Curriculum Vitae January 2011

SAVIO LAU-YUEN WOO, Ph.D., D.Sc. (Hon.), D.Eng. (Hon.)
胡流源 博士

Distinguished University Professor and Director
Musculoskeletal Research Center
Department of Bioengineering
and
Professor of Mechanical Engineering
Swanson School of Engineering
and
Professor of Rehabilitation Science and Technology
School of Health and Rehabilitation Sciences
UNIVERSITY OF PITTSBURGH

PERSONAL DATA

Birthdate:	June 3, 1942
Birthplace:	Shanghai, China
Nationality:	U.S. Citizen
Marital Status:	Married, Wife - Patricia
Children:	Daughter, Kirstin (Born 11/29/75)
	Son, Jonathan (Born 1/11/79)

ACADEMIC DEGREES

Institution	Degree	Year	Major
Chico State College Chico, Calif.	B.S.	1965	Mechanical Engineering
Univ. of Washington Seattle, Washington	M.S.	1966	Mechanical Engineering
Univ. of Washington Seattle, Washington	Ph.D.	1971	Bioengineering
California State University	D.Sc.	1998	Honorary
Hong Kong Polytechnic University	D.Eng.	2008	Honorary

ACADEMY MEMBERSHIP

Institute of Medicine, National Academy of Sciences (United States – elected in 1991)
美国国家科学院医学院院士(1991年当选)

National Academy of Engineering (United States – elected in 1994)
美国国家工程学院院士(1994年当选)

Academia Sinica (Republic of China – elected in 1996)
台湾中央研究院院士(1996年当选)

IOC Olympic Academy of Sports Science (Founding Member – 1999)
国际奥林匹克运动科学学院筹备院士(1999年)

ACADEMIC APPOINTMENTS

University of Pittsburgh

Distinguished University Professor Director, Musculoskeletal Research Center May 2007 – Present	Department of Bioengineering Swanson School of Engineering
W. K. Whiteford Professor Director, Musculoskeletal Research Center April 2004 – April 2007	Department of Bioengineering Swanson School of Engineering
Core Faculty 2001 – Present	McGowan Institute for Regenerative Medicine School of Medicine
Professor October 1996 - March, 2004	Dept. of Bioengineering Swanson School of Engineering
Professor of Rehabilitation Science & Technology November 1994 – Present	Dept. of Rehabilitation Science and Technology School of Health & Rehabilitation Sciences
Inaugural A.B. Ferguson, Jr., M.D. Endowed Chair Professor April 1993 – March 2004	Dept. of Orthopaedic Surgery School of Medicine
Vice Chairman for Research & Director, Musculoskeletal Research Center October 1990 – March 2004	Dept. of Orthopaedic Surgery School of Medicine
Professor of Mechanical Engineering October 1990 – December 2009	Dept. of Mechanical Engineering School of Engineering
Professor of Civil and Environmental Engineering March 1991 – February 2000	Dept. of Civil and Environmental Engineering Swanson School of Engineering
Professor of Orthopaedic Surgery October 1990 - March 1993	Dept. of Orthopaedic Surgery School of Medicine

University of California, San Diego

Professor of Surgery and Bioengineering July 1980 - October 1990	Div. of Orthopaedics and Rehabilitation Dept. of Surgery, and Dept. of Applied Mechanics and Engineering Sciences
Associate Professor of Surgery and Bioengineering March 1975 - June 1980	Div. of Orthopaedics and Rehabilitation Dept. of Surgery, and Dept. of Applied Mechanics and Engineering Sciences
Associate Research Bioengineer and Lecturer July 1974 - February 1975	Div. of Orthopaedics and Rehabilitation Dept. of Surgery, and Dept. of Applied Mechanics and Engineering Sciences
Assistant Research Bioengineer August 1970 - June 1974	Div. of Orthopaedics and Rehabilitation Dept. of Surgery, and Dept. of Applied Mechanics and Engineering Sciences

HONORARY ACADEMIC APPOINTMENTS

Honorary Professor 2002 - Present	Fudan University, Huashan Hospital Shanghai, China
Honorary Professor 2002 - Present	Sichuan University Chengdu, China
Honorary Professor 2002 - Present	Tongji University Shanghai, China
Honorary Professor 2008 - Present	Beijing University of Aeronautics and Astronautics Beijing, China

HONORARY MEMBERSHIPS

Honorary Member Since 1982	Western Orthopaedic Association
Honorary Member Since 1993	Canadian Orthopaedic Research Society
Honorary Member Since 2004	Arthroscopy Association of North America
Honorary Member Since 2005	Society for Tennis Medicine and Science
Honorary Member (Godfather) Since 2005	Herodicus Society
Honorary Member Since 2009	European Federation of National Associations of Orthopaedic Sports Traumatology

OTHER APPOINTMENTS

Department Academic Advisor (DAA) October 2009 – September 2010	Department of Health Technology and Informatics Hong Kong Polytechnic University Hong Kong, SAR China
Adjunct Professor of Bioengineering December 2008 – June 2012	Department of Bioengineering North Carolina A&T State University Greensboro, NC
Visiting Research Professor January 2002 – December 2002	Depts. of Bio-Medical Physics & Bio-Engineering and Orthopaedics University of Aberdeen Aberdeen, Scotland, United Kingdom
Visiting Professor January 2000 – June 2000	Dept. of Mechanical Engineering Division of Biomechanical Engineering Stanford University Stanford, CA
President July 1997 - Present	Asian♦American (ASIAM) Institute for Research & Education Pittsburgh, PA
Adjunct Professor of Biomedical Engineering July 1995 - June 1996	Dept. of Biomedical Engineering School of Engineering Tulane University New Orleans, Louisiana
Executive Director June 1984 - May 1990	Malcolm and Dorothy Coutts Institute for Joint Reconstruction and Research
Visiting Professor of Biomechanics July 1981 - February 1982	Dept. of System Engineering Kobe University Kobe, Japan
Research Investigator (Principal Investigator) July 1972 - October 1990	Orthopaedic Bioengineering Laboratory Veterans Affairs Medical Center San Diego, California

CURRENT RESEARCH GRANTS AND CONTRACT SUPPORT

			Direct Cost
1.	Non-Contact ACL Injuries in Females: An In-Vivo and Robotics Study NIH #AR039683 (no-cost extension) **Principal Investigator**	08/01/09 thru 07/31/11	$281,512
2.	Regeneration of the ACL by Application of Combined Biological and Biomechanical Augmentation Commonwealth of Pennsylvania **Principal Investigator**	07/01/10 thru 6/30/11	40,000
3.	Bioscaffolds to Enhance ACL Healing After Primary Repair Asian♦American Institute for Research & Education **Principal Investigator**	09/01/07 thru 08/31/11	$248,500
4.	Engineering Research Center Revolutionizing Metallic Biomaterials National Science Foundation #0812348 **Co-Investigator**	09/01/08 thru 08/31/13	$1,082,930
5.	Use of Adhesive to Reduce Tunnel Motion after Anterior Cruciate Ligament Reconstruction Commonwealth of Pennsylvania Department of Community and Economic Development #C000043537 **Co-Investigator** (P.I.: Thomas Gilbert, PhD.)	11/01/08 thru 06/30/11	$57,640

Training Grants

1.	Cellular Approaches to Tissue Engrg & Regeneration NIH #2T32 EB001026-06A2 **Co-Investigator** (P.I.: Alan Russell, Ph.D.)	07/01/03 thru 08/31/14	$2,187,310

FUNDING HISTORY AS PRINCIPAL INVESTIGATOR (PI)
PREVIOUS RESEARCH GRANT SUPPORT

		Direct Cost
1.	Forty-two (**42**) individual research grants From Government Agencies* (NIH, VA, National Science Foundation and Universities) *(excluding Program Projects & Institutional Grants)	$17,217,626
2.	Twenty-five (**25**) Industry/Private Foundation Funded Grants	$ 4,334,152

PATENTS AWARDED

- Compatible Internal Bone Fixation Plate (#4403606)
- Two Point Seven Acrylic Bone Cement

MEDALS

1998 **Olympic Gold Medalist –** Nagano Winter Olympic Games

1995 **Muybridge Medal** - International Society of Biomechanics

1991 **H.R. Lissner Medal** - American Society for Mechanical Engineers

HIGHEST SOCIETAL AND UNIVERSITY HONORS

1983 Elizabeth Winston Lanier **Kappa Delta Award** for outstanding Orthopaedic Research - Orthopaedic Research Society/American Academy of Orthopaedic Surgeons.

1985 - 1986 **President** - The Orthopaedic Research Society

1985 - 1986 **President** - The American Society of Biomechanics

1986 - 1987 **Chairman** - Bioengineering Division, American Society of Mechanical Engineers

1990 **The O'Donoghue Sports Injury Research Award** - The American Orthopaedic Society for Sports Medicine

1990 **Founding Fellow** - American Institute for Medical & Biological Engineering

1990 - 1992 **President** - International Society for Fracture Repair

1993 **Giovanni Borelli Award** - The American Society of Biomechanics

1994 - 1997 **Chairman** – U.S. National Committee on Biomechanics (USNCB)

1996 **Inaugural Gesellschaft für Orthopädisch-Traumatologische Sportmedizin (GOTS)-Beiersdorf AG Research Award** - First Prize Winner

1997 **The O'Donoghue Sports Injury Research Award** - The American Orthopaedic Society for Sports Medicine

1998 **IOC Prize for Sports Science** - The International Olympic Committee

1998 - 2002 **Chairman** – The World Council for Biomechanics (WCB)

1999 **Chancellor's Distinguished Research Award** - University of Pittsburgh

2000 **Distinguished Alumni Award** - College of Engineering, Computer Science and Technology, California State University, Chico

2002 **Centenary Professor** - The Carnegie Trust for the Universities of Scotland

2003 **School of Engineering Hall of Fame** – University of Pittsburgh

2005 **Presidential Guest Speaker - "Godfather" Lecture** - Herodicus Society

2005 **Distinguished Lecturer Award** - Biomedical Engineering Society

2005 **Inaugural Class of Fellows** - Biomedical Engineering Society

2007 **Lifetime Achievement Award** – Bay Area Knee Society

2007 **Mechanical Engineering Department Hall of Fame –** University of Washington

2007 **Life Fellow –** American Society of Mechanical Engineers (ASME)

2007 **Founding President** - World Association for Chinese Biomedical Engineers (WACBE)

2008 **Diamond Award "Distinguished Achievement in Academia" –** University of Washington College of Engineering

HONORS AND AWARDS

1961 Outstanding Undergraduate Engineer

1962 American Society of Testing and Materials (Student Membership Award)

1962 Blue Key National Honor Society

1962 Phi Kappa Phi Honor Society

1967 Sigma Xi

1977 - 1982 **Research Career Development Award** - NIH/USPHS

1979 Orthopaedic Science and Bioengineering Group - 1st U.S. Delegation to People's Republic of China

1981 **Fellowship Award -** Japan Society for Promotion of Science

1983 **Excellence in Basic Science Research Award** - The American Orthopaedic Society for Sports Medicine

1986 Honorary Editor - Chinese Biomechanics Magazine

1986 **Excellence in Sports Science Research Award -** The American Orthopaedic Society for Sports Medicine

1987 **Government Fellowship Award** - Japan Ministry of Eduction

1988 **Citation Award** - American College of Sports Medicine

1989 Phi Beta Delta, Honor Society for International Scholars

1989 **Sumner-Koch Award -** Chicago Society for Surgery of the Hand: For paper to have the greatest clinical significance

1990 **Excellence in Clinical Science Research Award -** The American Orthopaedic Society for Sports Medicine

1992 - 1994 **Founding Chairman** - College of Fellows, American Institute for Medical and Biological Engineering

1993 **Excellence in Research Award -** The American Orthopaedic Society for Sports Medicine

1998 **Honored Guest** - 62nd Dapper Dan Charities Dinner, Pittsburgh, Pennsylvania

1999 **Cabaud Memorial Award** - American Orthopaedic Society for Sports Medicine

1999 **Albert Trillat Young Investigator Award -** International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine

1999 **The Hallvard 1999 Annual Award** - Ola Grimsby Institute

2000 **Resident/Fellow Essay Award** - Arthroscopy Association of North America

2000 **Hughston Award** – Most outstanding paper that appeared in The American Journal of Sports Medicine for the year

2002 **Aircast Basic Science Research Award -** American Orthopaedic Society for Sports Medicine

2002 **Richard O'Connor Award -** Arthroscopy Association of North America

2002 **Excellence in Research Award** - The American Orthopaedic Society for Sports Medicine

2005 **Achilles Orthopaedic Sports Medicine Research Award** - International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine

2005 **Robert Henry Thurston Lecture Award** - American Society of Mechanical Engineering

2005 **Board of Visitors Faculty Award** - University of Pittsburgh, School of Engineering

2006 **Life Sciences Award** - Carnegie Science Center 2006 Awards for Excellence

ENDOWED AND SPECIAL LECTURES

1983 **Visiting Lecturer Award –** Alberta Heritage Medical Research Foundation

1984 **Keynote Lecturer –** 4th European Society of Biomechanics, Davos, Switzerland

1987 **Wartenweiler Memorial Lecture** – 11th Int'l Congress of Int'l Society of Biomechanics, Amsterdam

1987 **Opening Lecture** – Inaugural Meeting of Bioengineering Division, Japanese Society of Mechanical Engineers, Tokyo

1991 **Frymoyer Lecturer –** University of Vermont, Burlington, Vermont

1992 **World Renowned Foreign Scholars Lectureship Award** – National Science Council, Department of State, Republic of China (Taiwan)

1993 **The Albert B. Ferguson Endowed Chair Inaugural Lecture –** University of Pittsburgh, Department of Orthopaedic Surgery

1993 **Presidential Guest Speaker and Honorary Membership** – The Combined Canadian Orthopaedic Research Society and the Annual Canadian Association Meeting (Montreal, Canada)

1997 **Distinguished Keynote Lecture** – Formosa Society of Biomechanics Combined Annual Meeting of FSB/ORS, Taipei, Taiwan.

1998 **Johnson & Johnson Keynote Lecture** – National Athletic Trainers' Association Annual Meeting and Clincal Symposium, Baltimore, Maryland

1999 **Presidential Lecture –** 46th Annual Meeting American College of Sports Medicine, Seattle, Washington

1999 **Opening Ceremony** – International Society of Biomechanics, Calgary, Canada

1999 **Distinguished Lecture in Biomechanical Engineering –** Stanford University, Stanford, California

1999 **Keynote Lecture** – 5th IOC World Congress on Sport Sciences, Sydney, Australia

2000 **Presidential Lecture –** 73rd Annual Meeting of the Japanese Orthopaedic Association, Kobe, Japan

2000 **Plenary Lecture –** International Society of Biomechanics in Sports, Hong Kong, China

2000 **Plenary Lecture** – XVIII International Symposium of Biomechanics in Sports, Hong Kong, China

2001 **Hollingsworth Endowed Lectureship in Engineering -** University of Texas at Austin, Austin, Texas

2001 **Keynote Lecture –** 3rd European Congress of Sports Medicine and Science in Tennis, Barcelona, Spain

2002 **Presidential Lecture** – 5th World Congress on Tennis Medicine and Science, Stockholm, Sweden

2002 **Presidential Lecture** – 17th Annual Research Meeting of the Japanese Orthopaedic Association, Aomori, Japan

2002 **Plenary Lecture** – The Bio-Era: New Frontiers, New Challenges, International Congress on Biological and Medical Engineering, Singapore

2003 **Plenary Lecture** – 4th Bienniel ISAKOS Congress, Auckland, New Zealand

2003 **Honorary Professorship Lecture** – Tongji University, China

2003 **Keynote Lecture** – The Cutting Edge, Joint Conference of the British Association of Sports and Exercise Medicine and the British Association of Sports and Exercise Science, Sheffield, England

2003 **Keynote Lecture** – Opening Ceremonies of the VII IOC World Congress, Athens, Greece

2003 **Richard Skalak Colloquium Visiting Professorship –** Columbia University of New York, New York

2003 **Visiting Professorship and Lecture Series** – Chang Gung Memorial Hospitals, Kaohsiung, Chiayi, Linko, and Keelung, Taiwan, Republic of China

2003 **Presidential Lecture** – Asia-Pacific Orthopaedic Assocation, Taipei, Taiwan

2004 **Distinguished Lecture –** Henry Samueli School of Engineering **–** University of California, Irvine

2004 **Presidential Lecture** – FIMS World Congress of Sports Medicine, Muscat, Oman

2004 **Keynote Lecture** – 250th Anniversary, Columbia University, New York, New York

2004 **Plenary Lecture** – 2nd World Congress of Chinese Biomedical Engineers, Beijing, China

2004 **Plenary Lecture** – IEEE/Engineering in Medicine and Biology Society, San Francisco, California

2005 **Keynote Lecture** – 5th International Symposium on Ligaments and Tendons, Washington, DC

2005 **Keynote Lecture** – Society for Tennis Medicine and Science Congress, Indian Wells, California

2005 **Presidential Lecture** – Japanese Orthopedic Society of Sports Medicine, Nara, Japan

2005 **Presidential Guest Speaker –** 31st Annual Meeting of the Herodicus Society, Vail, Colorado

2005 **Theme Keynote Lecture** – IEEE/Engineering in Medicine and Biology Society, Shanghai, China

2005 **Plenary Lecture** – Italian Society of Orthopedics and Traumatology, Florence, Italy

2005 **Plenary Lecture** – 32nd Japanese Society of Clinical Biomechanics, Sapporo, Japan

2005 **Keynote Lecture** – 9th Annual International Conference of Orthopedics, Biomechanics and Sports Rehabilitation, Perugia, Italy

2006 **Plenary Lecture** – The Team Physician and New Horizons Symposium, Isparta, Turkey

2006 **Invited Lecture** – 12th ESSKA Congress, Innsbruck, Austria

2006 **Keynote Lecture** – International Tissue Engineering Conference, Wuerzburg, Germany

2006 **Plenary Lecture** – FIMS World Congress of Sports Medicine, China

2007 **Highlight Lecture –** 6th Biennial ISAKOS Congress, Florence, Italy

2007 **Opening Lecture –** International Society of Biomechanics XXI, Taipei, Taiwan

2007 **President Distinguished Lecture –** National Cheng Kung University, Tainan, Taiwan

2007 **Opening Lecture –** WACBE World Congress on Bioengineering, Bangkok, Thailand

2007 **Keynote Lecture –** Dedication of Nicola Foundation, Arezzo, Italy

2008 **Serena Yang Endowed Lecture** - Hong Kong Polytechnic University, Hong Kong

2008 **Plenary Lecture** – 7th Asian-Pacific Conference on Medical and Biological Engineering, Beijing, China

2008 **Keynote Lecture** – 2008 International Convention on Science, Education and Medicine in Sport, Guangzhou, China

2008 **Invited Lecture** – Biomechanics: From Genomics to Disease. Tributes to Yuan-Cheng Fung on his 90th Birthday, San Diego, CA

2009 **Keynote Lecture** – International Symposium on the Frontiers in Biomedical Engineering, Columbia University, New York, New York

2009 **Keynote Lecture –** Dedication of Garcia Cugat Foundation for Biomedical Research, Barcelona, Spain

2009 **Keynote Lecture –** AOSSM Grant Workshop, Keystone, CO

2009 **Plenary Lecture –** World Congress on Biomedical Engineering 2009, Hong Kong, China

2009 **Plenary Lecture –** National Health Research Institutes Research Symposium, Zhunan, Taiwan

2009 **Presidential Lecture –** National Yang Ming University, Taipei, Taiwan

2010 **Keynote Lecture** – Sports Rehabilitation Symposium, Hong Kong, China

2010 **Keynote Lecture** – UCLA / Orthopaedic Hospital Research Day, Los Angeles, CA

2010 **Highlight Lecture** – 14th ESSKA Congress, Oslo, Norway

2010 **Keynote Lecture** – 2nd International Symposium on Orthopaedic Translational Research, Shanghai, China

LECTURES

Over **850** lectures have been delivered to academic institutions, industry and conferences both nationally and internationally. The international communities include:

Asia: China, Hong Kong, Japan, Korea, Singapore, Taiwan, Thailand, Australia, New Zealand, Canada, Oman

Europe: Austria, Belgium, Denmark, England, Finland, France, Germany, Greece, Italy, Netherlands, Norway, Portugal, Scotland, Spain, Sweden, Switzerland, Turkey

South America: Argentina, Aruba, Brazil.

ADVISORY COMMITTEES

International Advisory Committee August 2010 – present	University Excellence Program National Yang Ming University Taipei, Taiwan
Departmental Advisory Committee, Chair September 2008 – August 2010	Hong Kong Polytechnic University Hong Kong, SAR China
International Advisory Committee, Chair January 2009 – present	International Symposium on Ligaments and Tendons Pittsburgh, PA
International Advisory Committee January 2008 – present	13th Int'l Conference on Biomedical Engineering Singapore
International Expert Committee March 2006 - present	Institute of Life Quality via Mechanical Engineering, Shanghai Jiao Tong University Shanghai China
Scientific Advisory Committee April 2005 - present	Polish Sports Traumatology Society Warsaw, Poland
Scientific Visiting Committee February 2005 - present	Institute of NanoBiomedical Technology and Membrane Biology, Sichuan University Chengdu, China
Department of Bioengineering Advisory Board March 2004 – 2010	Medical College of Ohio Toledo, OH
Board of Advisors, Scientific Commission February 2002 – February 2006	International Federation of Sports Medicine (FIMS) Cyprus, Greece
Scientific Advisory Board January 2001 – 2002	Leading MD Denver, Colorado
Scientific Advisory Committee January 1998 – 2004	Aircast Foundation Summit, New Jersey

Advisory Committee for the Coordinated Graduate Programmes in Biomedical Engineering for the Province of Alberta, Canada January 1997 – 1999	University of Edmonton, Alberta, Canada University of Calgary, Alberta Canada
SCOR on Osteoarthritis External Advisory Committee January 1997 – January 1998	Orthopaedic Research Laboratory Columbia- Presbyterian Medical Center
Biomedical Engineering Department Departmental Advisory Board December 1996 – Present	Wayne State University Detroit, MI
Program Development for Bioengineering Studies Advisory Committee August 1994 - September 1995	Rush-Presbyterian-St. Luke's Medical Center Chicago, Illinois
College of Engineering, Computer Sciences and Technology Advisory Board April 1994 – Present	California State University at Chico Chico, California
Scientific Advisory Board January 1992 - April 1995	OsteoArthritis Sciences, Inc. Boston, Massachusetts
Scientific Advisory Board May 1990 - Present	The Steadman Hawkins Sports Medicine Foundation Vail, Colorado
Scientific Advisory Committee March 1986 - January 1995	The Whitaker Foundation Mechanicsburg, Pennsylvania

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

1970 -	American Society of Mechanical Engineers (Life Fellow)
1972 -	Orthopaedic Research Society (Emeritus)
1972 -	Biomedical Engineering Society (Inaugural Class of Fellows)
1975 - 2004	American Academy of Mechanics
1977 -	American Society of Biomechanics (Founding Member)
1978 -	Chinese-American Institute of Engineers
1979 - 2000	Society of Biomaterials
1979 - 1982	New York Academy of Science
1986 - 2006	Int'l Society for Fracture Repair (Founding Member)
1987 -	Int'l Society of Biomechanics
1988 - 2006	American College of Sports Medicine
1988 -	American Orthopaedic Society for Sports Medicine
1989 -	American Academy of Orthopaedic Surgeons
1990 - 1993	American Society of Civil Engineers
1992 -	Society of Tennis Medicine and Science (Honorary Member)
1992 -	American Institute for Medical and Biological Engineers (Founding Fellow)
1992 - 2004	European Orthopaedic Research Society
1993 -	American Shoulder and Elbow Society
1993 -	Society of Chinese Bioscientists in America (Life Member)
1994 -	Chinese Speaking Orthopaedic Society (Life Member)
1995 - 1996	American Association for the Advancement of Science
1996 -	ACL Study Group
2000 - 2003	American Academy of University Professors
2000 - 2004	Rocky Mountain Traumatologic Society
2000 -	International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine
2002 -	Tissue Engineering Society, International
2005 -	Arthroscopy Association of North America (Honorary Member)
2007 -	World Association of Chinese Biomedical Engineers (Founding President & Life Member)

EDITORIAL BOARDS (present)

1978 - Editorial Board – Journal of Biomechanics

1993 - Editorial Board – Journal of Knee Surgery, Sports Traumatology, Arthroscopy

1995 - International Advisory Board – Journal of Orthopaedic Science (Japan)

1995 - Editorial Board – American Journal of Sports Medicine

1998 - Editorial Board – Journal of Musculoskeletal Research (Taiwan, Republic of China)

1999 - Editorial Board – Healthcare Engineering Journal

2001 - Editorial Advisory Board – Journal of Mechanics in Medicine and Biology (Singapore)

2005 - Editorial Advisory Board – Journal of Molecular and Cellular Biomechanics

2006 - Editorial Advisory Board – Journal of Biomedical Engineering (People's Republic of China)

2006 - Editorial Advisory Board – Journal of Orthopaedic Surgery and Research (Hong Kong, SAR China)

2007 - Editorial Advisory Board – Journal of Cellular and Molecular Bioengineering

2008 - Editorial Advisory Board – Journal of Sports Medicine, Arthroscopy, Rehabilitation Therapy & Technology (Hong Kong, SAR China)

2009 - Editorial Advisory Board – Journal of Orthopaedics, Translational Research & Clinical Application (Italy)

2010 - Editorial Advisory Board – World Journal of Orthopaedics (China)

2010 - Editorial Advisory Board – Muscles, Ligaments and Tendons Journal (Italy

2010 - Editorial Advisory Board – World Journal of Translational Medicine (China)

EDITORIAL BOARDS (terms completed)

1979	Acting Technical Editor - Journal of Biomechanical Engineering
1979	Guest Editor - Biorheology (Vol 16)
1979 - 1987	Associate Editor - Journal of Biomechanical Engineering
1982	Guest Editor - Biorheology (Vol 19)
1983 - 2010	Associate Editor - Journal of Orthopaedic Research
1990 - 1997	Editorial Board - Material Science and Engineering Reports
1990 - 1994	Editorial Board - Journal of Engineering in Medicine, Institute of Mechanical Engineers
1993	Co-guest Editors - Journal of Biomechanical Engineering, 20th Anniversary Biomechanics Symposium
1993 - 2001	Editorial Advisory Board - Journal of Orthopaedic Research
1994 - 2010	Review Board - Annals of Biomedical Engineering
1995 - 2000	Editorial Board - Journal of the American Academy of Orthopaedic Surgeons
1998	Guest Editor – Journal of Osteoarthritis and Cartilage
1998 - 2002	Editorial Board – Journal of Orthopaedic Surgery (Peoples Republic of China)
1999	Co-Guest Editor – Journal of Osteoarthritis and Cartilage
2000 - 2005	Editorial Board - Technology and Health Care
2001 - 2006	Editorial Board - Frontiers in Bioscience Journal
2002 - 2007	International Editorial Board - Acta Clinica
2007	Editorial Consultant – Proceedings of the Royal Society A (England)
2007	Editorial Consultant – Journal of Medical Biomechanics (China)
2007	Editorial Consultant – Developmental Dynamics

EDITOR: BOOKS

1986 Frontiers in Biomechanics, Springer Verlag, New York, Schmid-Schoenbein, G.W., Woo, S.L-Y., and Zweifach, B.W., Co-Editors.

1988 Injury and Repair of Musculoskeletal Soft Tissues, American Academy of Orthopaedic Surgeons, Park Ridge, Illinois, Woo, S.L-Y. and Buckwalter, J.A., Co-Editors.

1990 Biomechanics of Diarthrodial Joints, Springer Verlag, New York, Mow, V.C., Ratcliffe, A. and Woo, S.L-Y., Co-Editors.

1990 Multiple Muscle Systems: Biomechanics and Movement Organization, Springer Verlag, New York, Winters, J. and Woo, S.L-Y., Co-Editors.

1992 High-Performance Computing in Biomedical Research, CRC Press, Boca Raton, FL, Pilkington, T.C., Thompson, B.J.F., Woo, S.L-Y., Palmer, T.C., Budinger, T.F., Co-Editors.

1993 Musculoskeletal Soft-Tissue Aging: Impact and Mobility, American Academy of Orthopaedic Surgeons, Rosemont, Illinois, Buckwalter, J.A., Goldberg, V.M. and Woo, S.L-Y., Co-Editors.

1993 The Anterior Cruciate Ligament: Current and Future Concepts, Raven Press, New York, Jackson, D.W., Arnoczky, S.P., Woo, S.L-Y., Frank, C.B., and Simon. T.M., Co-Editors.

1994 Clinical Biomechanics and Related Research, Springer-Verlag, Tokyo, Japan, Hirasawa, Y., Sledge, C.B., and Woo, S.L-Y., Co-Editors.

2003 Textbook of Sports Medicine: Basic Science and Clinical Aspects of Sports Injury and Physical Activity, Blackwell Publishing, Oxford, United Kingdom, Kjaer, M., Krosgaard, M., Magnusson, P., Engebretsen, L., Roos, H., Takala, T., and Woo, S.L-Y., Co-Editors.

2003 New Frontiers in Biomedical Engineering, Kluwer Academic Publishers, New York, New York, Hwang, N.H-C., and Woo, S.L-Y., Co-Editors.

2006 Tendinopathy in Athletes, The IOC Medical Commission Encyclopaedia of Sports Medicine Series – Book XII, Blackwell Publishing, Oxford, United Kingdom, Woo, S.L-Y., Arnoczky, S., and Renstrom, P.A., Co-Editors.

2010 Tributes to Yuan-Cheng Fung on His 90th Birthday, Biomechanics: From Genomics to Disease, World Scientific Publishers, Hackensack, NJ, Chien, S., Chen, P., Schmid-Schoenbein, G., Tong, P., Woo, S.L-Y., Co-Editors.

EDITOR: PROCEEDINGS

1981 Biomechanics Symposium (ASME-AMD-Vol. 43) VanBuskirk, W. and Woo, S.L-Y., Co-Editors.

1983 Biomechanics Symposium (ASME-AMD-Vol 56/FED-Vol 1), Woo, S.L-Y. and Mates, R.E., Co-Editors.

1984 Transactions of the Orthopaedic Research Society, Vol 9., Woo, S.L-Y., Editor

1990 Tissue Engineering, American Society of Mechanical Engineers, (ASME-BIO-Vol. 14), New York, Woo, S.L-Y. and Seguchi, Y., Co-Editors.

1990 Proceeding of the First World Congress of Biomechanics, 2 volumes, La Jolla, California, Woo, S.L-Y., Wayne, J.S., MacKenna, D., co-editors.

1995 Fourth China-Japan-USA-Singapore Conference on Biomechanics, World Scientific Publishing Company, Taiyuan, China, Yang, G., Hayashi, K., Woo, S.L-Y., and Goh, J.C.H., Co-Editors.

1999 Proceedings of the 9th International Conference on Surgery of the Shoulder, Norris, T.R., Warner, J.P., Woo, S.L-Y., and Zuckerman, J.D., Co-Editors.

1999 Proceedings of the 1999 Annual Meeting, American Society of Biomechanics, Woo, S.L-Y. and Gilbertson, L., Co-Editors.

2000 International Symposium on Ligaments and Tendons – I, Woo, S.L-Y., Debski, R.E., and Wang, J. H-C., Co-Editors.

2002 International Symposium on Ligaments and Tendons – II, Woo, S.L-Y., Tsuda, E., and Abramowitch, S.D., Co-Editors.

2003 International Symposium on Ligaments and Tendons – III, Woo, S.L-Y., Jia, F., and Li, Z-M., Co-Editors

2004 International Symposium on Ligaments and Tendons – IV, Woo, S.L-Y., Li, Z-M., Takakura, Y, and Abramowitch, S.D., Co-Editors.

2005 International Symposium on Ligaments and Tendons - V, Woo, S.L-Y., Abramowitch, S.D., Miura, K., Co-Editors

2006 International Symposium on Ligaments and Tendons -VI, Woo, S.L-Y., Abramowitch, S.D., Almarza, A., and Karaoglu, S., Co-Editors.

2007 International Symposium on Ligaments and Tendons -VII, Woo, S.L-Y., Almarza, A., and Dede, O., Co-Editors.

2008 International Symposium on Ligaments and Tendons -VIII, Woo, S.L-Y., Abramowitch, S.D., Fleming, B.C., Fisher, M.B., Co-Editors.

2009 International Symposium on Ligaments and Tendons - IX, Woo, S.L-Y., Li, G., Thornton, G., Liang, R., Jung, H-J., Fisher, M., Co-Editors.

2010 International Symposium on Ligaments and Tendons – X, Chan, K.M., Woo, S.L-Y., Lui, P.P.Y., Chen, C.H., Co-Editors.

OFFICES HELD - PROFESSIONAL SOCIETIES

American Academy of Orthopaedic Surgeons (AAOS)
Member, Sport Fitness, Muscle & Ligament Panel, Research Task Force (2000; ad hoc)
Chairman, NIH/AAOS Workshop on Injury/Repair of Musculoskeletal Soft Tissues (1986-1987)

American Institute for Medical and Biological Engineering (AIMBE)
Chairman, Nominating Committee for Officers, College of Fellows (1994-1995)
Founding Chairman, College of Fellows (1992-1994)
Chairman, Fellows Selection Committee (1992-1993)
Board of Directors (1992-1994)

American Shoulder and Elbow Surgeons (ASES)
Open Meeting Program Committee (1999)
Closed Meeting Program Committee (2002)
Publications Committee (2004)

American Society of Biomechanics (ASB)
Chairman, Nominating Committee (1986-1987)
Chairman, Awards Committee (1986-1987)
President (1985-1986)
Board of Directors (1977-1987)

American Society of Mechanical Engineers (ASME)
Chairman, National & International Affairs Committee, Bioengineering Division (1989-1993)
Chairman, Bioengineering Division (1986-1987)
Executive Committee, Bioengineering Division (1984-1989)
Co-Chairman, Joint Biomechanics Committee (1979-1983)
Chairman, Honors Committee, Bioengineering Division (1978-1983)

Biomedical Engineering Society (BMES)
International Advisory Panel, 10th International Conference on Biomedical Engineering (2000)
Board of Directors (1984-1986)
Board of Directors (2005-2007)
Chair, Awards Committee (2005-2007)
Long Range Planning Committee (2008)

Chinese Speaking Orthopaedic Society (CSOS)
Board of Directors (1997-2003)
Chairman, Fellowship Committee (2000-Present)
Award Committee (2000- Present)
Chairman, Education Committee (1997-2000)

International Olympic Committee Academy of Sports Science (IOC)
Chairman, Liaison Committee (2001-Present)
General Secretary, International Olympic Committee Academy of Sports Science (2000-2004)
Chairman, Membership Committee (1999-2000)
IOC Medical Commission (1998)

Institute of Medicine (IOM)
Chairman, Section I (Physical, Mathematical, Computer, Information, and Engineering Science) (1996-1998)
Membership Committee (1995-1998)

International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS)
Program Committee (1999-2009)
Scientific Committee (1997-2007)
Chair, Scientific Committee (2007-2009)
Past Chair, Scientific Committee (2009-2011)

International Society of Biomechanics (ISB)
Executive Council (1992-1997)

International Society for Fracture Repair (ISFR)
Chairman, Nominations Committee (1992-1994)
President (1990-1992)
Chairman, Program Committee (1988-1990)
Board of Directors (1986-1994)

International Symposium on Ligaments and Tendons (ISL&T)
Chairman, Organizing Committee (2000-2009)
Chairman, Program Committee (2000-2009)

National Academy of Engineering (NAE)
Chairman, Russ Prize Committee (2006-2007)
Russ Prize Committee (2003-2008)
Grant Review Panel, National Academies Keck Futures Initiative (2007)
Membership Committee (1998-2001)
Nominating Committee (1998-1999)
Peer Committee, Bioengineering (1995-1998)

(The) Orthopaedic Research Society (ORS)
Editorial Advisory Board, Journal of Orthopaedic Research (1993-1998)
President (1985-1986)
Board of Directors (1983-1987)
Chairman, Program Committee (1983-1984)
Chairman, Local Arrangements Committee (1983)

Society for Tennis Medicine & Science (STMS)
Board of Directors (1997–2005)
Scientific Committee (1999-Present)
Member, Research Committee (1993)
Member, Education/Publication Committee (1993)

U.S. National Committee on Biomechanics (USNCB)
Past-Chair (1997-2000)
Chairman, Nominating Committee (1997-2000)
Chairman (1994-1997)
Vice-Chairman (1991-1994)
Executive Committee (1988-2000)

(The) World Association of Chinese Biomedical Engineers (WACBE)

Chair, Steering Committee (2002-2006)
Founding President (2007-2009)
Vice President - 3rd WACBE World Congress, 2007
Council Member (2007-present)

(The) World Council for Biomechanics (WCB)

Past Chair (2002-2006)
Chairman (1998-2002)
Council Member (1990-2010)
Board of Directors (1990-2006)
International Steering Committee, 1st World Congress of Biomechanics (1986-1990)
Local Arrangements Committee, 1st World Congress of Biomechanics (1986-1990)
Chairman, Program and Publication Committee, 1st World Congress of Biomechanics (1986-1990)
Program Committee, 2nd World Congress of Biomechanics (1992-1994)
International Steering Committee, 2nd World Congress of Biomechanics (1991-1994)
International Advisory Committee, 3rd World Congress of Biomechanics (1996-1998)
Chair, Executive Committee, 4th World Congress of Biomechanics (2000-2001)
International Advisory Committee, 6th World Congress of Biomechanics (2009-2010)

SERVICES TO EDUCATIONAL AND GOVERNMENT GRANTING AGENCIES

Applied Physiology and Orthopaedic (AFY) Study Session for National Institute of Health (1980)

Board of Trustees, Shadyside Academy (1992-1998)

Chairman, Committee on guidelines for artificial ligaments, FDA Orthopaedic Rehabilitation Device Panel (1987)

Executive Committee, Board of Trustees, Shady Side Academy (1995-1996)

External Advisory Board for the Claude D. Pepper Older Americans Independence Center Grant,
University of Calgary (1995)

Grant Review Committee, Foundation for Sports Medicine Education and Research (1991-1996)

Grant reviewer for Medical Research Services of Veterans Administration

Grant reviewer for National Science Foundation (2002-Present)

Hong Kong Research Grants Council (1996)

National Health Research Institutes, Department of Health, Republic of China
Chairman, Scientific Review Committee IV – Medical Engineering (1998-2011)
Scientific Council (1996-2008)
Bioengineering Advisory Committee (1996-2000)
Recruitment and Advisory Committee of Biomedical Engineering Research (1996-1999)
Medical Engineering and Biotechnology Study Sections (1992-1998)

National Institute of Health, Orthopaedics and Musculoskeletal Study Section Div. of Research Grants (1992-1996)

Orthopaedic Research & Education Foundation, Peer Review Comm. on Center of Excellence Grants (1992-1996)

Panelist, FDA Orthopaedic Rehabilitation Device Section - Surgical and Rehabilitation Device Panel (1983-1985)

Scientific Advisor, North American Medical Association Foundation Limited, Hong Kong (1993-1996)

Special Study Session, National Institute of Health (1982)

Long-Range Planning Panel, National Institute of Health (2004)

Presidential Science Prize of Taiwan Life Science Selection Committee (2009)

COMMITTEES AND SERVICES: COMMUNITY

1992-1998 Board of Trustees, Shady Side Academy

1995-1996 Executive Committee, Board of Trustees, Shady Side Academy

2007-2011 Carnegie Science Awards, Life Sciences Award Committee, Carnegie Science Center

COMMITTEES AND SERVICES: UNIVERSITY OF PITTSBURGH

1990 - 1998	Executive Committee, Department of Orthopaedic Surgery
1990 - 1992	Curriculum Committee Department of Mechanical Engineering
1990 - 1993	Strategic Planning Committee, Department of Mechanical Engineering
1990 - 1993	Graduate Program Committee, Department of Mechanical Engineering
1990 - 1996	Bioengineering Faculty Governance Committee
1990 - 2004	Ad-Hoc Committee on Faculty Appointments and Promotions, Department of Orthopaedic Surgery
1990 - 2001	**Chairman**, Executive Committee, Musculoskeletal Research Center, Department of Orthopaedic Surgery
1991 - 2004	Competitive Medical Research Fund (CMRF) Grant Review Committee, University of Pittsburgh Medical Center
1992 - 1993	Steering Committee - Interdisciplinary Graduate Program, School of Health and Rehabilitation Sciences
1992 - 1993	Coordinating Committee for Research Integrity (CCRI)
1992 - 1998	University of Pittsburgh Technology Transfer Committee
1993 - 1994	**Chairman**, Search Committee for Dean of School of Engineering
1993 - 1995	**Chairman**, Combined Mechanical Engineering and Orthopaedic Surgery Faculty Search Comm.
1993 - 1996	Engineering Research Committee, Department of Rehabilitation Science and Technology, School of Health and Rehabilitation Sciences
1993 - 1997	Appointments, Promotion & Tenure Committee, Department of Rehabilitation Science and Technology, School of Health and Rehabilitation Sciences
1993 - 1998	NIDRR Training Grant Executive Committee Department of Rehabilitation Science and Technology
1992	Evaluation Committee for Distinguished Service Professor
1994 - 1995	Working Group on Graduate Program Evaluation, Department of Mechanical Engineering
1995	Search Committee for Professor for Department of Chemical Engineering
1995	Education Committee for Program Improvement, Department of Orthopaedic Surgery
1996 - 2008	Faculty Search Committee, Department of Bioengineering
1997 - 2001	Executive Committee, Department of Bioengineering
1997 -	Career Advisor Committee, Medical Scientist Training Program, MD/PhD Program, University of Pittsburgh/Carnegie Mellon University
1998 - 2001	Operations Committee, Department of Orthopaedic Surgery

1998 - 1999 Search Committee for Chairman of Department of Surgery

1998 - Graduate Student Admissions Committee, Department of Bioengineering

2000 - 2002 Search Committee for Assistant Professor, Department of Orthopaedic Surgery

2004 - 2006 Chancellor's Distinguished Research Awards Selection Committee

2004 Dean's Faculty Fellowship and Professorship Nominating Committee, School of Engineering

2004 - 2005 Search Committee, Chair for Dept of Electrical and Computer Engineering

2004 - Curriculum Committee, Biomechanics Track, Department of Bioengineering

2005 Promotion Committee for Alan Russell, PhD, to University Professor, Department of Surgery

2005 - Awards Committee, School of Engineering

2005 - Faculty Reappointment Committee, Department of Bioengineering

2005 - Faculty Promotions and Tenure Committee, Department of Bioengineering

2008 - Executive Committee, McGowan Institute for Regenerative Medicine

2008 - Distinguished Faculty Committee, University of Pittsburgh

2009 - Appointments, Promotion & Tenure Committee, Swanson School of Engineering

2009 - BMEplanet Global Bioengineering Network Representative, Department of Bioengineering

2011 - 2013 Senate Elections Committee, University of Pittsburgh

COMMITTEES AND SERVICES: UNIVERSITY OF CALIFORNIA, SAN DIEGO

1977 - 1979 Standing and Promotion Committee, School of Medicine

1978 - 1982 Position Management Committee, Veterans Administration Medical Center Research Service
Chairman, Ad-hoc Committees for Promotion and Appointment of Academic Personnel

1980 - 1984 Executive Committee, Department of Surgery

1982 - 1984 Committee on Special Scholarships

1984 - 1986 Vice Chairman, Committee on Special Scholarships

1987 - 1990 Animal Subjects Committee

1987 - 1990 Clinical Science Building Advisory Committee

1988 - 1990 Chairman, Space Committee, Division of Orthopaedics

1988 - 1989 Chairman, Pre-Clinical Faculty Steering Committee, School of Medicine

TRAINEES AND ADVISEES

University of California at San Diego (1970-1990)

Post Doctoral Fellows

Young Kyun Woo, M.D.	1979-1981
Cyril Frank, M.D.	1981-1984
Steve Kuei, Ph.D.	1979-1981
Masahiro Inoue, M.D.	1985-1987
Hung Chang Lin, M.D.	1986-1987
Mark A. Gomez, Ph.D.	1986-1988
Shuji Horibe, M.D.	1987-1989
Shinro Takai, M.D.	1989-1990
Michael K. Kwan, Ph.D.	1987-1990
Nam-Yong Choi, M.D.	1990
Hiromichi Fujie, Ph.D.	1990
Masahiko Noguchi, M.D.	1990

Residents

John V. Matthews, M.D.	1972-1974
Ladd Rutherford, M.D.	1974-1975
David Doty, M.D.	1975-1976
Jess Boyer, M.D.	1976-1977
Donald A. Schmidt, M.D.	1977-1978
Steve R. Garfin, M.D.	1978-1979
Carol C. Frey, M.D.	1981-1982
Jon Fronek, M.D.	1982-1983
Jon F. Camp, M.D.	1983-1984
Dolois J. Bean, M.D.	1984-1986
Mark Abel, M.D.	1984-1985
Richard Roux, M.D.	1984-1985
Robert T. Ballock, M.D.	1985-1986
Terry J. Sites, M.D.	1985-1986
Roger M. Lyon, M.D.	1986-1988
Kevin J. Triggs, M.D.	1986-1987
Carlos J. Lavernia, M.D.	1986-1988
Peter O. Newton, M.D.	1988-1989
Edmond Young, M.D.	1988-1989
Eric J. Wall, M.D.	1988-1989
David R. Anderson, M.D.	1989-1990
Gregory D. Carlson, M.D.	1989-1990

Graduate Students

Larry L. Malcolm, Ph.D.	1971-1973
Neil G. Solomon, M.S.	1976-1978
Patrick Shoemaker, M.S.	1976-1978
Mark A. Gomez, Ph.D.	1980-1982
Russell Mazelsky, M.S.	1983-1985
David Hawkins, M.S.	1983-1985
Erin McGurk-Burleson, M.S.	1983-1986
Joseph M. Hollis, Ph.D.	1983-1988
Robert Peterson, M.S.	1984-1986
Thay Q. Lee, M.S.	1984-1986
Jeff M. Spiegelman, M.S.	1984-1986
Fred P. Field, M.S.	1985-1988
Jennifer S. Wayne, Ph.D.	1985-1990
Jeff Weiss, Ph.D.	1989-1990
Caroline Wei Hwa Wang, M.S.	1987-1988
Michael Danto, M.D.	1988-1990
Robert A. Hart, M.D.	1989-1990

Undergraduate Students

Chris Farenbach, B.S.	1971-1973
Gil Jemmot, B.S.	1971-1973
Mark Van Veen, B.S.	1974-1975
Paul Lubock, M.S.	1975-1977
Joanna Schoon, M.S.	1976-1977
Mark Ritter, B.S.	1978-1980
Peter J. Pardee, B.S.	1978-1979
Jack M. Winters, Ph.D.	1978-1980
Cheryl Endo, B.S.	1980-1981
Alan Vernac, M.D.	1980-1981
Eric Yum, B.S.	1980-1981
Carlo Orlando, M.D..	1982-1984
Steve Y.C. To, B.S.	1984-1986
Frank W. Silva, B.S.	1984-1985
Jim Marcin, M.D.	1986-1987
Jeff Weiss, Ph.D.	1987-1989
Karen D. May, Ph.D.	1988-1989
Scott A. Hacker, M.D.	1988-1990
Deidre A. Mackenna, Ph.D.	1988-1990
Meena Joshi, M.S.	1989-1990

University of Pittsburgh (1990-Present)

Post Doctoral Fellows

Hiromichi Fujie, Ph.D.	1990-1992
Masahiko Noguchi, M.D.	1990-1992
Nam-Yong Choi, M.D.	1991-1992
Greg Johnson, Ph.D.	1991-1994
Min Kocher, M.D.	1991-1992
Gail Blomstrom, Ph.D.	1991-1993
Donal McCarthy, M.D.	1991-1993
Shinji Kashiwaguchi, M.D.	1991-1993
Kuo-pin (Joseph) Kuo, M.D.	1992-1993
Kazunori Ohno, M.D.	1992-1994
Shuhei Morifusa, M.D.	1992-1994
Harutaka Aizawa, M.D.	1992-1994
Takeshi Kusayama, M.D.	1992-1993
Christian Jantea, M.D.	1993
Daniel Baker, Ph.D.	1993-1994
Yoshitsugu Takeda, M.D.	1993-1994
Emin Taskiran, M.D.	1993-1994
Tomoo Yamaji, M.D.	1993-1995
Kyoung Soo Kim, M.D.	1993-1994
Yasuyuki Ishibashi, M.D.	1993-1995
Stefano Zaffagnini, M.D.	1993-1994
Takeshi Marui, M.D.	1993-1996
Jiang-ming Xu, M.D.	1993-1997
Rupinder Grewal, M.D.	1994-1996
Andreas Imhoff, M.D.	1994-1995
Panayotis Giannakopoulos, M.D.	1994-1995
Ryoma Saito, M.D.	1994-1996
Mehmet Demirhan, M.D.	1994-1995
Riccardo Marinelli, M.D.	1994-1995
Kwong-Won Lee, M.D.	1994-1995
Masataka Sakane, M.D.	1995-1997
Goo-Hyun Baek, M.D.	1995-1996
Chih-Hwa Chen, M.D.	1995-1996
Gregoris Mitsionis, M.D.	1995-1996
Kevin Hildebrand, M.D.	1995-1997
Anton Plakseychuk, M.D.	1995-1997
Jaime Bastidas, M.D.	1995-1996
Masataka Deie, M.D.	1995-1997
Juergen Hoeher, M.D.	1996-1997
Asbjorn Aroen, M.D.	1996-1997
Kotaro Nishida, M.D.	1996-1999
Ko Adachi, M.D.	1997
Franklin Sechriest, M.D.	1997-1998
Jyh-Horng Wang, M.D.	1997-1998
Ioannis Gelalis, M.D.	1997-1998
Christos Papageorgiou, M.D.	1997-1999
Sven Scheffler, M.D.	1997-1998
Sokratis Varitimidis, M.D.	1997-1999
Nobuyoshi Watanabe, M.D.	1997-1999

Akihiro Kanamori, M.D.	1997-2000
Masayoshi Yagi, M.D.	1998-2000
Gustavo Azcona-Arteaga, M.D.	1999-2000
Yukihisa Fukuda, M.D.	1999-2001
Eiichi Tsuda, M.D.	1999-2001
Fengyan Jia, M.D.	1999-2002
Andreas Burkart, M.D.	2000
Stefano Brue, M.D.	2000
Akin Uzumcugil, M.D.	2000
Robert Giffin, M.D.	2000-2001
Volker Musahl, M.D.	2000-2002
Yasuhiko Watanabe, M.D.	2000-2001
Takatoshi Shimomura, M.D.	2000-2002
Rajesh Jari, M.D.	2001-2002
Yuhua Song, Ph.D.	2001-2002
Tomoyuki Sasaki, M.D.	2001-2002
Yoshiyuki Takakura, M.D., Ph.D.	2002-2004
Yuji Yamamoto, M.D., Ph.D.	2002-2004
Xinguo Ning, Ph.D.	2003-2004
Wei-Hsiu Hsu, M.D.	2003-2004
Robert Kilger, M.D.	2003-2004
Rui Liang, M.D.	2003-2010
Kazutomo Miura, M.D., Ph.D.	2004-2005
Tan Nguyen, M.D.	2004-2007
Yin-Chih Fu, M.D.	2004-2005
Ozgur Dede, M.D.	2005-2007
Fabio Vercillo, M.D.	2005-2006
Sinan Karaoglu, M.D.	2005-2006
Ping-Cheng Liu, M.D.	2005-2006
Alejandro Almarza, Ph.D.	2005-2008
Changfu Wu, Ph.D.	2006-2007
Chin-Yi Chou, M.D.	2006-2007
Giovanni Zamarra, M.D.	2007-2008
Xianna Guo, M.D.	2007
Muqing Liu, M.D.	2008
Ho-Joong Jung, M.D.	2008-2009
Shan-Ling Hsu, M.D.	2008-2009
Huinan Liu, Ph.D.	2009-2010
Matteo Tei, M.D.	2010-Present
Matthew Fisher, Ph.D.	2010

Residents

Gary Anderson, M.D.	1990-1991
Richard Berger, M.D.	1990-1991
Anthony DiGioia, M.D.	1990-1991
J. Scott Doyle, M.D.	1990-1991
Carolyn "Sis" Engle, M.D.	1991-1992
Jim Jamison, M.D.	1991-1992
Les Schwendeman, M.D.	1991-1992
Pat McMahon, M.D.	1991-1992
Chris Schmidt, M.D.	1992-1993
Bill Thompson, M.D.	1992-1993
Brian Smith, M.D.	1992-1993
Jim Dowd, M.D.	1992-1993
Mike Pappas, M.D.	1992-1993
Bill MacCauley, M.D.	1993-1994
John Xerogeanes, M.D.	1993-1994
Doug Boardman, M.D.	1993-1994
Steve Scherping, M.D.	1993-1994
Jeff Stone, M.D.	1994-1995
Prakash Patel, M.D.	1994-1995
Carl Hasselman, M.D.	1995-1996
Ross Fox, M.D.	1995-1996
Christy Allen, M.D.	1996-1997
Chuck Cha, M.D.	1996-1997
Benjamin Ma, M.D.	1997-1998
Moby Parsons, M.D.	1997-1998
Jim Fenwick, M.D.	1998-1999
Mark Knaub, M.D.	1998-1999
Ezequiel Cassinelli, M.D.	1999-2000
Ronald Hall, M.D.	1999-2000
Mi Lee, M.D.	1999-2000
John Loh, M.D.	2000-2001
Jamie Pfaeffle, M.D., Ph.D.	2001-2002
Peter Tang, M.D., MPH	2001-2002

Graduate Students

Glen Livesay, Ph.D.	1989-1996
Franz Shelley, M.S.	1990-1992
Rich Sofranko, M.S.	1990-1992
Rich Debski, Ph.D.	1991-1997
Todd Doehring, Ph.D.	1991-2000
Amy Pomaybo, M.S.	1992-1994
Becky Levine, Ph.D.	1992-1996
Meena Joshi, M.S.	1992-1994
Greg Carlin, M.S.	1992-1994
Serena Chan Saw, M.S.	1993-1995
Rafi Neiman, M.D.	1993
Jamie Pfaeffle, M.D., Ph.D.	1993-1996
Greg Przybylski, M.D.	1993-1994
Brian Taylor, M.S.	1994-1995
Dan Latt, M.D., Ph.D.	1994-1995
Tom Runco, M.S.	1994-1996

J.P. Romano, M.S.	1995
Terry Koo, B.S.	1995
Chuck Kovach , M.S.	1995-1998
Venkatesh Balasubramianian, Ph.D.	1995-1998
Maria Apreleva, Ph.D.	1995-1999
Ted Clineff, M.S.	1996-1998
Ted Manson, M.S.	1996-1998
Jason Lessard, B.S.	1997
Tracy Vogrin, M.D.	1997-1998
Ling Liu, M.S.	1997-1998
Marsie Janaushek, M.S.	1997-1999
Eric Wong, M.S.	1997-2000
Jennifer Zeminski, M.S.	1997-2001
John Withrow, M.S.	1998-1999
Jorge Gil, M.S.	1998-2001
Chris Celechovsky, M.D.	1998-2000
Steven Abramowitch, Ph.D.	1999-2004
Thomas Gilbert, Ph.D.	2000-2003
Jing Lei, Ph.D.	2000-2001
Shon Darcy, Ph.D.	2000-2003
Jesse Fisk, M.D.	2001-2004
Sarah Brown, B.S.	2002-2003
Scott Hanford, B.S.	2002-2003
Daniel Moon, M.D.	2002-2004
Li Zou, M.D., Ph.D.	2002-2004
Brooke Coley, Ph.D..	2003
Sarita Maheedhara, M.S.	2004-2006
Sabrina Noorani, M.S.	2004-2007
Richard Stoner, B.S.	2004-2005
Noah Papas, M.S.	2005-2007
Matthew Fisher, B.S.	2005-2010
Xiaoyan Zhang, Ph.D.	2005-2008
Lauren Hellmann, B.S.	2006
Serena Augustine, B.S.	2006-2008
David Torick, B.S.	2006
Oneximo Gonzalez, B.S.	2007-2008
Christopher Richardson, B.S.	2007-2008
Kwang Kim, B.S.	2008-Present
Kathryn Farraro, B.S.	2010-Present

Undergraduate Students

Wayne Bayer	1990-1991
Mark Schatz	1991
Steven Biancuilli	1991
Vince Spotts	1991
Victor Rozynblyum, B.S.	1991-1993
Mary Ann (Mimi) Battista, B.S.	1992
Mark Brositz, B.S.	1992
Eric Yun	1992
Ben Maher	1992-1993
Scott Hudson	1992-1993
Duane Morrow, M.S.	1992-1995

Greg Bijak, M.D.	1993
Jennifer Burgess	1993
Brian Holzer, B.S.	1993
Brian Anderson, B.S.	1993
Keith Lobel, B.S.	1993
Dan Beatty, B.S.	1994
Chee-Hahn Hung, B.S.	1994
Anat Galor	1994
John Pacella, B.S.	1995
John Herndon	1995
Sharon Bansal	1995
Eric Wong	1995-1996
Jorge Gil	1995-1998
Jonathon Bishop, B.S.	1996
Steve Yang	1996
Walter Chang	1996
Amy Kastner, B.S.	1996
Brian Kilpela, B.S.	1996-1997
Amber Patterson	1997
Alexander Feng	1997
Lindsay Johnson	1997
Despina Hages	1997
Christine Fitzgerald	1997
Jon Woo	1997
Tim Nolan	1997
Marc Brozovich	1997-1998
Lance Brunton	1997-1998
Marshall Kuremsky	1997-1998
Rob Svitek	1997-1999
Damion Shelton	1997-2000
Umang Patel	1998
Tiffany Sellaro	1998
Kimberly Griger	1998
Jennifer Olewnik	1998-1999
Susan Ney	1998-1999
Jonathan Fischer	1999
Beth Kirkpatrick	1999-2000
Amaury Rolin	1999
Michael Williams	1999
Maura George	2000
Kristina Goodoff	2000
James Chung	2001
Katie Yoder	2001
Bradley Stokan	2001
Charles Vukotich	2001
Greg Frank	2001
Allison Westcott	2001
Christina Casella	2002
Casey Castner	2002
Kristen Moffat	2002
Mara Schenker	2002-2003
Kelly Baron	2003

Lily Jeng	2003
Kevin Suzuki	2003
Hillarie Stern	2003
Stephanie Bechtold	2003-2004
Mary Zettl	2003
Selina Brownridge	2004
Molly Curran	2004
Erik Frazier	2004-2005
Sylvia Kang	2004
Emily Sieg	2004
David Shin	2005
Shawn Burton	2005-2006
Dana Irrer	2005-2006
Amanda Roof	2005
Christopher Carruthers	2006
Noah Lorang	2006-2008
Emily Engel	2006
Tobias Long	2006
Caressa Watson	2006-2007
Sarah Henderson	2006
Mitchell Kosowski	2007
Danielle Dukes	2007
David Gladowski	2007
Ryan Prantil	2007
Kristin Frawley	2007
Rayna Nola	2007-2008
Collin Edington	2008
Alexandra Cirillo	2008
Kristen Klingler	2008
Megan Ferderber	2008
Thomas Chase	2008
Wendy Shung	2009
Austin Borisy	2009
Philip Manor	2009
Christine Hall	2009
Gautam Vangipuram	2009-2010
Fei Yan Lin	2009-2010
Daniel Perchy	2009-2010
Nicole Scarbrough	2010
Elizabeth Chen	2010
Ben Rothrauff, B.S.	2010
Nachshon Rothman (Israel)	2010
Eran Goldberg (Israel)	2010
Eric Eisner	2010

PUBLICATIONS

THESES

1. Woo, S.L-Y.: Elastic-Plastic Analysis in the Vicinity of a Crack Tip. M.S. Thesis, University of Washington, 1966. Thesis Professor: Albert S. Kobayashi, Ph.D.

2. Woo, S.L-Y.: Structural Analysis of a Corneo-Scleral Shell. Ph.D. Dissertation, University of Washington, 1971. Thesis Professor: Albert S. Kobayashi, Ph.D.

REFEREED JOURNAL ARTICLES

1. Kobayashi, A.S., Woo, S.L-Y., and Shah, R.C.: Plane-Stress, Elastic-Plastic States in the Vicinity of Crack Tips. NASA CR-772, 1967.

2. Wiederhielm, C.A., Kobayashi, A.S., Stromberg, D.D., and Woo, S.L-Y.: Structural Response of Relaxed and Constricted Arterioles. J. of Biomechanics, 1:259-270, 1968.

3. Kobayashi, A.S., Woo, S.L-Y., Lawrence, C., and Schlegel, W.A.: Analysis of Corneo-Scleral Shell by the Method of Direct Stiffness. J. of Biomechanics, 4:323-330, 1971.

4. Kobayashi, A.S. and Woo, S.L-Y.: Analysis of Biological Structures. Recent Advances in Matrix Methods in Structural Analysis and Design. The University of Alabama Press, Huntsville, pp. 837-853, 1971.

5. Coletti, J.M., Akeson, W.H., and Woo, S.L-Y.: A Comparison of the Physical Behavior of Normal Articular Cartilage and the Arthroplasty Surface. J. of Bone and Joint Surgery, 54A:147-160, 1972.

6. Woo, S.L-Y., Kobayashi, A.S., Schlegel, W., and Lawrence, C.: Nonlinear Mechanical Properties of Intact Cornea and Sclera. Experimental Eye Research, 14:29-39, 1972.

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