK (Weiland, AJ): Free Rib Transfer by Microvascular Anastomosis. PLASTIC AND RECONSTRUCTIVE SURGERY May 1977; 59:737-738.
10. Berg, H; Weiland, A: Multiple Osteogenic Sarcoma Following Bilateral Retinoblastoma. JOURNAL OF BONE AND JOINT SURGERY March 1978; 60-A:251253.
11. Weiland, A; Villarreal-Rios, A; Kleinert, H; Kutz, J; Atasoy, E; Lister, G: Replantation of Digits and Hands: Analysis of Surgical Techniques and Functional Results in 71 patients with 86 Replantations in MICROVASCULAR SURGERY AND LIMB REPLANTATION. CLINICAL ORTHOPAEDICS AND RELATED RESEARCH June 1978; 133:195-204.
12. Weiland, A; Meyer, S; Tolo, V; Berg, H; Mueller, J: Surgical Treatment of Displaced Supracondylar Fractures of the Humerus in Children: Analysis of 52 Cases with a 5-15 Year Follow-up. JOURNAL OF BONE AND JOINT SURGERY July 1978; 60-A:657-661.
13. Pezeshki, C; Weiland, AJ: Bilateral Dorsal Dislocation of the Radio-Ulnar Joint. JOURNAL OF TRAUMA September 1978; 18(9):673-676.
14. Weiland, AJ; Daniel, RK: Microvascular Anastomoses for Bone Grafts in the Treatment of Massive Defects in Bone. JOURNAL OF BONE AND JOINT SURGERY January 1979; 61-A(1):98-104.
15. Weiland, A; Kleinert, J; Kutz, J.; and Daniel, R.: Vascularized Bone Grafts in Reconstructive Surgery of the Upper Extremity. JOURNAL OF HAND SURGERY March 1979; 4(2):129-144.
16. Tolo, VT; Weiland, AJ: Unsuspected Atlas Fracture in Oropharyngeal Injury. JOURNAL OF TRAUMA April 1979; 19(4):278-280.
17. Moore, JR; Weiland, AJ: Heparin-induced thromboembolism: A case report. JOURNAL OF HAND SURGERY July 1979; 4(4):382-385.
18. Moore, JR; Weiland, AJ: Bilateral Attritional Rupture of the Ulnar Nerve at the Elbow. JOURNAL OF HAND SURGERY July 1980; 5(4):358-360.
19. Weiland, AJ; Daniel, RK: Congenital Pseudoarthrosis of the Tibia: Treatment with Vascularized Autogenous Fibular Grafts. A Preliminary Report. THE JOHNS HOPKINS MEDICAL JOURNAL 1980; 147(3):87-93.
20. Weiland, AJ: Vascularized Free Bone Transplants (Current Concepts Review). JOURNAL OF BONE AND JOINT SURGERY January 1981; 63-A(1):166-169.
21. Weiland, AJ; Berggren, A: Regional Cortical Blood Flow Measured by the Hydrogen Washout Technique in Composite Canine Rib Grafts Revascularized by Microvascular

Anastomoses. THE INTERNATIONAL JOURNAL OF MICROSURGERY March 1981; 3(1):13-18.

22. Berggren, A; Weiland, AJ; Ostrup, L; Dorfman, H: The Effects of Storage Media and Perfusion on Osteoblast and Osteocyte Survival in Free Composite Bone Grafts. JOURNAL OF MICROSURGERY June 1981; 2:273-82.

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Independent Index Extension Following Extensor Indicis Proprius Transfer. American Society for Surgery of the Hand Annual Meeting; Las Vegas, Nevada; January 21, 1985; A.J. Weiland.

Microvascular Surgery and Biology. Orthopaedic Research Society Science Lecture (Invited); Thirty-first Annual Meeting of the Orthopaedic Research Society; Las Vegas, Nevada; January 22, 1985

Vascularized Bone Allografts: Characteristics of Minor Histocompatibility Differences. Thirty-first Annual Meeting of the Orthopaedic Research Society; Las Vegas; January 23, 1985; Y. Gotfried; M.J. Yaremchuk; M.A. Randolph; A.J. Weiland

Molded Vascularized Osteoneogenesis. Thirty-first Meeting of the Orthopaedic Research Society; Las Vegas, Nevada; January 23, 1985; H. Nettelblad; M.A. Randolph; L.T. Ostrup; A.J. Weiland

Vascularized Fibular Grafts in the Treatment of Congenital Pseudarthrosis: A Preliminary Report. Fifty-second Annual Meeting of the American Academy of Orthopaedic Surgeons; Las Vegas, Nevada; January 28, 1985; A.J. Weiland; V.T. Tolo; J.R. Moore (V.T. Tolo, presenting)

Physiology and Biomechanical Properties of Bone Healing, Autografting, and Allografting. Lower Extremity Trauma Symposium--Plastic Surgery Educational Foundation; Steamboat Springs, Colorado; March 18, 1985

Management of Bony Defects in the Lower Extremity. Lower Extremity Trauma Symposium--Plastic Surgery Educational Foundation; Steamboat Springs, Colorado; March 19, 1985

Nerve Injuries: Timing and Repair. Complicated Problems in Hand Surgery--American Society for Surgery of the Hand; Snowmass, Colorado; March 26, 1985

Scaphoid Nonunion and Malunion. Complicated Problems in Hand Surgery--American Society for Surgery of the Hand; Snowmass, Colorado; March 26, 1985

Thumb Reconstruction: Microsurgical. Complicated Problems in Hand Surgery American Society for Surgery of the Hand; Snowmass, Colorado; March 29, 1985

Microsurgical Thumb~ Reconstruction. Treatment of Open Fractures--Instituto Asepeyo; Madrid, Spain; April 25, 1985

Free Vascularized Bone Grafts. Treatment of Open Fractures--Instituto Asepeyo; Madrid, Spain; April 26, 1985

Fractures of the Distal Humerus. Treatment of Open Fractures--Instituto Asepeyo; Madrid, Spain; April 27, 1985

Free Tissue Transfer for Osteomyelitis. Treatment of Open Fractures--Instituto Asepeyo; Madrid, Spain; April 27, 1985

Conservative Management of Vasospastic Disorders. Vascular Disease and Injuries in the Upper Limb--American Society for Surgery of the Hand; Baltimore, Maryland; May 10, 1985

Valgus Stabilizers of the Elbow. AOA Residents Conference-American Orthopaedic Association; R.Hotchkiss, AJ Weiland: New Orleans, Louisiana; May 11, 1985

A Detailed Histologic and Histochemical Analysis of the Acute Rejection of Vascularized Bone Allografts. Ninety-eighth annual Meeting of the American Orthopaedic Association; Coronado, California; June 12, 1985; A.J. Weiland; Y. Gotfried; M.J. Yaremchuk; M.A. Randolph; L.H. Riley, Jr.

Replantation and Revascularization. Main Orthopaedic Review course; Waterville, Maine; June 28, 1985

Nerve and Vascular Repair Associated with Fracture. Main Orthopaedic Review Course; Waterville, Maine; June 28, 1985

A Detailed Histologic and Histochemical Analysis of the Acute Rejection of Vascularized Bone Allografts. Annual Meeting of the International Society for Reconstructive Microsurgery; Paris, France; July 2, 1985; A.J. Weiland; J.R. Moore (Presenter); Y. Gotfried; M.J. Yaremchuk; M.A. Randolph

Surgical Management of Chronic Osteomyelitis. McGill Annual Review Course in Adult Orthopaedics; Montreal, Quebec, Canada; October 21, 1985

Vascularized Bone and Muscle Flaps in the Treatment of Post-Traumatic Osteomyelitis. Eastern Orthopaedic Association; Boca Raton, Florida; October 18, 1985; J.R. Moore; A.J. Weiland

Electron Microscopic Observations in Revascularized Bone Allografts Immunosuppressed with Cyclosporine. American Society for Reconstructive Microsurgery Annual Meeting; New Orleans, Louisiana; February 14, 1986. M. Randolph (Presenter)

Prolonging Survival in Vascularized Bone Allograft Transplantation Without Chronic Immunosuppression: Developing Specific Immune Unresponsiveness. American Society for Reconstructive Microsurgery Annual Meeting; New Orleans, Louisiana; February 14, 1986. M. Yaremchuk (Presenter)

The Role of Cyclosporine in Experimental Vascularized Bone Allografting. American Society for Reconstructive Microsurgery Annual Meeting; New Orleans, Louisiana; February 14, 1986. J. Paskert (Presenter)

The Role of Oxygen Free Radicals in the Reperfusion Injury of Ischemic Revascularized Bone Grafts. American Society for Reconstructive Microsurgery Annual Meeting; New Orleans, Louisiana; February 14, 1986. J.R. Moore

(Presenter)

The Role of Cyclosporine in Experimental Vascularized Bone Allografting. American Society for Surgery of the Hand Annual Meeting; New Orleans, Louisiana; February 16, 1986. J. Paskert (Presenter)

The Role of Oxygen Free Radicals in the Reperfusion Injury of Ischemic Revascularized Bone Grafts. American Society for Surgery of the Hand Annual Meeting; New Orleans, Louisiana; February 16, 1986. A-P.C. Weiss (Presenter)

Vascular Reconstruction Panel. American Society for Surgery of the Hand Annual Meeting; New Orleans, Louisiana; February 17, 1986

Prolonging Survival in Vascularized Bone Allograft Transplantation Without Chronic Immunosuppression: Developing Specific Immune Unresponsiveness. Orthopaedic Research Society Annual Meeting; New Orleans, Louisiana; February 18, 1986. J. Paskert (Presenter)

Humeral Shaft Nonunions. American Shoulder Elbow Surgeons Annual Meeting; New Orleans, Louisiana; February 19, 1986. W. Healy (Presenter)

Valgus Stability of the Elbow. American Shoulder Elbow Surgeons Annual Meeting; New Orleans, Louisiana; February 19, 1986. R. Hotchkiss (Presenter)

Capitellocondylar Total Elbow Replacement: Long-Term Follow-up. American Shoulder Elbow Surgeons Annual Meeting; New Orleans, Louisiana; February 19, 1986. R. Wills (Presenter)

Nonconstrained Total Shoulder Arthroplasty: An Eight-Year Experience. American Shoulder Elbow Surgeons Annual Meeting; New Orleans, Louisiana; February 19, 1986. M. Adams (Presenter)

Fate of Vascularized Bone Grafts (Kappa Delta Presentation). American Academy Orthopaedic Surgeons Annual Meeting; New Orleans, Louisiana; February 20, 1986. Humeral Shaft Nonunions. American Academy of Orthopaedic Surgeons Annual Meeting; New Orleans, Louisiana; February 23, 1986. W. Healy (Presenter)

Efficacy of Free Tissue Transfer for Osteomyelitis. National University of Singapore; Singapore; May 16-27, 1986

Free Vascularized Bone Grafts in the Upper and Lower Extremities--Including our Experience with Congenital Pseudarthrosis. National University of Singapore; Singapore; May 16-27, 1986

Total Shoulder Replacement. National University of Singapore; Singapore; May 16-27, 1986

Vascularized Allograft Transplantation in a Genetically Defined Model. National University of Singapore; Singapore; May 16-27, 1986

Factors Affecting the Survival of Free Vascularized Bone Grafts. National University of Singapore; Singapore; May 16-27, 1986

Valgus Stabilizers of the Elbow. National University of Singapore; Singapore; May 16-27, 1986

Microsurgical Thumb Reconstruction. National University of Singapore; Singapore; May 16-27, 1986

Timing and Repair of Peripheral Nerve Injuries. National University of Singapore; Singapore; May 16-27, 1986

Internal and External Fixation of Hand Fractures. National University of Singapore; Singapore; May 16-27, 1986

Conventional Treatment of Nonunions of Long Bones. National University of Singapore; Singapore; May 16-27, 1986

Treatment of Scaphoid Fractures. National University of Singapore; Singapore; May 16-27, 1986

Fractures of the Distal Humerus. National University of Singapore; Singapore; May 16-27, 1986

Current Status of Microsurgical Research. The Chinese University of Hong Kong; Shating, Hong Kong; May 28-31, 1986

Clinical Experience in Composite Tissue Replacement. The Chinese University of Hong Kong; Shating, Hong Kong; May 28-31, 1986

Free Vascularized Bone Grafts in Orthopaedic Surgery. Forty-third Congress of the Scandinavian Orthopaedic Association; Trondheim, Norway; June 13, 1986

Replantation and Revascularization. Maine Orthopaedic Review Course; Manchester, Maine; June 27, 1986

Nerve and Vascular Repair Associated with Fracture. Maine Orthopaedic Review Course; Manchester, Maine; June 27, 1986

Vascularized Bone Allografts: In Vitro Assessment of the Cell-Mediated and Humeral Responses. Thirty-third Annual Meeting of the Orthopaedic Research Society; San Francisco, California; January 19, 1987. P.C. Innis (Presenter)

Vascularized Bone Allografting: The Effect of Cyclosporine in an Orthotopic Rat Model. Thirty-third Annual Meeting of the Orthopaedic Research Society; San

Francisco, California; January 19, 1987. S. Kesmarky (Presenter)

Vascularized Bone Grafts (Session Moderator). Thirty-third Annual Meeting of the Orthopaedic Research Society; San Francisco, California; January 19, 1987

Scaphoid Fractures, Non-unions, and Wrist Fractures (Panel Member). Winter Meeting, American Society for Surgery of the Hand; San Francisco, California; January 19-21, 1987

Complications Following Groin Flaps to the Upper Extremity by Drs. Johnson, Wood, and Cooney (paper discussion). Annual Meeting of the American Academy Orthopaedic Surgeons; San Francisco, California; January 22-27, 1987

Free Vascularized Bone Grafting in Reconstructive Surgery. University of Southern California; Los Angeles, California; March 30, 1987

Free Vascularized Bone Graft in Management of Large Skeletal Defects. Girdlestone Society Meeting; Baltimore, Maryland; April 29 -May 2, 1987

Vascularized Fibular Grafts in the Treatment of Congenital Pseudarthrosis. The Orthopaedic Associations of the English-Speaking World Eighth Combined Meeting; Washington, DC; May 3-8, 1987; Weiland, AJ; Moore, JR; and Tolo, VT

External Fixation for Major Skeletal Trauma--Panel Discussion. The Orthopaedic Associations of the English-Speaking World Eighth Combined Meeting; Washington,DC; May 3-8, 1987

Fate of Vascularized Bone Grafts. Symposium on Bone Transplantation: Update on Osteochondral Auto- and Allografting; M.E. Muller Foundation; Berne, Switzerland; May 14-16, 1987

Experimental Vascularized Bone Allograft Transplantation. Symposium on Bone Transplantation: Update on Osteochondral Auto- and Allografting; M.E. Muller Foundation; Berne, Switzerland; May 14-16, 1987. M.J. Yaremchuk (Presenter)

The Role of Vascularized Autografts in Septic Bone Defects. Symposium on Bone Transplantation: Update on Osteochondral Auto- and Allografting; M.E. Muller Foundation; Berne, Switzerland; May 14-16, 1987

Target Cells in Vascularized Allografts. Symposium on Bone Transplantation: Update on Osteochondral Auto- and Allografting; M.E. Muller Foundation; Berne, Switzerland; May 14-16, 1987. Y. Gotfried (Presenter)

Cell-Mediated and Humeral Immune Responses to the Components of Vascularized Composite Tissue Allografts. Thirty-second Annual Meeting of the Plastic Surgery Research Council; Boston, Massachusetts; May 1987. W.P.A. Lee (Presenter)

Total Upper Extremity Arthroplasty and Elbow Salvage. Seventh Annual Congress of the National Association of Orthopaedic Nurses; Baltimore, Maryland; June 1, 1987

Vascularized Bone Allografting: The Effect of Cyclosporine in an Orthotopic Rat Model. Twenty-first Annual Meeting of the Canadian Orthopaedic Research Society; London, Ontario, Canada; June 14-17, 1987. S. Kesmarky (Presenter)

Replantation and Revascularization. Maine Orthopaedic Review Course; Waterville, Maine; June 26, 1987.

Nerve and Vascular Repair Associated with Fracture. Maine Orthopaedic Review Course; Waterville, Maine; June 26, 1987

Complications of the Essex-Lopresti Lesion. Forty-second Annual Meeting of the American Society for Surgery of the Hand; San Antonio, Texas; September 9-12, 1987. R.N. Hotchkiss (Presenter)

The Application of Magnetic Resonance Imaging to Ischemic Necrosis of the Lunate. Forty-second Annual Meeting of the American Society for Surgery of the Hand; San Antonio, Texas; September 9-12, 1987. D.T. Sowa (Presenter)

Soft Tissue Reconstruction in Rheumatoid Arthritis (Panel). Forty-second Annual Meeting of the American Society for Surgery of the Hand; San Antonio, Texas; September 9-12, 1987

Vascularized Bone Allografting: The Effect of Cyclosporine in an Orthotopic Rat Model. Third Annual Meeting of the American Society for Reconstructive Microsurgery; San Antonio, Texas; September 12-13, 1987. M.A. Randolph (Presenter)

Vascularized Bone Allografts: In Vitro Assessment of the Cellular and Humeral Immune Responses. Third Annual Meeting of the American Society for Reconstructive Microsurgery; San Antonio, Texas; September 12-13, 1987. P.C. Innis (Presenter)

Free Fibular Transfer for Reconstruction of the Lower Extremity. International Symposium on New Techniques of Heterotopic Reconstruction; Department of Surgery, University of Bonn; Bonn, F.R. of Germany; October 16-17, 1987. M.J. Yaremchuk (Presenter)

The Pathomechanics of Proximal Migration of the Radius Following Radial Head Resection. Sixth Annual Meeting of the American Shoulder and Elbow Society; Orlando, Florida; November 18-22, 1987

Immunologic and Ultrastructural Changes During Early Rejection of Composite Tissue Allografts. Thirty-fourth Annual Meeting of the Orthopaedic Research Society; Atlanta, Georgia; February 1, 1988. M.F. Gornet (Presenter)

Cell-Mediated and Humeral Immune Responses to the Components of Vascularized Limb Allografts. Thirty-fourth Annual Meeting of the Orthopaedic Research Society; Atlanta, Georgia; February 1, 1988. M.A. Randolph (Presenter)

Microsurgical Thumb Reconstruction. Advanced Course in Hand Surgery, Derbyshire Royal Infirmary; Derby, England; June 13-17, 1988

Techniques of Arthrodesis in the Hand. Advanced Course in Hand Surgery, Derbyshire Royal Infirmary; Derby, England; June 13-17, 1988

Determination of the Zone of Injury in High-Energy Fractures by Magnetic Resonance Imaging Spectroscopy; 43rd Annual Meeting of the American Society for Surgery of the Hand; Baltimore, Maryland; September 14-17, 1988

Kienbock's Disease - Resurfacing of the Dorsum of the Hand, Treatment of Multiple Extensor Tendon Ruptures (Panel); 43rd Annual Meeting of the American Society for Surgery of the Hand; Baltimore, Maryland; September 14-17, 1988

Soft Tissue Reconstruction in Rheumatoid Arthritis (Panel); 43rd Annual Meeting of the American Society for Surgery of the Hand; Baltimore, Maryland; September 14-17, 1988

Oxygen Radical Scavengers Improve Vascular Patency and Bone/Muscle Cell Survival in an Ischemic Extermity Replant Model; (A-PC Weiss, Presenter);43rd Annual Meeting of the American Society for Surgery of the Hand; Baltimore, Maryland; September 14-17, 1988.

Quantifying the Effect of Ischemia on Epiphyseal Growth in an Extremity Replant Model; (A-PC Weiss, Presenter; 44th Annual Meeting of the American Society for Surgery of the Hand; Seattle, Washington; September 13-16, 1989.

Lifetime Medical Television-Orthopedic Surgery Show: "Free Tissue Transfer for Limb Reconstruction." Astoria, New York March 30, 1990.

The 12th Internal Symposium of the Center for Implant Surgery, April 3-5, 1990, Haifa, Israel:1) Experimental Bone Allograft Transplants 2) Clinical Applications of Vascularized Bone Autografts.

The 8th Advanced Course on Hand Surgery, April 9-13, 1990, Brescia, Italy: 1) Techniques for Arthrodesis of the Hand 2) Internal Fixation of Hand Fractures 3) Basal joint arthroplasty (videotape). 4) Microsurgical Thumb Reconstruction

Tenth Annual Kenneth G. Burton Lecture Series May 18-19,1990, Providence, Rhode Island "Free tissue Transfer for the Treatment of Osteomyelitis"

Hand Study Society Annual Meeting Camden, Maine 8/1-8/5/90; Vascular supply to the TFCC

American Society for Surgery of the Hand 45th Annual Meeting, Toronto, Canada September 24-27, 1990 (1)Discusser: Capitate Shortening as a Treatment for Early Kienbock's Disease (2) Presented: Preiser's Disease: A report of ten cases.

J. William Hillman Visiting Professor, Vanderbilt University October 24-27, 1990 1)Free Vascularized Bone Grafts in the Treatment of Segmental Bone Defects; 2)Radial Shortening for Kienbock's Disease and Scaphoid Nonunions; 3)Internal fixation of Fractures of the Hand 4) Free Tissue Transfer in the Treatment of Chronic Osteomyelitis.

American Society for Surgery of the Hand Instructional Course Lectures, Snowbird, Utah 3/24-3/29/91. 1)Moderator-Scientific Session-Short Oblique Metacarpal Fractures. 2) Metacarpal Fractures with Cast Presentations. 3) Tension Band Plate Principles 4) Metacarpal Fractures. 5) Distal Radius Fractures-External Fixation. 6) Distal Radius Fractures with Cast presentations. 7) Scaphoid Fractures-Nonunion: Anatomy, Classification and Problems. 8) Vascularized Bone Graft in the Upper Extremity.

International Symposium on Musculoskeletal Allografts: Musculoskeletal Transplant Foundation, Washington, D.C. April 18-21, 1991. Biology of Vascular Bone Grafts.

American Shoulder and Elbow Surgeons-10th Annual Meeting: Vascularized Fibular Bone Graft for Reconstruction Following Osteogenic Sarcoma Resection of the Proximal Humerus. September 4-7, 1991 Seattle, WN.

American Society for Reconstructive Microsurgery 7th Annual Meeting, Orlando, Florida Scientific Session-Free Tissue and Osteocutaneous Transfer: Vascularized Fibular Bone Graft for Reconstruction Following Osteogenic Sarcoma Resection of the Proximal Humerus. Raskin and Weiland September 28, 1991.

American Society for Surgery of the Hand 46th Annual Meeting Orlando Florida Scientific Abstract: "Osteoid Osteoma of the Upper Extremity" Michael Bednar, M.D. October 1991

New York Academy of Medicine "Vascularized Bone Grafting. Andrew J. Weiland April 6, 1992.

65th Japanese Orthopaedic Association Meeting-Fukuoka, The Riddle's of Kienbock's Disease. Japan April 16-20, 1992.

Fifth International Congress on Hand Surgery: Radial Shortening for Kienbock's Disease. Paris May 25, 1992.

Transplantation Techniques: Toward Clinical Realization of Vascularized Limb Tissue Allografts, Munich May 29, 1992.

Symposium: Management of Type III Extremity Fractures, Moderator: William W. Shaw, M.D.; Panelists: Warren Breidenbach, Jesse Jupiter, Andrew J. Weiland. Published in Contemporary Orthopaedics August 1992 Vol 25, No.2 pg. 183-210.

Operative Management of Carpal Tunnel Syndrome: A Comparative Study of Open and Endoscopic Methods of Transverse Carpal Ligament Release JG Seiler, RH Gelberman, AJ Weiland, JR Urbaniak, JA Nunley. Presented at ASSH 47th Annual Meeting Phoenix, Arizona November 1992.

Mid America Orthopaedic Association: Classics in Orthopaedics, "Free Tissue Transfer for Osteomyelitis April 28-May 2, 1993 Hilton Head, South Carolina.

9th Annual Meeting of the Greek Microsurgical Meeting: 1) Free Tissue Transfer in Extremity Reconstruction. 2) Experimental Aspects of Vascular Bone Allografts. Kalabaka, Greece May 7, 1993.

AOA 106th Annual Meeting: The Role of Technology Training in Resident and Fellow Education: *Technology Training is Unavoidable in Resident and Fellow Education* San Diego, CA June 8, 1993.

AAOS 61st Annual Meeting: Symposium: Fracture Dislocations of the Wrist. February 28, 1994 New Orleans

AAOS 61st Annual Meeting: Use of Magnetic Resonance Imaging in the Evaluation of Wrist Disorders Paper # 411 2/28/94 New Orleans; Paper # 331 Treatment of the Problem PIPJ with Dynamic Hinged External Fixation; Paper #9 Treatment of Severe Elbow Contractures Using the Concepts of Ilizarov

Orthopaedic Research Society 40th Annual meeting Poster Session: The Application of rhBMP-2 To Subcutaneously Placed Titanium Porous-Coated Implants February 21, 1994.

Combined Meeting Hellenic and American Societies for Surgery of the Hand June 13-16, 1994 Corfu, Greece 1) Rationale for Open Carpal Tunnel Release 2) Extra carpal and mid carpal instability 3) Intrinsic mid carpal instability 4) Treatment of Problem PIPJ with Dynamic Hinged External Fixation.

AAOS Paper Presentation: A New Extended Exposure of the Posterior Humerus, Michelle Gerwin, Robert Hotchkiss, Andrew Weiland. February 20, 1995 Orlando, Fla.

AAOS Paper Presentation: Repair of UCL Injuries to the thumb metacarpophalangeal joint with a suture anchor. Drs. Berner, Weiland, McCormack, Hotchkiss and Gerwin February 18, 1995 Orlando, Fla.

AAOS Poster Presentation: The Quadrilateral Space Syndrome: Diagnosis, Pathology and Treatment. Benisse Lester, Glen Shapiro, Andrew Weiland, Thomas Wickiewicz February 18, 1995 Orlando, Fla.

Art of Baseball Injury Management, The Hospital for Special Surgery sponsored by the NYS Athletic Trainers Association: Hand and Wrist Injuries February 25, 1995.

Presidential Guest Lecturer, New York Society for Surgery of the Hand: Mid Carpal Instability March 7, 1995.

International Federation of Societies for Surgery of the Hand: Paper Presented on Osteoid Osteoma of the Upper Extremity. Presenter: Dr. Michael Bednar. Helsinki, Finland July 1995.

ASSH 50th Annual Meeting: Talk on Then and Now given on September 14, 1995 San Francisco.

ASSH 50th Annual Meeting: How to Become a Hand Surgeon: The History and Development of the CAQ September 13, 1995 San Francisco.

Roosevelt Hospital Grand Rounds: Fractures of the Distal Radius December 10, 1996

American Society of Plastic and Reconstructive Surgeons: Cumulative Trauma Disorders: The Surgeons Role; Endoscopic Carpal Tunnel Release October 9, 1995 Montreal, Canada

Eastern Orthopaedic Association: Presentation, Management of Infected Shoulder Arthroplasties: Kalainov DM, Bisson LJ, Brause BD, Figgie MP, Weiland AJ. October 13, 1995, Rome, Italy.

American Shoulder and Elbow Surgeons Closed Meeting: Management of Complex Wounds After Infected Rotator Cuff Repair October 21, 1995 LaQuinta, CA.

American Austrian Foundation: 1. Distal Radial Fractures, 2. Scaphoid Fractures Including Non Union, 3. Wrist Instability, Patterns of Injury and Treatment. October 22-25, 1995 Salzburg, Austria.

Department of Surgery Grand Rounds Operative Hand Injuries and Reimplantation New York Hospital-CUMC February 14, 1996

American Academy of Orthopaedic Surgeons: Papers Presented: Interobserver Reliability of Distal Radius Fracture Classifications, 2) Necessity of Tendon Interposition in Basal Joint Arthroplasty with Ligament Reconstruction February 1996 Atlanta, GA.

American Academy of Orthopaedic Surgeons: Moderator Upper Extremity Elbow February 23, 1996 Atlanta

ASSH-JSSH Meeting: Panel Presentation on Kienbock's Disease: Weiland AJ, Nakamura R, Trumble TE and Yajima H. March 20, 1996 Maui, Hawaii.

ASSH-JSSH Scientific Session: Interobserver Reliability of Distal Radius Fracture Classifications: Moran, TP, Gerwin M, Weiland AJ, Hotchkiss RN. March 21, 1996 Maui, Hawaii.

ASSH-JSSH Scientific Session: The Use of Multiplanar External Fixation in the Treatment of Unstable Fractures of the Distal Radius: Sherman PJ, Wright JM, Gerwin M, Weiland AJ March 21, 1996 Maui, Hawaii.

American Orthopaedic Association 109th Annual Meeting: Plenary Session 1 Bones to Order-The Effect of BMP and Bone Marrow on a Molded Vascularized Bone Graft June 9, 1996; Plenary Session 2 Co-Moderator. Colorado Springs, CO. June 8-11, 1996.

Hospital for Special Surgery 78th Annual Alumni Meeting: 1)Moderator Scientific Session, 2) The Use of Multiplanar External Fixation in the Treatment of Unstable Fractures of the Distal Radius.

Rocky Mountain Hand Surgery Society: Fractures of the Distal Radius April 10, 1997 Denver, Colorado

Misrepresentations of Publications by Applicants for Orthopaedic Surgery Fellowship: Does the problem exist? G.S.DiFelice, AJ Weiland, LE Match Presented at the Eastern Orthopaedic Association October 1997, Scottsdale, Arizona

Fractures and Dislocations of the Elbow, Shoulder and Wrist: Mayo Clinic Rochester Course: Radial Head Instability/Olecranon Fracture; Non Union of the Scaphoid; Perilunate Dislocations and Fracture Dislocations April 16-18, 1998, Phoenix, Arizona.

The Littler-Eaton Society: Problems of the Distal Radius Ulnar Joint Associated with Fractures of the Distal Radius May 2, 1998.

President's Address Beyond Fear-Forging a New Path AOA Speech delivered at 111<sup>th</sup> Annual Meeting AOA June 1998 Asheville, NC

Neurilemoma: Experience with 76 Cases and a Review of the Literature, 111<sup>th</sup> Annual Meeting Asheville, NC June 1998.

British Orthopaedic Association: Co-chair Scientific Session Free Paper Session 10/7/98 Dublin, Ireland.

Australian Orthopaedic Association: Presentation of Papers 1. Neurilemoma: Experience with 76 cases and a review of the literature. 2. Treatment of Distal Radial Intra-Articular Malunions with Osteotomy: Review of 30 cases. Cairns, Australia October 11-16,1998.

Orthopaedic Grand Rounds Lenox Hill Hospital, New York: Fractures of the Scaphoid November 30, 1998.

Past, Present and Future of the ABOS: Talk at Forum for Young Orthopaedic Surgeons 2/6/99 Anaheim, Ca.

ASES Specialty Day on Elbow: Discussion of two papers Anaheim, CA 2/7/99

Orthopaedic Trauma Association Debate with Jesse Jupiter: Displaced fracture of the distal radius-Anatomical Reduction and Plate Fixation is the Treatment of Choice  
Anaheim, CA 2/7/99

Visting Professor Lecturer: Fractures of the Distal Radius The University of Western Ontario Canada 5/7/99. Kennedy Memorial Lecture: Kienbock's Disease-Rationale for Treatment 5/7/99;

University of Western Ontario Residents' Day Wrist Symposium 1) Disorders of the DRUJ Associated with Fractures and Mal Unions of the Distal Radius 2) Scaphoid Fractures and Non-Unions 5/8/99.

7<sup>th</sup> Annual Symposium on Current Concepts in Shoulder and Elbow Reconstructive Surgery: 1.Radial Head and Olecranon Fractures, 2. Total Elbow Arthroplasty.  
Westchester Country Club, Rye, NY October 1, 1999

The 2<sup>nd</sup> Comprehensive Approach to Total Joint Arthroplasty: Metacarpophalangeal Joint Arthroplasty Hospital for Special Surgery, October 15,1999.

The 22<sup>nd</sup> Annual Scientific Meeting of the Singapore Orthopaedic Association:  
1.Disorders of the Distal Radial Ulnar Joint Associated with Fractures and Malunions of the Distal Radius; 2. Kienbock's Disease-Rationale for Treatment; 3. Scaphoid fractures and non-unions. October 20-23,1999 Singapore.

The 113<sup>th</sup> Annual Meeting of the American Orthopaedic Association: Symposium:  
Fractures of the Distal Radius; What has changed since my residency? The Homestead Resort, Hot Springs, Virginia June 14-17, 2000.

ASSH Poster Exhibits: 1.Total Elbow Replacement in Post Traumatic Previously Operated Distal Humerus Fractures: Scott Duncan, Michelle Gerwin-Carlson, Andrew J. Weiland. Seattle, WA, October 2000.

Management of Trauma to the Upper Extremity: ELBOW: Distal Humeral and Radial Head Fractures and Dislocations. Hospital for Special Surgery November 17, 2000

Greater NY Regional Chapter of the American College of Sports Medicine: Upper Extremity Vascular Injuries November 18, 2000.

Poster: Closed rupture of the flexor tendon pulleys in professional baseball pitchers Eric Tolo, AJW, David Altchek, Hollis Potter: AAOS Poster #PE204 2001, San Francisco.

Poster: Intra-articular Fractures of the Hand: Treatment with Open Reduction and Internal Fixation with Plates and Screws, V Tan, P.Beredjiklian, G.Lopez-Grana, AJ Weiland. ASSH 2001 Baltimore, Md.

Symposium: Distal Radius Fractures: The Evolution of Plate Design. ASSH Baltimore, Md October 5, 2001.

Management of Upper Extremity Arthritis: From Shoulder to Hand: 1.Surgical Management for the Elbow with OA/Traumatic Arthritis; 2.Surgical Alternatives in the Young Patient; Moderator: Problems and Management of Total Elbow Replacement. Philadelphia Hand Symposium March 2002.

Grand Rounds, C.V. Starr Hand Surgery Center, St.Lukes-Roosevelt Hospital: Total Elbow Replacement March 19, 2002.

Controversies and Fundamentals in Regional Anesthesia 6<sup>th</sup> Annual Symposium: Block Workshop for Wrist Block; Inter-Continental Hotel New York, April 13, 2002.

Common Controversies in Orthopaedics First Annual Surgical Symposium: Is there a role for endoscopic Release of the carpal tunnel? Open Vs. Endoscopic Carpal Tunnel Release September 28, 2002 Weill Medical College of Cornell University.

AO ASIF Principles of Fracture Management for Residents; Distal Radius Fractures East Brunswick, NJ September 27, 2002

5<sup>TH</sup> International Disal Radius Fracture Course 1) Dorsal plating: The evolution of Plate Design, 2) In situ hardening cements: Advantages and Limitations: Bone Graft Substitutes application in distal radius fractures. San Francisco, CA October 18-20, 2002.

Elbow, Wrist and Hand Injuries: Therapeutic and Surgical Management; 1)Surgical Management of Distal Radius Fractures 2) Surgical Management of TFCC tears. Rockefeller University, New York October 25-26, 2002.

AAOS 70<sup>th</sup> Annual Meeting Poster Exhibit: 2 Incision Technique for Repair of Acute Distal Biceps Tendon Ruptures, David Johnson and Andrew Weiland. February 8, 2003 New Orleans.

Elbow, Forearm and Wrist: Recent Advances 1) Fractures/Dislocation of the Elbow, 2) Total elbow arthroplasty, 3) DRUJ problems associated with fractures and malunion of the distal radius, 4) Acute Distal Radius Fractures. 39<sup>th</sup> Annual Orthopaedic Symposium St. Luke's Episcopal Hospital, Houston, Texas April 25-26, 2003.

ASSH 58<sup>TH</sup> Annual Meeting: Interactive Case Review re Distal Radius Fractures Chicago, IL September 20, 2003.

ASSH 58<sup>th</sup> Annual Meeting: Symposium II: Wrist Fracxtures: Is there rationale for treatment in 2003: Is there a place for external fixation? Chicago, IL. September 20, 2003

Jefferson Orthopaedic Soceity: Advances in Hand and Wrist Surgery: 1)Management of the DRUJ associated with fractures and malunions of the distal radius; 2)Scaphoid Nonunions May 7-8, 2004 Philadelphia, PA

AOA Symposium: Internal and External Fixation of Distal Radius Fractures: Current Concepts in management: Dorsal Plating of Distal Radius Fractures Boston, MA June 25, 2004.

Comprehensive Management of Skeletal and Soft Tissue Problems of the Hand, Wrist and Elbow February 6-11, 2005 Telluride, Colorado 1) Workshop: Osteotomy, Dorsal Plate 2) Scaphoid Fracture: Biology, Fracture Classification and Treatment 3) Interactive Case Presentations 4) Wrist: Contractures, Deformity, Therapy

ASSH-JSSH Presentation: Rupture of the RCL of the Index MCPJ: Diagnosis and surgical treatment Presented by Lana Kang, M.D. Honolulu, Hawaii March 2005

2005 Shanghai International Advanced Course in Arthroscopy and Orthopaedic Sports Medicine: TFCC and Wrist Instability in Sports Medicine May 19-21, 2005 Shanghai, China

Hospital for Special Surgery Alumni Association 88<sup>th</sup> Annual Meeting: New Techniques in Regional Anesthesia: Post operative neurologic symptom following upper extremity surgery: Surgical Prospective November 10, 2006

American Association of Hand Surgery Annual scientific meeting: Sports Injuries: How Athletes do it in a NY minute Surgical treatment: When to Fix, When to Wait. Rio Grande, Puerto Rico January 10, 2007.

American Society for Surgery of the Hand Annual meeting: Discussor at Residents and Fellows Conference; Scientific Session VII: Wrist September 26, 2007 Seattle, Wn.

American Society for Surgery of the Hand Annual meeting: Dupuytren's Advisory Board Meeting September 27, 2007 Seattle, Wn.

American Society for Surgery of the Hand Annual meeting: Poster Presentation: Postoperative Dysesthesias after trans-arterial axillary block and ultrasound guided infraclavicular block for upper extremity surgery: Tiffany Tedore, J YaDeau, D. Maalouf, S Tong-Ngok, M. Gordon and Andrew J. Weiland, M.D. September 27, 2007 Seattle, Wn.

American Society for Surgery of the Hand Annual meeting: Symposium 1: The Journal of Retraction: Repetitive Strain Injuries and cumulative trauma disorders September 28, 2007 Seattle, Wn.

American Society for Surgery of the Hand annual meeting: Symposium 9: Technical Pearls: The Masters- Biceps tendon repair and CMC arthroplasty September 29, 2007 Seattle, Wn.

American Society for Surgery of the Hand annual meeting: Instructional course #20 Hand and Wrist Injuries in Elite Athletes. September 28, 2007 Seattle, Wn.

American Society for Surgery of the Hand annual meeting: Meeting abstract: Paper 13, page 32 The Radial Nerve in the Brachium; Carlan DF, Pratt JA, Weiland AJ, Boyer MI, Gelberman RH. September 28, 2007 Seattle, Wn.

15<sup>TH</sup> Annual Symposium: Current Concepts in the Prevention, treatment and rehabilitation of injuries in the recreational and professional golfer: Identifying and treating hand injuries in the golfer October 25, 2007 Westchester Country Club, Rye, NY

New England Orthopaedic Society meeting Guest Professor: 1. Distal radius fractures, 2. Scaphoid fractures, 3. Hand and wrist sports injuries When to fix and when to wait. Boston Ma November 16-17, 2007.

From the Finger tip to the Shoulder; Acumed Course: TFCC Injuries and wrist instability, December 1, 2007 Miami Beach, Florida

Research Triangle Park Orthopaedic Society-Grand Rounds: Distal Radius Fractures, Scaphoid Fractures. Chapel Hill, NC 1/15-1/16/08

#### **INSTRUCTIONAL COURSE LECTURES:**

The Treatment of Olecranon and Proximal Radius Fractures--Course on Internal Fixation of Fractures and Nonunions, Ohio State University; Columbus, Ohio; March 12-15, 1975  
Olecranon Fractures--Course on Internal Fixation of Fractures and Nonunions; Ohio State University; Columbus, Ohio; March 3-6, 1976

Surgical Treatment of Bone Tumors--Pathology of Bone and Joints Second Postgraduate Course; Johns Hopkins University; Baltimore, Maryland April 12-16, 1976

Surgery of Rheumatoid Arthritis in the Upper Extremity--Sixth Annual Seminar for Registered Nurses in Arthritis and Connective Tissue Disease; Johns Hopkins University; Baltimore, Maryland; May, 1976

Reconstructive Surgery in Rheumatoid Arthritis--Up-Date in Rheumatology (Sponsored by the Maryland Society for Rheumatic Disease); Annapolis, Maryland; November, 1976

Applicability of AO Principles in Microsurgery and Replantation--AO Course on Internal Fixation; Davos, Switzerland; December, 1976

Trapezium Replacement--Symposium on the Basal Joint of the Thumb/Ninth Annual Peter Mack Lecture; Johns Hopkins University; Baltimore, Maryland November 12,13 1976

Treatment of Infected Nonunions--Course on Operative Treatment of Fractures and Non-Unions; Ohio State University; Columbus, Ohio; March 11-15, 1977

Surgery in Rheumatoid Arthritis--Maryland Society for Rheumatic Diseases; Baltimore, Maryland; March 8, 1977

The Treatment of Injuries of the Hand--Postgraduate Course in Trauma for Medical and Surgical Emergencies; Johns Hopkins University, Department of Surgery; Baltimore, Maryland; March 10, 1977

Treatment of Malignant Tumors of Bone--Pediatric Trends; Johns Hopkins University, Department of Pediatrics; Baltimore, Maryland; March 28 - April 2, 1977

The Surgical Treatment of Malignant Bone Tumors--Third Postgraduate Course in Pathology of Bone and Joints; Johns Hopkins University, Department of Pathology; Baltimore, Maryland; May, 1977

The Free Bone Graft--Symposium on Hand Surgery for Visiting Japanese Hand Surgeons, Union Memorial Hospital; Baltimore, Maryland; July 19-20, 1977

Microsurgery in Contemporary Surgery--Controversial Aspects of Contemporary Surgery, Fallston General Hospital; Fallston, Maryland; October 8-9, 1977

The Free Bone Graft--Operative Treatment of Fractures and Nonunions; Davos, Switzerland; December, 1977

Hand Trauma--Postgraduate Symposium in Trauma and Medical Emergencies; Johns Hopkins University, Department of Surgery; Baltimore, Maryland; March 8, 1978

Treatment of Infected Nonunions; The Internal Fixation of Hand Fractures; The Free Bone Graft--Operative Treatment of Fractures and Nonunions; Ohio State University; Columbus, Ohio; March 12-15, 1978

Microsurgery in Orthopaedics--Second Annual Advanced Microsurgery and Arterialized Flap Workshop; Eastern Virginia Graduate School of Medicine, Department of Plastic and Reconstructive Surgery; Norfolk, Virginia; March 23-26, 1978

Treatment of Nonunions--Operative Treatment of Fractures and Nonunions; University of Toronto School of Medicine; Toronto, Ontario, Canada; March 28-April 1, 1978

Replantation of Digits and Hands--Georgetown Hand Symposium; Georgetown University; Washington D.C.; April 20-21, 1978

The Treatment of Infected Nonunions--Operative Treatment of Fractures and Nonunions; Johns Hopkins University, Department of Orthopaedic Surgery; The Homestead, Hot Springs, Virginia; April 23-28, 1978

The Free Bone Graft--Fourth Annual Postgraduate Course on Pathology of Bone and Joints; Johns Hopkins University, Department of Pathology; Baltimore, Maryland; May 1-5, 1978

The Treatment of Segmental Bone Loss--Operative Treatment of Fractures and Nonunions; Davos, Switzerland; December 7-11, 1978

Reconstructive Surgery in the Upper Extremity in Rheumatoid Arthritis--Update in Rheumatology; Johns Hopkins University, University of Maryland, Maryland Society of Rheumatic Disease, The Arthritis Foundation; Baltimore, Maryland; February 16-17, 1979

Treatment of Massive Bone Defects with Free Vascularized Bone Grafts with Massive--Combined Plastic and Orthopaedic Surgery Grand Rounds; Harvard Medical Center; Boston, Massachusetts; March 16, 1979

Supracondylar Fractures in Children; Treatment of Infected Nonunions; Treatment of Hand and Wrist Injuries; Approaches to Segmental Bone Loss; Fractures and Nonunions--Operative Treatment of Fractures and Nonunions--University of Washington; Seattle, Washington; Sun Valley, Idaho; March 19-23, 1979

Experimental Results of Free Bone Grafts. American Academy of Orthopaedic Surgeons Instructional Course; Durham, North Carolina, May 24-26, 1979

Vascularized Bone Graft--American Association of Hand Surgery; Toronto, Canada; October 6-8, 1979

Replantation of Digits and Hands; Free Vascularized Bone Grafts in the Upper Extremity--Hand Symposium; Upstate Medical Center; Syracuse, New York; October 12, 1979

Fractures of the Hand Treated with a Mini Fixator; Treatment of Infected Nonunions--External Fixation: The Current State of the Art; Johns Hopkins University School of Medicine; Paradise Island, The Bahamas; November 1-4, 1979

The Role of Microsurgery in Orthopaedics; Alfred I. DuPont Institute; Wilmington, Delaware; November 26, 1979

Fractures of the Scaphoid: Acute; Difficult Injuries of the Distal Radius and Radioulnar Joint; Free Vascularized Bone Graft--Hand and Wrist Trauma Symposium; The Bone and Joint Disease Foundation and The University of California, San Diego; San Diego, California; December 6-8, 1979

Treatment of Fractures and Nonunions; Expanded Application of Microsurgery in Orthopaedics--Operative Treatment of Fractures and Nonunions; Davos, Switzerland; December 15-22, 1979

Microsurgery I and II: Applications in Reconstructive Orthopaedic Surgery--American Academy of Orthopaedic Surgeons Instructional Course; Atlanta, Georgia, February 8-9, 1980. D.S. Bright, J. Steichen, A.J. Weiland, J.R. Urbaniak (Moderator)

Microsurgery in Orthopaedics; Fractures of the Olecranon--Course on Internal Fixation of Fractures and Nonunions, University of Toronto; Toronto, Ontario, Canada; February 29 - March 2, 1980

Major Trauma to the Upper Extremity-Baltimore, Maryland March 12, 1980  
-Maryland Institute for Emergency Medical Services.

Microsurgery--Continuing Education Course for the American Academy of  
Orthopaedic Surgeons; Atlantic City, New Jersey; March 24-26, 1980

Tension Band Wiring/Perioperative Treatment, Hazards, and Results/Olecranon  
Patella; Infected Nonunions--Basic Course on Internal Fixation of Fractures and  
Nonunions; University of South Florida; San Diego, California; April 13-19, 1980

Segmental Defects of Long Bones; Treatment of Infected Nonunions--Advanced Course  
on Internal Fixation of Fractures and Nonunions; University of Florida at Tampa; San  
Diego, California; April 13-19, 1980

Suture Material; Microsurgery in Reconstruction of the Upper and Lower Extremities--  
American Academy of Orthopaedic Surgeons Instructional Course; Durham, North  
Carolina; May 19-21, 1980

The Team Concept in Replantation; Microsurgery in Reconstruction of the Upper and  
Lower Extremities--American Academy of Orthopaedic Surgeons Instructional Course;  
Durham, North Carolina; May 19-21, 1980

Free Vascularized Bone Grafts; Microsurgery in Reconstruction of the Upper and Lower  
Extremities--American Academy of Orthopaedic Surgeons Instructional Course; Durham,  
North Carolina; May 19-21, 1980

Interfascicular Nerve Grafts: Do They Indeed Work?; Microsurgery in Reconstruction of  
the Upper and Lower Extremities -American Academy of Orthopaedic Surgeons  
Instructional Course; Durham, North Carolina; May 19-21, 1980

Treatment of Forearm Fractures. Stable Internal Fixation of Fractures I; American  
Academy of Orthopaedic Surgeons Summer Institute Course; Chicago, Illinois; July 8-11,  
1980

Treatment of Infected Nonunions. Stable Internal Fixation of Fractures II; American  
Academy of Orthopaedic Surgeons Summer Institute Course; Chicago, Illinois; July 8-11,  
1980

Limb Replantation and Reconstruction. Johns Hopkins University Gross Anatomy  
Lecture; Baltimore, Maryland; October 28, 1980

Free Vascularized Bone Grafts. Johns Hopkins Hospital Surgical Grand Rounds;  
Baltimore, Maryland; November 1, 1980

Clinical Application of Free Vascularized Bone Grafts--Operative Treatment of Fractures  
and Nonunions; AO International; Davos, Switzerland; December 11, 1980

Treatment of Fractures and Nonunions--Operative Treatment of Fractures and Nonunions; AO International; Davos, Switzerland; December 7-12, 1980.

Rheumatoid Surgery of the Upper Extremity; Maryland Society of Occupational Therapists; Baltimore, Maryland; January 8, 1980

Operative Treatment of Forearm Fracture; Hospital for Joint Diseases Orthopaedic Institute; New York; New York; January 10, 1981

Microsurgery in Orthopaedics; Hospital for Joint Diseases Orthopaedic Institute; New York, New York; January 10, 1981

Current Status of Free Vascularized Bone Grafts; University of Maryland Orthopaedic Grand Rounds; Baltimore, Maryland; January 31, 1981

Major Vascular Problems in the Upper Extremity (panel); American Society for Surgery of the Hand Annual Meeting; Las Vegas, Nevada; February 23-25, 1981

Techniques in Vessel and Nerve Repair (Microsurgery I) and Application in Reconstructive Orthopaedic Surgery (Microsurgery II) (panel); American Academy of Orthopaedic Surgeons Annual Meeting; Las Vegas, Nevada; February 26-27, 1981. J.R. Urbaniak (moderator), J.A. Nunley; J.B. Steichen, A.J. Weiland

Treatment of Nonunions of Lower Extremity in Fractures: Femur, Pelvis, Nonunions, Arthrodesis (External Skeletal Fixation II) (panel); American Academy of Orthopaedic Surgeons Annual Meeting; Las Vegas, Nevada; March 3, 1981. D.C. Mears (moderator), S. Anzel, J.L. Hughes, A.J. Weiland

Functional Anatomy of the Shoulder. American Academy of Orthopaedic Surgeons; Denver, Colorado; May 21-23, 1981

Functional Anatomy of the Elbow. American Academy of Orthopaedic Surgeons; Denver, Colorado; May 21-23, 1981

What to do about a Failed Total Elbow. American Academy of Orthopaedic Surgeons; Denver, Colorado; May 21-23, 1981

Fractures of the Forearm. American Academy of Orthopaedic Surgeons Summer Institute '81; Snowbird, Utah; July 20-24, 1981

Olecranon Fractures. American Academy of Orthopaedic Surgeons Summer Institute '81; Snowbird, Utah; July 20-24, 1981

Internal and External Fixation of Hand Fractures. American Society for Surgery of the Hand, Reconstruction and Rehabilitation as Applied to Hand Trauma; Ann Arbor, Michigan; September 21-23, 1981

Microsurgery--Its Application Following Acute Trauma. American Society for Surgery of the Hand, Reconstruction and Rehabilitation as Applied to Hand Trauma; Ann Arbor, Michigan; September 21-23, 1981

Replantation Surgery. American Academy of Orthopaedic Surgeons, Continuing Education for Orthopaedic Nurses and Allied Health Professionals; Atlantic City, New Jersey; October 26-28, 1981

Nurse Assistant at Microsurgery. American Academy of Orthopaedic Surgeons, Continuing Education for Orthopaedic Nurses and Allied Health Professionals; Atlantic City, New Jersey; October 26-28, 1981.

Supracondylar Fractures of the Femur. AO Residents' Course on Internal Fixation of Fractures; The Johns Hopkins University/The Union Memorial Hospital; Baltimore, Maryland; November 21, 1981

Bone Grafting for Bone Loss Injuries in the Upper Extremity. Complex Injuries to the Upper Extremity--American Academy of Orthopaedic Surgeons; Miami Beach, Florida; December 7-9, 1981

Vascular Reconstruction in Hand Surgery. American Society for Surgery of the Hand Annual Meeting. New Orleans, Louisiana; January 18, 1982

Microsurgery I. American Academy of Orthopaedic Surgeons Instructional Course. New Orleans, Louisiana; January 22, 1982

Microsurgery II. American Academy of Orthopaedic Surgeons Instructional Course. New Orleans, Louisiana; January 22, 1982

External Skeletal Fixation in the Treatment of Non-unions. American Academy of Orthopaedic Surgeons Instructional Course. New Orleans, Louisiana; January 26, 1982

Anatomy of the Elbow Joint. Total Joint Replacement in the Upper Extremity American Academy of Orthopaedic Surgeons. Ann Arbor, Michigan; September 13, 1982

Personal Experience with Total Elbow Replacement. Total Joint Replacement in the Upper Extremity--American Academy of Orthopaedic Surgeons. Ann Arbor, Michigan; September 13, 1982

Free Vascularized Bone Grafts in the Upper and Lower Extremities in Adults. Microsurgical Applications for the Extremities--American Academy of Orthopaedic Surgeons Instructional Course. Indianapolis, Indiana; September 15, 1982

Microsurgery and its Relationship to Normal Human Anatomy. JHU Gross Anatomy Lecture. Baltimore, Maryland; November 17, 1982

Replantation of Digits and Hands--Grand Rounds, University of Ann Arbor Medical Center. Ann Arbor, Michigan; November 20, 1982

Free Soft Tissue Transfers for Lower Extremity Reconstruction--Grand Rounds, University of Michigan Medical Center. Ann Arbor, Michigan; November 20, 1982

Free Vascularized Bone Grafts--Grand Rounds, University of Michigan Medical Center. Ann Arbor, Michigan; November 20, 1982

Elective Microsurgery for Orthopaedic Reconstruction--American Academy of Orthopaedic Surgeons Annual Meeting. Anaheim, California; March 11, 1983

Basic Principles of Internal Fixation (Moderator)--AO/ASIF Basic Course, The Johns Hopkins University School of Medicine and the Association for the Study of Internal Fixation; Hot Springs, Virginia; April 18, 1983

Basic Principles of Internal Fixation (Discussion)--AO/ASIF Basic Course, The Johns Hopkins University School of Medicine and the Association for the Study of Internal Fixation; Hot Springs, Virginia; April 18, 1983

Management of Hand Injuries/Mini Fragment Set--AO/ASIF Basic Course, The Johns Hopkins University School of Medicine and the Association for the Study of Internal Fixation; Hot Springs, Virginia; April 18, 1983

Articular Fractures of the Upper Extremity: Classification, Planning, Approaches, Technique and Hazards, Post-operative Care and Complications (Discussor)--AO/ASIF Basic Course, The Johns Hopkins University School of Medicine and the Association for the Study of Internal Fixation; Hot Springs, Virginia; April 19, 1983

Open Fractures: Soft Tissue Restoration--AO/ASIF Advanced Course, The Johns Hopkins University School of Medicine and the Association for the Study of Internal Fixation; Hot Springs, Virginia; April 18, 1983

Open Fractures (Discussion)--AO/ASIF Advanced Course, The Johns Hopkins University School of Medicine and the Association for the Study of Internal Fixation; Hot Springs, Virginia; April 18, 1983

Fracture Complications and Management: Bridging of Defects--Limb Salvage--AO/ASIF Advanced Course, The Johns Hopkins University School of Medicine Association for the Study of Internal Fixation; Hot Springs, Virginia; April 19, 1983

Fracture Complications and Management--AO/ASIF Advanced Course, The Johns Hopkins University School of Medicine and the Association for the Study of

Internal Fixation; Hot Springs, Virginia; April 19, 1983

Causative Factors of Abnormal Anatomy in the Rheumatoid Hand--Anatomical Approach to Hand Management, The Union Memorial Hospital; Baltimore, Maryland; April 19, 1983.

Replantation (Panel Discussion)--Basic Microsurgical Techniques for the Orthopaedic Surgeon, American Academy of Orthopaedic Surgeons; Durham, North Carolina April 25, 1983.

Microvascular Vessel Repair (Moderator)--Basic Microsurgical Techniques for the Orthopaedic Surgeon, American Academy of Orthopaedic Surgeons; Durham, North Carolina April 26, 1983.

Free Vascularized Bone Grafts--Basic Microsurgical Techniques for the Orthopaedic Surgeon, American Academy of Orthopaedic Surgeons; Durham, North Carolina April 27, 1983.

Free Flaps and Grafts (Panel Discussion)--Basic Microsurgical Techniques for the Orthopaedic Surgeon, American Academy of Orthopaedic Surgeons; Durham, North Carolina April 27, 1983.

Vascularized Bone Grafts and Free Tissue Transfer, St. Agnes Hospital; Baltimore, Maryland; August 31, 1983

Loss of Substance Following Injury or Disease--Difficult Problems in Hand Surgery, American Society for Surgery of the Hand; Indianapolis, Indiana; September 13, 1983

Technical Problems Associated with Microvascular Free Tissue Transplants--Difficult Problems in Hand Surgery, American Society for Surgery of the Hand; Indianapolis, Indiana; September 13, 1983

Vascularized Grafts and Practical Applications, American Academy of Orthopaedic Surgeons; New York, New York; October 2, 1983

Microsurgery and Replantation, American Academy of Orthopaedic Surgeons; Atlantic City, New Jersey; October 17, 1983

Nurse Assistant at Microsurgery, American Academy of Orthopaedic Surgeons; Atlantic City, New Jersey; October 17, 1983

Nerve--Questions and Discussion; Advanced Diagnostic and Treatment Alternatives in Management of Upper Extremity Trauma--American Academy of Orthopaedic Surgeons; San Diego, California; November 4, 1983

Scaphoid Fractures--Treatments and Results; Advanced Diagnostic and Treatment Alternatives in Management of Upper Extremity Trauma--American Academy of Orthopaedic Surgeons; San Diego, California; November 5, 1983

Wrist--Questions and Discussions; Advanced Diagnostic and Treatment Alternatives in Management of Upper Extremity Trauma--American Academy of Orthopaedic Surgeons; San Diego, California; November 5, 1983

Difficult Fractures of the Distal Radius and Ulna; Advanced Diagnostic and Treatment Alternatives in Management of Upper Extremity Trauma--American Academy of Orthopaedic Surgeons; San Diego, California; November 5, 1983

Microsurgical Reconstruction--1983 Overview; Advanced Diagnostic and Treatment Alternatives in Management of Upper Extremity Trauma--American Academy of Orthopaedic Surgeons; San Diego, California; November 5, 1983

Wrist Injuries--Questions and Discussion; Advanced Diagnostic and Treatment Alternatives in Management of Upper Extremity Trauma--American Academy of Orthopaedic Surgeons; San Diego, California; November 5, 1983

Vascular Injuries--Questions and Discussion; Advanced Diagnostic and Treatment Alternatives in Management of Upper Extremity Trauma--American Academy of Orthopaedic Surgeons; San Diego, California; November 5, 1983

Management of Nonunion in Long Bone Fractures; Surgery and Rehabilitation of Complex Problems of the Upper Extremity--University of Miami School of Medicine; Miami, Florida; December 9, 1983

Panel Discussion on Place of Microsurgical or Conventional Techniques in Upper Extremity Reconstruction; Surgery and Rehabilitation of Complex Problems of the Upper Extremity--University of Miami School of Medicine; Miami, Florida; December 9, 1983

Panel Discussion on Management of Painful and/or Stiff Hand; Surgery and Rehabilitation of Complex Problems of the Upper Extremity--University of Miami School of Medicine; Miami, Florida; December 10, 1983

Problems Associated with Proximal Upper Extremity Replantation; Surgery and Rehabilitation of Complex Problems of the Upper Extremity--University of Miami School of Medicine; Miami, Florida; December 11, 1983

Chronic Osteomyelitis; Microsurgical Salvage of the Extremities--New York University Medical Center; New York City, New York; December 16, 1983

Panel Discussion on Lower Extremity Salvage; Microsurgical Salvage of the Extremities--New York University Medical Center; New York City, New York; December 16, 1983

Panel Discussion on Amputation Injuries of the Upper Extremity; Microsurgical Salvage of the Extremity--New York University Medical Center; New York City, New York; December 16, 1983

Healing of Vascularized Bone Graft; Microsurgical Salvage of the Extremities--New York University Medical Center; New York City, New York; December 17, 1983

Panel Discussion on Bone Replacement, Muscle Replacement, and Cancer Surgery (Moderator); Microsurgical Salvage of the Extremities--New York University Medical Center; New York City, New York; December 17, 1983

Congenital Pseudarthrosis--51st Annual Meeting of the American Academy of Orthopaedic Surgeons; Atlanta; Georgia; February 14, 1984

The Compression Screw (Moderator)--American Society for Surgery of the Hand, Internal Fixation in Hand Surgery; Vail, Colorado; March 26-30, 1984

Complications of Plate Fixation--American Society for Surgery of the Hand, Internal Fixation in Hand Surgery; Vail, Colorado; March 26-30, 1984

Postoperative Care After Rigid Internal Fixation--American Society for Surgery of the Hand, Internal Fixation in Hand Surgery; Vail, Colorado; March 26-30, 1984

External Fixation for Radial Fractures--American Society for Surgery of the Hand, Internal Fixation in Hand Surgery; Vail, Colorado; March 26-30, 1984

Vascularized Bone Grafts--American Society for Surgery of the Hand, Internal Fixation in Hand Surgery; Vail, Colorado; March 26-30, 1984

Free Vascularized Bone Grafts--Walter Reed Army Medical Center; Bethesda, Maryland; April 14, 1984

The Efficacy of Free Tissue Transfer--Walter Reed Army Medical Center; Bethesda, Maryland; April 14, 1984

Free Tissue Transfer and Free Vascularized Bone Grafts--Medical/Surgical Meeting of the Good Samaritan Hospital; Baltimore, Maryland; May 7, 1984

General Session, American Society of Reconstructive Microsurgery (Moderator). Las Vegas, Nevada; January 19, 1985

Vascular Reconstruction (Panel). 40th Annual Meeting of the American Society for Surgery of the Hand; Las Vegas, Nevada; January 21, 1985

Internal and External Fixation of Hand Fractures. 40th Annual Meeting of the American Society for Surgery of the Hand; Las Vegas, Nevada; January 23, 1985

Supracondylar Fractures of the Humerus in Children (Discussor). 1st Annual Meeting of the American Shoulder and Elbow Surgeons; Las Vegas, Nevada; January 24, 1985

Bone and Natural Bone Substitutes (Symposium). 52nd Annual Meeting of the American Academy of Orthopaedic Surgeons; Las Vegas, Nevada; January 24, 1985. H.J. Mankin (Moderator); W. Enneking; A.J. Weiland; G. Friedlander.

Reconstructive Microsurgery for Elective Orthopaedic Procedures. 52nd Annual Meeting of the American Academy of Orthopaedic Surgeons; Las Vegas, Nevada; January 25, 1985.

Vascularized Free Fibular Transfer in Limb Salvage for Primary Sarcoma (Discussor). 52nd Annual Meeting of the American Academy of Orthopaedic Surgeons; Las Vegas, Nevada; January 26, 1985.

Musculoskeletal Sepsis I: New Surgical Modalities in the Treatment of Osteomyelitis. 52nd Annual Meeting of the American Academy of Orthopaedic Surgeons; Las Vegas, Nevada; January 27, 1985.

Efficacy of Free Tissue Transplantation in Treatment of Osteomyelitis. Visiting Professor--Long Island Jewish Medical Center; New Hyde Park, New York; June 5, 1985.

Internal Fixation of Fractures in the Hand. Trauma to the Hand: Diagnosis, Treatment, and Functional Restoration--American Society for Surgery of the Hand; Ann Arbor, Michigan; September 17, 1985.

Microvascular Surgery/Replantation: Its Application Following Acute Trauma. Trauma to the Hand: Diagnosis, Treatment, and Functional Restoration--American Society for Surgery of the Hand; Ann Arbor, Michigan; September 18, 1985.

Vascularized Bone Transplants to the Upper Extremity. Clinical Reconstructive Upper Extremity Microsurgery--American Society for Surgery of the Hand; San Francisco, California; October 10, 1985

Lag Screw Fixation of Condylar Fractures of the Proximal or Middle Phalanx. AO/ASIF Hand Course; Maui, Hawaii; October 28, 1985.

Neutralization Plate Metacarpal Shaft Fractures. AO/ASIF Hand Course; Maui, Hawaii; October 29, 1985

Plates for Osteotomy--Union with Deformity--Metacarpals. AO/ASIF Hand Course; Maui, Hawaii; October 30, 1985

Plates in Children and Adolescents. AO/ASIF Hand Course; Maui, Hawaii; October 30, 1985  
Complications and Caveats External Fixators. AO/ASIF Hand Course; Maui, Hawaii; November 1, 1985

Free Tissue Transfer for the Treatment of Osteomyelitis. University of Arizona Semi-Annual Research Day; December 7, 1985

Techniques in Microvascular Surgery. Hampton Roads Orthopaedic Society/Naval Hospital Portsmouth. December 9-10, 1985

Vascularized Soft Tissue and Bone Grafts--American Academy of Orthopaedic Surgeons, Fracture Controversies in the Pelvis and Lower Extremity; Napa, California; January 26, 1986

Microsurgical Reconstruction of the Lower Extremity. University of Rochester; Rochester, New York. February 1, 1986

Internal and External Fixation of Hand Fractures. American Society for Surgery of the Hand Annual Meeting; New Orleans, Louisiana; February 18, 1986

Congenital Pseudarthrosis of the Tibia. American Academy of Orthopaedic Surgeons Annual Meeting; New Orleans, Louisiana; February 21, 1986

Elective Microsurgery for Orthopaedic Reconstruction. American Academy of Orthopaedic Surgeons Annual Meeting; New Orleans, Louisiana; February 22, 1986

Musculoskeletal Sepsis III: Surgical Modalities in the Treatment of Osteomyelitis. American Academy of Orthopaedic Surgeons Annual Meeting; New Orleans, Louisiana; February 23, 1986

Microvascular Surgery in Upper Extremity. American Academy of Orthopaedic Surgeons Comprehensive Review Course for Orthopaedic Surgeons; Chicago, Illinois; April 11, 1986

Orthopedics and Neurofibromatosis. National Neurofibromatosis Foundation, Inc.; Baltimore, Maryland; April 13, 1986

Free Tissue Transfer in the Treatment of Osteomyelitis. Columbia Orthopaedic Days, Columbia Orthopaedic Society; Columbia, South Carolina; September 26, 1986

Free Vascularized Fibular Grafts. Columbia Orthopaedic Days, Columbia Orthopaedic Society; Columbia, South Carolina; September 26, 1986

Experience with Microvascular Replantation--Upper Extremity. Columbia Orthopaedic Days, Columbia Orthopaedic Society; Columbia, South Carolina; September 27, 1986

When to Consider Free Tissue Transfer. Second Annual Fracture Management Symposium; University of California, Davis; Lake Tahoe, Nevada; December 4-7, 1986

Amputations. Second Annual Fracture Management Symposium; University of California, Davis; Lake Tahoe, Nevada; December 4-7, 1986

Use of External Fixation in Distal Radius and Hand Fractures. Second Annual Management Symposium; University of California, Davis; Lake Tahoe, Nevada; December 4-7, 1986

Elective Microsurgery for Orthopaedic Reconstruction (course moderator with Drs. Steichen and Urbaniak). Annual Meeting of the American Academy of Orthopaedic Surgeons; San Francisco, California; January 22-27, 1987

Neutralization Plates - Metacarpal and Phalangeal Fractures. Internal Fixation in Hand Surgery; American Society for Surgery of the Hand; Vail, Colorado; March 2-6, 1987

External Fixation for Distal Radial Fractures. Internal Fixation in Hand Surgery; American Society for Surgery of the Hand; Vail, Colorado; March 2-6, 1987

Hand Fractures - Plates, Pins, Closed and Other Techniques (Panel). Internal Fixation in Hand Surgery; American Society for Surgery of the Hand; Vail, Colorado; March 2-6, 1987.

Tension Band Wiring. Internal Fixation in Hand Surgery; American Society for Surgery of the Hand; Vail Colorado; March 2-6, 1987.

Other Techniques of Arthrodesis in the Hand. Internal Fixation in Hand Surgery; American Society for Surgery of the Hand; Vail, Colorado; March 2-6, 1987.

Nonunion/Pseudarthrosis - Histology. Internal Fixation in Hand Surgery; American Society for Surgery of the Hand; Vail, Colorado; March 2-6, 1987.

Complications of Plate Fixation. Internal Fixation in Hand Surgery; American Society for Surgery of the Hand; Vail, Colorado; March 2-6, 1987.

Treatment of Scaphoid Injuries. Eighth Annual Snowmass Orthopaedic Seminar; University of Pennsylvania; Snowmass, Colorado; March 7-14, 1987.

Eighth Annual Snowmass Orthopaedic Seminar (session moderator); University of Pennsylvania; Snowmass, Colorado; March 7-14, 1987.

Application of Free Vascularized Bone Grafts in Reconstructive Surgery. Eighth Annual Snowmass Orthopaedics Seminar; University of Pennsylvania; Snowmass, Colorado; March 7-14, 1987.

Internal Fixation in Hand Fractures. Eighth Annual Snowmass Orthopaedic Seminar; University of Pennsylvania; Snowmass, Colorado; March 7-14, 1987.

External Fixation of Forearm Fractures. Eighth Annual Snowmass Orthopaedic Seminar; University of Pennsylvania; Snowmass, Colorado; March 7-14, 1987.

Fixation of Metacarpal and Phalangeal Fractures. Update on Surgery of the Hand and Wrist. American Society for Surgery of the Hand; Sea Pines, Hilton Head, South Carolina; April 22-25, 1987.

Bone/Joint Panel Discussion. Update on Surgery of the Hand and Wrist; American Society for Surgery of the Hand; Sea Pines, Hilton Head, South Carolina; April 22-25, 1987.

Ununited Scaphoid Fractures. Update on Surgery of the Hand and Wrist; American Society for Surgery of the Hand; Sea Pines, Hilton Head, South Carolina; April 22-25, 1987.

Microvascular Thumb Reconstruction. Update on Surgery of the Hand and Wrist; American Society for Surgery of the Hand; Sea Pines, Hilton Head, South Carolina; April 22-25, 1987.

Microvascular Panel Discussion. Update on Surgery of the Hand and Wrist; American Society for Surgery of the Hand; Sea Pines, Hilton Head, South Carolina; April 22-25, 1987.

The Rheumatoid Hand. University of Cincinnati Medical Center; Cincinnati, Ohio; May 29, 1987.

Free Tissue Transfer and Treatment of Osteomyelitis. University of Cincinnati Medical Center; Cincinnati, Ohio; May 29, 1987.

Rigid Internal Fixation of Hand Fractures. Cincinnati Orthopaedic Society; Cincinnati, Ohio; May 29, 1987.

Vascularized Bone Transplants Including Allografts. University of Cincinnati Medical Center; Cincinnati, Ohio; May 30, 1987.

Internal and External Fixation of Hand Fractures. 42nd Annual Meeting of the American Society for Surgery of the Hand; San Antonio, Texas; September 9-12, 1987.

Anatomical Review and Biomechanics of the Elbow. Raymond M. Curtis Hand Center Annual Meeting, Union Memorial Hospital; Baltimore, Maryland; September 25-26, 1987.

The Painful Shoulder. Rheumatology Update, The Johns Hopkins University School of Medicine; Baltimore, Maryland; November 13-14, 1987.

Various Aspects of Vascularized Bone Allografts. University of Pennsylvania; Philadelphia, Pennsylvania; December 9, 1987.

Free Tissue Transfer in the Treatment of Tibial Wounds. University of Pennsylvania; Philadelphia, Pennsylvania; December 9, 1987.

Free Tissue Transfer in Orthopaedic Surgery. Detroit Academy of Orthopaedic Surgery; Detroit, Michigan; January 11, 1988.

Nonunion of Long Bones I: Upper Extremity (Panel). American Academy of Orthopaedic Surgeons Annual Meeting; Atlanta, Georgia; February 5, 1988.

Elective Microsurgery in Orthopaedic Reconstruction (Panel). American Academy of Orthopaedic Surgeons Annual Meeting; Atlanta, Georgia; February 6, 1988.

The Mumford Procedure in Athletes; An Objective Analysis of Function (Discusser). Fourth Open Meeting of the American Shoulder & Elbows Surgeons; Atlanta, Georgia; February 7, 1988.

Treatment of Chronic Complete Acromioclavicular Dislocation. Fourth Open Meeting of the American Shoulder & Elbows Surgeons; Atlanta, Georgia; February 7, 1988.

Controversies in the Management of Fractures of the Hand and Wrist (panel). American Academy of Orthopaedic Surgeons Annual Meeting; Atlanta, Georgia; February 8, 1988.

The Surgical Treatment of Posterior Interosseous Nerve Palsy (discusser). American Academy of Orthopaedic Surgeons Annual Meeting; Atlanta, Georgia; February 8, 1988.

Comparison of Treatment Results Between Infected and Noninfected Tibial Nonunions (discusser). American Academy of Orthopaedic Surgeons Annual Meeting; Atlanta, Georgia; February 8, 1988.

Chronic Refractory Osteomyelitis Complicating Posttraumatic Nonunions of the Tibia (discusser). American Academy of Orthopaedic Surgeons Annual Meeting; Atlanta, Georgia; February 8, 1988.

The Efficacy of Free Tissue Transfer for Chronic Osteomyelitis. University of Chicago, 11th C. Howard Hatcher Memorial Visiting Professor; Chicago, Illinois; May 12, 1988.

Free Vascularized Bone Grafts for Reconstruction of Segmental Bone Defects. MidAmerica Club, Chicago Orthopaedic Society; Chicago, Illinois; May 13, 1988.

Internal and External Fixation of Hand Fractures; 43rd Annual Meeting of the Society for Surgery of the Hand; Baltimore, Maryland; September 14-17, 1988

Elective Microsurgery for Orthopaedic Reconstruction; American Academy of Orthopaedic Surgeons; Las Vegas, Nevada; February 9-14, 1989

Controversies in the Management of Fractures and Dislocations of the Hand and Wrist; American Academy of Orthopaedic Surgeons; Las Vegas, Nevada; February 9-14, 1989.

Internal Fixation Course in Hand Surgery; American Society for Surgery of the Hand; Vail, Colorado; Moderator COMPRESSION-LAG SCREW, 2) Pitfalls and Perils of Base Thumb Fractures 3) Free Flaps in Hand Trauma, 4) 90/90 Wire Techniques IP/MP Joints, 5) Infections, Late Management 6) Scaphoid Fracture-Proximal Pole March 5-11 1989.

The Use of Vascularized Bone Grafts in Clinical Surgery; Walter Reed Bone Symposium; Washington, DC; March 23-25, 1989

The Impact of Vascular Surgical Techniques in Limb Salvage of Severe Open Fractures and Wounds; University of Pennsylvania Orthopaedic Alumni Meeting; Philadelphia, Pennsylvania; May 11-13, 1989

Role of Muscle and Tissue Transfers in the Management of Chronic Osteomyelitis; University of Pennsylvania Orthopaedic Alumni Meeting; Philadelphia, Pennsylvania; May 11-13, 1989

Free Vascularized Fibular Graft in the Treatment of Massive Bone Defects; University of South Florida, Department of Orthopaedics and Rehabilitation, Annual End of Year Alumni Days; Tampa, Florida; June 15-16, 1989.

The Use of Vascularized Bone Flaps, Emory University School of Medicine Department of Orthopaedics; Fourteenth Annual Orthopaedic Update on Bone Grafting; Atlanta, Georgia; June 7-9, 1989.

Total Elbow Arthroplasty - Indications, Techniques, & Results; East Coast Residents Program; Baltimore, Maryland; August 26-27, 1989.

Internal and External Fixation of Hand Fractures; 44th Annual Meeting of the American Society for Surgery of the Hand; Seattle, Washington; September 13-16, 1989.

Clinical Application of Vascularized Bone Grafts; M OS/NIH Symposium on Biological Restoration of Bone and Articular Surfaces; Warrington, Virginia; October 29, 1989 - November 1, 1989.

AAOS: New Orleans, Louisiana; February 9, 1990. Controversies in the Management of Fractures- and Dislocations of the Hand and Wrist.

AAOS: New Orleans, Louisiana; February 13, 1990. Elbow Arthroplasty and Prosthetic replacement. "Indications for and Results of Resurfacing Non Constrained Arthroplasty".

Surgery of the Upper Extremity: A Symposium on Current Techniques: Course Co-Chairman 1) Distal Radius Fixation-Dorsal; 2) Kienbock's Disease/2003 Update; 3) Workshop: Percutaneous Scaphoid Fixation. December 12-13, 2003 New York

Unstable Fractures of the Hand; Hand and Wrist Injuries Among Professional Athletes NYU Medical Center June 2-3, 1990.

The Chronic Non-Union of Scaphoid Fractures; Hand and Wrist Injuries Among Professional Athletes NYU Medical Center June 2-3, 1990.

Screw Fixation of the Scaphoid; Hand and Wrist Injuries Among Professional Athletes  
NYU Medical Center June 2-3, 1990.

Free Tissue Transfer for Osteomyelitis: Resident Presentation Day SUNY, Stony Brook  
June 8, 1990

Radial Shortening for Kienbock's Disease: AOA Annual Meeting, Boston Mass. June 12,  
1990.

Indications, Results and Complications of Total Elbow Replacement: 54th Annual  
Meeting, American College of Rheumatology, Seattle Washington October 27, 1990.

AAOS: Anaheim, California: March 8, 1991. Controversies in the Management of  
Fractures and Dislocations of the Hand and Wrist.

First World Congress of Tennis Sports Medicine and Science, New Haven, CT. August  
15-17, 1991: Hand and Forearm Problems in Tennis, Roundtable Discussion. Lecture:  
Wrist Injuries in Tennis Players. \*Editorial ORTHOPEDICS TODAY January 1992 pg.  
12-13.

AAOS Summer Institute, Washington, D.C. September 16, 1991 Fractures of the Distal  
Radius.

First Annual Symposium Bone Banking: Basic Science and Clinical Applications  
November 23, 1991 Memorial Sloan Kettering Cancer Center. Vascularized Bone  
Allografts-Experimental.

AAOS Specialty Day Washington, DC February 23, 1992 Basketball Finger-Boutonniere.

AAOS Instructional Course Common Unresolved Problems of the Carpus February 25,  
1992 Washington, DC.

AAOS Scientific Program Washington, DC February 24, 1992 Presentation of Paper by  
Dr. Daneca DiPaolo

ASSH Reconstruction of Traumatic and Acquired Disorders of the Thumb: Bennett's and  
Rolando's Fractures; Toe-to Thumb Reconstruction. April 30-May 2, 1992 New York.

Patrick J. Kelly Visiting Professor: 1) The Riddle's of Kienbock's Disease. 2) Free Tissue  
Transfer for Osteomyelitis. 3) Cost Containment in Orthopaedic Surgery. Mayo Clinic  
June 4-6, 1992.

AAOS Summer Institute 1)Live Video Demonstration and Laboratory: ORIF Distal  
Femur Fractures with DCS Plate. 2) Laboratory Session: Tibial Pilon Fractures:  
Preoperative Planning and ORIF 3)Live Video Demonstration and Laboratory: Calcaneal  
Fracture Fixation 4) Distal Radius Fractures: Treatment Strategies 5) Fractures and  
Dislocations of the Elbow Seattle, WA September 19-20, 1992.

Orthopaedic Nurses of New York: Disorders/Injuries of the Hand and Wrist: What's New? The Rheumatoid Hand and Wrist October 23, 1992 New York.

ASSH 47th Annual Meeting Instructional Course: Clinical problems in Hand Surgery: The Wrist

AAOS 60th Annual Meeting Moderator on Upper Extremity: Trauma 2/18/93 San Francisco

AAOS 60th Annual Meeting Instructional Course: Common But Unsolved Problems of the Carpus, San Francisco 2/93

AAOS 60th Annual Meeting Complex Fractures of the Wrist Including Scaphoid 2/19/93 San Francisco

Contemporary Orthopaedics Moderator: Symposium February 20, 1993 San Francisco

Strategies in Microsurgery Symposium: 1) Congenital Pseudoarthrosis  
2) Discussion of Selected Cases March 19, 1993 New York

Internal Fixation in Hand Surgery, Sponsored by ASSH March 21-26, 1993 Snowbird, Utah: 1) Distal Radius Fracture-External Fixation 2) Scaphoid Fracture- The Problems 3) Vascularized Bone Grafting.

Asociacion Argentina de Cirugia de La Mano, October 26-29, 1993 Buenos Aires  
1) Kienbock's Disease 2) Reconstruction of the Rheumatoid Hand 3) Open Carpal Tunnel Release vs. Closed Carpal Tunnel Release 4) Free Tissue Transfer in Upper and Lower Extremity Reconstruction 5) Fracture of the Distal Radius.

AAOS 61st Annual Meeting Instructional Course: Common But Unsolved Problems of the Carpus March 1, 1994 New Orleans.

ASSH 49th Annual Meeting Instructional Course on Kienbock's Disease  
October 28, 1994 Cincinnati, Ohio

ASSH 49th Annual Meeting Skills Course on New Techniques and Technologies  
Saturday October 29, 1994

AAOS Techniques in the Treatment of Common Wrist Problems: An Update:  
Orthopaedic Learning Center, Rosemont, IL. December 1-3, 1994.

AAOS Update on Traumatic Wrist Disorders, February 1995, Orlando, Florida

ASSH 50th Annual Meeting: Comprehensive Management of Fractures Ischemia of the Hand and Wrist; September 14, 1995 San Francisco

AAOS Update on Traumatic Wrist Disorders: Distal Radius Fractures February 26, 1996  
Atlanta

AAOS From the Elbow to the hand: A Current, Practical Approach to Problem Solving.  
1) Scaphoid Fractures and Nonunion. 2) Kienbock's Disease. 3) Nerve Repair and Grafting. 4) Panel Member: Clinical Case Management. San Francisco, California May 1-4, 1996.

ASSH Regional Review Course in hand Surgery Mount Sinai Medical Center Replantation/Amputation September 8, 1996.

AAOS: From the Elbow to the Hand: A Current, Practical Approach to Problem Solving  
1) Nerve Repair and Grafting, 2) Scaphoid Fractures and NonUnion, 3) Kienbock's Disease. Williamsburg, VA May 15-18, 1997.

ASSH 52<sup>nd</sup> Annual Meeting: DRUJ Problems Associated with Fractures and Mal-Unions of the Distal Radius September 11, 1997, Denver, Colorado.

AAOS 65<sup>th</sup> Annual Meeting: Update on Traumatic Wrist Disorders #102 March 19, 1998 New Orleans, La.

ASSH 58<sup>th</sup> Annual Meeting: Treatment of Distal Radial Intra-Articular Mal Unions with Osteotomy-Review of 30 Patients. Presented by Dr. Kimberly Mezera September 1998 Minneapolis, Minnesota

ASSH Regional Review Course: Flexor Tendon Injuries September 26, 1998 Mt. Sinai Hospital, New York

Management of Wrist Problems Sponsored by Hand Rehabilitation Foundation and Jefferson Medical College of Thomas Jefferson University: 1) Treatment of Madelung's Deformity 2) Acute Scaphoid Fractures with Associated Injuries 3) Radial Shortening for Kienbock's Disease 4) Debate: Treatment of Stage III Kienbock's: Fusion vs. Shortening

ASSH: Malunions of the Forearm: Current Concepts of Management: Seattle, Wa. October 2000.

ASSH: Surgical Skills Demonstration: Acutrak Percutaneous Fixation of Acute Scaphoid Fractures, Seattle, Wa. October 2000-10-16

AAOS Instructional Course #264 Traumatic Wrist Disorders. San Francisco 3/1/01.

AAOS: From the Elbow to the Hand: A Current Practical Approach to Problem Solving  
1) Total Elbow Arthroplasty 2) DRUJ Problems Associated with Fractures and Mal-Unions of the Distal Radius 3) Perilunate Dislocations and Fracture Dislocations; Williamsburg, Virginia April 26-29, 2001-05-01

AAOS Annual Meeting: Update of Traumatic Wrist Disorders; Fractures of the Distal Radius What's In, What's Out February 15, 2002 Dallas, Tx.

COA-AOA Joint Meeting ICL-4 Hand: Scaphoid Fractures and Non-Unions: Still Unsolved Moderator Victoria, BC June 2002

Surgery of the Upper Extremity: A symposium on current techniques:Co-Chair  
1)Distal Radius Fractures 2) Kienbock's Disease 3) Elbow Conditions and Treatment;Operative Treatment for Arthritis in the Young Patient Sponsored by Wright Medical Technology New York December 13-14,2002.

AAOS ICL 173 Traumatic Wrist Disorders,-What's In and What's Out February 5, 2003-02-10 New Orleans, La.

AAOS ICL 267 Changing Concepts: Fractures and Ligamentous Injuries About the Wrist, Scaphoid, Distal Radius Fractures, Carpal Instability: Changes in Treatment of Distal Radius Fractures over the past Two Decades. February 6, 2003 New Orleans, La.

AAOS Symposium Current Concepts in the Management of Distal Radius Fractures February 5, 2003 New Orleans, La.

AAOS Symposium Q: Current Concepts in the Management of Distal Radius Fractures. Evolution of Plate Design. San Francisco, CA March 11, 2004

AAOS ICL 327: Traumatic Wrist Disorders: What's In, What's Out-Non-union and Mal Union of the Scaphoid: Current Options, San Francisco, CA March 12, 2004

AAOS ICL 367: Changing Concepts: Fractures and Ligamentous Injuries About the Wrist-Scaphoid and Distal Radius Fractures and Carpal Instability-Fractures of the Distal Aspect of the Radius: Changes in Treatment Over the Past Two Decades-San Francisco, CA March 12, 2004

AAOS Specialty Day Session IV Distal Radius Fractures: Point/Counterpoint Low Profile Dorsal Plating of Distal Radius Fractures. San Francisco, CA March 13, 2004

AAOS ICL Moderator: Traumatic Wrist Disorders-What's In and What's Out: Non Union and Mal union of the Scaphoid, Current Concepts February 2005 Washinton, DC

AAOS ICL: Changing Concepts: Fractures and Ligamentous Injuries About the Wrist: Scaphoid and Distal Radius Fractures and Carpal Instability: Fractures of the Distal Aspect of the Radius: Changes in Treatment Over the Past two decades, February 2005 Washington, DC.

AAOS ICL: Vascularized Bone Grafting: Contemporary Perspectives: 1)Vascularized Grafting for Major Bone Loss 2)Biological and Mechanical Aspects of VBG's.

AAOS ICL: Changing concepts: Fractures and ligamentous injuries about the wrist, scaphoid and distal radius fractures and carpal instability: Fractures of the distal aspect of the radius: Changes in treatment over the past three decades. Chicago March 2006

AAOS ICL: Traumatic wrist disorders: What's in What's Out Chicago, March 2006

AAOS Paper Presentation #367: Complications of Circular Plate Fixation for four corner fusion, Chicago March 23, 2006

ASSH Annual Meeting: ICL 13, The Hand Surgeon and Vascularized Bone Transfer-Still an Important Reconstructive Procedure. September 8, 2006, Washington, DC

ASSH Annual Meeting; Dupuytren's Advisory Board Washington, DC  
September 7, 2006

AAOS ICL Moderator: Traumatic Wrist Disorders: Non union and mal union of the scaphoid, Current Options. San Diego, Ca. February 15, 2007

AAOS Specialty Day Session II The Elbow and Forearm: The Monteggia Fracture Revisited-Have we learned anything new? San Diego, Ca. February 17, 2007.

AAOS Poster Exhibit #P225: Outcomes after treatment of comminuted PIP fracture-dislocations with a dynamic external fixator. San Diego, Ca February 2007

#### AUDIOVISUAL PRESENTATIONS:

The Living Bone Graft: A. Weiland and R. Daniel/JHU Audiovisual Department;  
Presented at the 1979 Annual Meeting of the American Academy of Orthopaedic Surgeons; San Francisco, California; February, 1979.

The Living Bone Graft: A. Weiland and R. Daniel/JHU Audiovisual Department;  
Presented at the Fifth Annual International Microsurgical Meeting; Sao Paulo, Brazil;  
May 14, 1979.

The Living Bone Graft: A. Weiland and R. Daniel/JHU Audiovisual Department;  
Presented at the Seventh International Congress of Plastic Surgery; Rio de Janeiro, Brazil;  
May 25, 1979.

The Living Bone Graft: A. Weiland and R. Daniel/JHU Audiovisual Department;  
Presented at Orthopaedic Grand Rounds, Columbia Presbyterian Medical Center;  
Columbia, New York; June 14, 1979.

The Living Bone Graft: A. Weiland and R. Daniel/JHU Audiovisual Department;  
Presented at American College of Surgeons Meeting; Chicago, Illinois; October 25, 1979.

The Free Latissimus Dorsi Flap; G.P. Maxwell, A. Weiland, and J. Hoopes/JHU  
Audiovisual Department; Toronto, British Columbia, Canada; October, 1979.

Free Vascularized Fibular Graft; A.J. Weiland and J.R. Moore/Medical Portfolio for  
Orthopaedic Surgeons; Volume 1, Number 1; Baltimore, Maryland; October, 1982.

Dissection Technique: Free Vascularized Fibular Graft (videotape); A.J. Weiland/JHU Audiovisual Department; American Academy of Orthopaedic Annual Meeting; Anaheim, California; March 11, 1983.

Dissection Technique: Free Vascularized Fibular Graft (videotape); A.J. Weiland/JHU Audiovisual Department; American Orthopaedic Association Fifth International Symposium; Boca Raton, Florida; November 7-11, 1984

Tendon Ruptures; J.R. Moore and A.J. Weiland/Medical Outlook for Orthopaedic Surgeons; The Courtland Group, Inc; Ossining, New York; 1986.

Efficacy of Free Tissue Transfer in the Treatment of Osteomyelitis; A.J. Weiland and J.R. Moore/Continuing Education in Orthopaedic Surgery; Volume 18, Number 11; Orthopaedic Audio-Synopsis Foundation, South Pasadena, California; 1987.

The Painful Shoulder; Andrew J. Weiland/The Johns Hopkins University School of Medicine; Medical Grand Rounds, Volume XIV, Program 4; Baltimore, Maryland; March, 1988.

Orthopaedic Surgery Update-LIFETIME Medical Television July 1, 1990.

Orthopaedic Research Society, Anaheim, California, March 4, 1991 Poster Exhibit Performed Vascularized Bone Grafts with S. Mizumoto.

Poster Exhibit, M OS, The Microvascular Anatomy of the Triangular Fibrocartilage Complex: Its Clinical Significance. Anaheim, Ca. March 9, 1991

Grand Rounds Bellevue Hospital "The Riddles of Kienbck's Disease" 12/9/91

Grand Rounds Columbia Presbyterian Medical Center "The Riddles of Kienböck's Disease" January 23, 1992.

ASRM 9th Annual Meeting Kansas City, MO: Poster Exhibit, Performed Vascularized Bone Grafts Using Ceramic Blocks: Inada, Weiland, Szem and Schildhauer

ASSH 51st Annual Meeting, Nashville, Tennessee: Poster Exhibit: The Use of Multiplanar External Fixation of Unstable Fractures of the Distal Radius: Sherman, Wright, Gerwin and Weiland. October 1996

ASSH 51st Annual Meeting, Nashville, Tennessee: Scientific Session: The Intraosseous Vascularity of the Distal Radius and Its Relationship to Vascularized Pedicled Bone Grafts. Garth Smith, Jo Hannafin, Andrew Weiland, Nancy Weiland September 30, 1996.

AAOS 64th Annual Meeting ASSH SPECIALTY Day Moderator: Scientific Session on the Wrist February 16, 1997, San Francisco

AAOS 64th Annual Meeting Instructional Course: Update on Traumatic Wrist Disorders February 15, 1997 San Francisco

AAOS 66<sup>th</sup> Annual Meeting Instructional Course: Update on Traumatic Wrist Disorders  
February 4, 1999, Anaheim, Ca.

Lenox Hill Hospital Grand Rounds: Distal Radius Fractures: November 11, 2002 New  
York

#### SCIENTIFIC EXHIBITS

Microvascular Surgery Exhibit; A. Weiland; Johns Hopkins University Health Fair  
(presented by Women's Board); May 21, 1978.

The Assessment, Classification, and Operative Management for Fractures of the Lower  
End of the Humerus in Adults; D.L. Helfet, A.J. Weiland, and H. Rosen; 51st Annual  
Meeting of the American Academy of Orthopaedic Surgeons; February 14, 1984.

The Role of Oxygen Free Radicals in the Reperfusion Injury of Ischemic Revascularized  
Bone Grafts. Orthopaedic Research Society Annual Meeting Poster Session; New  
Orleans, Louisiana; February 18, 1986.

Electron Microscopic Observations in Revascularized Bone Allografts  
Immunosuppressed with Cyclosporine. Orthopaedic Research Society Annual Meeting  
Poster Session; New Orleans, Louisiana; February 18, 1986.

ASSH 47th Annual Meeting Poster: Quadrilateral Space Syndrome: Diagnosis, Pathology  
and Treatment. Phoenix, Arizona November 1992

ASSH 47th Annual Meeting Scientific Session: Operative Management of Carpal Tunnel  
Syndrome: A Comparative Study of Open and Endoscopic Methods of Transverse Carpal  
Ligament Release: Seiler, Gelberman, Weiland and Urbaniak.  
Phoenix, Arizona November 1992

ASSH 10th Annual Residents and Fellows Conference: The Applied Anatomy of the  
Radial Nerve: Michelle Gerwin, Hotchkiss, Weiland. Phoenix, Arizona November 11,  
1992.

Mid America Orthopaedic Association: Classics in Orthopaedics, "Free Tissue Transfer  
for Osteomyelitis" April 28-May 2, 1993 Hilton Head, South Carolina

#### EDUCATIONAL COURSE DIRECTORSHIPS:

Course Director, Operative Treatment of Fractures and Nonunions (Resident course  
sponsored by the Johns Hopkins University Department of Orthopaedic Surgery);  
Baltimore, Maryland; September, 1976.

Course Director, Operative Treatment of Fractures and Nonunions (Sponsored by the  
Johns Hopkins University Department of Orthopaedic Surgery); The Homestead, Hot  
Springs, Virginia; April 23-28, 1978.

Course Director, Reconstructive Hip Surgery--The State of the Art (Sponsored by the Johns Hopkins University Department of Orthopaedic Surgery); Baltimore, Maryland; November 10-11, 1980.

Course Chairman, Regional Review Course in Hand Surgery (Sponsored by the American Society for Surgery of the Hand); Baltimore, Maryland; October 27-28, 1984.

Course Co-Chairman (with E.F. Shaw Wilgis, MD), Vascular Disease and Injuries in the Upper Limb (Sponsored by the American Society for Surgery of the Hand); Baltimore, Maryland; May 9-11, 1985.

Course Chairman, Regional Review Course in Hand Surgery (Sponsored by the American Society for Surgery of the Hand); Baltimore, Maryland; September 20-21, 1986.

#### RESEARCH GRANT SUPPORT:

NIH Training Grant: Calibration Studies and Clinical Application of the Electromagnetic Flow Meter; June/August, 1965-1966.

Arthritis Center Grant: \$29,000 (#IP 60-AM-20558-01) Research on Rheumatoid Arthritis; 1977-1980

Thomas O'Neill Grant: \$55,000 Research on Microcirculation of Bone; January 1, 1978 December 31, 1978.

Thomas O'Neill Grant: \$45,000 Research on Microcirculation of Bone; January 1, 1979-December 31, 1979.

National Institutes of Health: \$161,648 (#R01 AM25791-01) Factors Influencing the Survival of Free Vascularized Bone Grafts July 1, 1979 - June 30, 1981.

Maurice Mueller Foundation: \$20,000 Microangiographic Studies of Free Vascularized Bone Grafts February 1, 1980.

National Institutes of Health: \$138,462 (#2 P60 AM20558) Multi-Purpose Arthritis Center September 1, 1980 - August 31, 1983.

Raymond M. Curtis Research Foundation: \$6,550 Intrinsic Repair of Divided Flexor Tendons: Model and Mechanism March 1, 1981.

National Institutes of Health: \$339,683 (2 R01 AM25791-03) Factors Influencing the Survival of Vascularized Bone Grafts July 1, 1981 - June 30, 1984

Volkswagon Works of Germany Research Grant: 50,000 German Marks Ultrastructure of Vascularized Autografts and Allografts 1982-1983

Howmedica Research Grant: \$6,500 Biomechanical Study of Valgus Stabilizers of the Elbow 1982

National Institutes of Health: \$70,000 (1 R01 AM31306-01) Electron Microscopy of Vascularized Cortical Bone Grafts July 1, 1982 - June 30, 1983

Orthopaedic Research and Education Foundation: \$6038 Biomechanical Study of Valgus Stabilizers of the Elbow July 1, 1982 - June 30, 1982

Chichester-DuPont Foundation: \$25,000 Microsurgical Research

Johns Hopkins University Institutional Grant: \$6,000 Pilot Survey of the Possibilities of Molded Vascularized Osteoneogenesis in Reconstructive Surgery February 1, 1983 - November 30, 1983

Plastic Surgery Research Foundation Grant: \$2700 Vascularized Bone Allograft Transplantation in a Genetically Defined Rat Model July 1, 1983 - June 30, 1984

National Institutes of Health: \$475,000 (2 R01 AM25791-06) Factors Influencing the Survival of Vascularized Bone Grafts July 1, 1984 - June 30, 1987

American Society for Surgery of the Hand: \$4993. "Factors Affecting in Vivo Manufacture of a Molded Vascularized Bone Graft".

National Institutes of Health: 2RO 1AR 25791-12A2 "Factors Influencing Survival of Vascularized Bone Grafts". 1/1/93-12/31/95. \$250,000.

Stephen and Suzanne Weiss Foundation \$10,000 for Hand Research

#### RESEARCH FELLOWS:

Anders Berggren, M.D.; Linkoping Sweden Research: Microvascular circulation to bone and clinical application of free vascularized bone grafts (August 1, 1978 December 31, 1979)

J. Russell Moore, M.D.; Baltimore, Maryland Research: Microvascular circulation to bone and the clinical application of free vascularized bone grafts (January 1, 1980 - June 30, 1980)

Thomas W. Phillips, M.D.; London, Ontario, Canada Research: Microvascular circulation to bone and the clinical application of free vascularized bone grafts (July 1, 1980 -June 30, 1981)

Gary Gartsman, M.D.; New York, New York Research: Factors influencing the survival of free vascularized bone grafts (July 1, 1981 - December 31, 1981)

Hans Nettelblad, M.D.; Linkoping, Sweden Research: Factors influencing the survival of free vascularized bone grafts (February 1, 1982 - June 30, 1983)

Yechiel Gotfried, M.D.; Haifa, Israel Research: Factors influencing the survival of free vascularized bone grafts (July 1, 1983 - June 30, 1984)

James P. Paskert, M.D.; Boston, Massachusetts Research: Factors influencing the survival of free vascularized bone grafts (July 1, 1984 - June 30, 1985)

Suzanna Kesmarky, M.D.; Calgary, Alberta, Canada Research: Factors influencing the survival of free vascularized bone grafts (July 1, 1985 - June 30, 1986)

W.P. Andrew Lee, M.D.; Baltimore, Maryland Research: Factors influencing the survival of free vascularized bone grafts (July 1, 1986 - June 30, 1987)

Anna E. Drzewiecki, M.D.; Ottawa, Ontario, Canada Research: Factors influencing the survival of free vascularized bone grafts (July 1, 1987 - June 30, 1988)

J. Gonzalez del Pino, M.D.; Madrid, Spain Research: Factors influencing the survival of free vascularized bone grafts (July 1, 1988 - June 30, 1989)

M. Benito Aguado, M.D.; Madrid, Spain Research: Factors influencing the survival of free vascularized bone grafts (July 1, 1988 - June 30, 1989)

**Shigeru Mizumoto, M.D.**; Kashihara, Nara, Japan Research: Vascularized Bone Graft & Vascularized Free Tissue Transfer (July 1, 1989 - June 30, 1990) **Yuji Inada, M.D.**, Inada Hospital July 1, 1990-December 31, 1992. Nara Medical University, Kashihara Nara Japan; **Takeo Sempuku, M.D.** October 1, 1992-December 1993, Nara Medical University, Kashihara Nara, Japan