

New York Orthopaedic Hospital
Alumni Association Biennial Meeting



72nd Meeting

Friday & Saturday
April 20-21, 2007

THE WINTERGARDEN

Morgan-Stanley Children's Hospital
of New York-Presbyterian/Columbia Campus
3959 Broadway and 165th Street
1st Floor Lobby
New York, NY 10032

PROGRAM DESCRIPTION & OBJECTIVES

The objective of this meeting is to present a comprehensive review of current trends in orthopaedic surgery, emphasizing the orthopaedic surgical subspecialties of shoulder surgery, sports medicine, pediatrics, hand surgery and trauma. The program includes lectures and case presentations. Current residents in training are required to participate and will present cases to the alumni audience.

FACULTY

The following are on the faculty of the Department of Orthopaedic Surgery, Columbia University College of Physicians & Surgeons:

Christopher S. Ahmad, MD, Assistant Professor
Louis U. Bigliani, MD, Professor and Chairman
Theodore A. Blaine, MD, Assistant Professor
Jeffrey A. Geller, MD, Assistant Professor
Justin K. Greisberg, MD, Assistant Professor
Francis Y. Lee, MD, Associate Professor
William N. Levine, MD, Associate Professor
William B. Macaulay, MD, Associate Professor
Charles S. Neer II, MD, Emeritus Professor
Ohannes A. Nercessian, MD, Associate Professor
Melvin P. Rosenwasser, MD, Professor
David P. Roye, Jr., MD, Professor
Robert J. Strauch, MD, Associate Professor
Jonathan B. Ticker, MD, Assistant Clinical Professor
Michael G. Vitale, MD, Assistant Professor
Mark Weidenbaum, MD, Associate Professor

The following are faculty guest speakers:

Frank A. Cordasco, MD, MS, Associate Professor, Cornell University Weill-Cornell Medical College
Frances Cuomo, MD, Chief, Shoulder and Elbow Service Beth Israel Medical Center
Evan L. Flatow, MD, Professor and Chair, Mt. Sinai Medical Center
Craig R. Foster, MD, Danbury Orthopaedic Associates
Frank W. Jobe, MD, Clinical Professor, University of Southern California Keck School of Medicine
Tommy John, Former Major League Baseball Pitcher Great
Peter McCann, MD, Chair, Beth Israel Medical Center
Scott W. Wolfe, MD, Professor, Cornell University Weill-Cornell Medical College

The following are Post-Doctoral Residency Fellows in Orthopaedic Surgery at Columbia University College of Physicians & Surgeons:

Lan Chen, MD, Post-Doctoral Residency Fellow
Eric M. Gordon, MD, Post-Doctoral Residency Fellow
Carter B. Lipton, MD, Post-Doctoral Residency Fellow

The following are Post-Doctoral Clinical Fellows in Orthopaedic Surgery at Columbia University College of Physicians & Surgeons:

Richard Y. Kim, MD, Post-Doctoral Clinical Fellow
Matthew A. Kippe, MD, Post-Doctoral Clinical Fellow
Duong Nguyen, MD, Post-Doctoral Clinical Fellow

ACKNOWLEDGEMENTS

The Department of Orthopaedic Surgery acknowledges Arthrex and Zimmer for supporting this meeting.

Alan DeForest Smith Lecturers



Frank W. Jobe, MD was born in Greensboro, North Carolina and at the age of 18 joined the U.S. Army. He served in World War II from 1943 to 1946. He received his Medical Degree from Loma Linda University in Loma Linda, California in 1956 and completed his Internship at Los Angeles County Hospital in 1957, where he also completed his Residency in 1964. In 1964, Dr. Jobe co-founded the Kerlan-Jobe Orthopaedic Clinic in Los Angeles, California, and sailed into the uncharted waters of Sports Medicine. In 1978 he founded and became Medical Director of Centinela Hospital Medical Center's Biomechanics Laboratory. Dr. Jobe is recognized nationally and internationally for his excellence in the practice and research on orthopaedics and sports medicine. He has saved, extended and put back on course the careers of many amateur and

professional athletes. The techniques he used to do the Tommy John surgery are routine today, but what he attempted back in 1974 has never been tried before. It worked and triggered a sports medicine revolution. He also developed the muscle splitting approach to the shoulder for anterior instability, which has been used successfully on many pitchers. Dr. Jobe is Clinical Professor, Department of Orthopaedics, University of Southern California, Keck School of Medicine in Los Angeles, California. He has been the Orthopaedic Consultant to the Los Angeles Dodgers since 1968 and the PGA Tour and Senior PGA Tour since 1985. To date, Dr. Jobe has authored more than 140 medical publications, 27 book chapters and has authored 7 books. He has given hundreds of lectures on orthopaedics and sports injury related topics and has edited a textbook entitled "Operative Techniques in Upper Extremity Sports Injuries".



Tommy John, born in Terre Haute, Indiana, proved to the baseball world that serious physical problems do not necessarily drown the spirit of a true competitor. Despite rough beginnings and setbacks along the way, John eventually became one of the most well-known and inspiring Major League Baseball pitchers of all time. John's young age of only 20 years old at his major league debut for the Cleveland Indians on Sept. 6, 1963, caused him to struggle throughout his first two seasons as a pitcher. He went 0-2 for the Indians in 1963 and was 2-9 in 1964. After two years of disappointment, he was traded by the Indians to the Chicago White Sox. Over the course of the next seven seasons, John became a left handed control artist for the Chicago White Sox until his trade to the Los Angeles Dodgers in 1972. During his

1974 season, John permanently damaged the ulnar collateral ligament in his pitching arm, and a miraculous revolutionary surgical operation was performed. The operation, widely known today as Tommy John surgery, replaced the ligament in the elbow of his pitching arm with a tendon from his right forearm. The surgery was performed by Dr. Frank Jobe on Sept. 25, 1974. John spent the entire 1975 season recovering from the surgery, and surprised fans and players alike by returning to the Dodgers rotation in 1976. John went on to pitch until 1989 and earned 164 of his 288 victories after his surgery. According to the Elias Sports Bureau, John retired at 23rd on the all-time win list, sixth in games started, 17th in innings pitched and 26th in shutouts. In 1976 he was given the National League Comeback Player of the Year Award by The Sporting News and he remains the winningest pitcher in Major League Baseball history not to be elected into the Hall of Fame. Many players, including both Kerry Wood from the Chicago Cubs and John Smoltz from the Atlanta Braves, have benefited from Tommy John surgery, as the once revolutionary and experimental surgery has now become routine. In 1975, John was awarded the Hutch Award for displaying honor, courage and dedication to baseball both on and off the field. Despite the physical challenges, one of John's most notable achievements was the fact that he played for over 26 years, including stints with the Yankees, Dodgers, Angels and White Sox. He had three 20-win seasons, appeared in four All-Star games and played in four World Series.

Frank E. Stinchfield Lecturer



Scott W. Wolfe, MD, received his Medical Degree from Cornell University Medical College in New York, NY in 1984 and completed his Internship at St. Luke's-Roosevelt Hospital Center in New York. He completed his Residency at the Hospital for Special Surgery in New York in 1989. In 1990, he completed the Annie C. Kane Hand/Microvascular fellowship at New York Orthopaedic Hospital. Dr. Wolfe joined Yale University Department of Orthopaedics and Rehabilitation in 1990, where he developed and directed the Hand and Upper Extremity unit. Under his direction,

Yale received ACGME accreditation for its first Hand Fellowship program in 1996. Dr. Wolfe served as the Orthopedic Residency Director at Yale, and twice received the Wayne Southwick Teaching award in recognition of his outstanding commitment to resident education. Dr. Wolfe was awarded numerous local, regional, and national grants to fund an active Hand Biomechanics laboratory at Yale, culminating in NIH funding of his wrist kinematic research program. He was elected to a 3 year term on Council of the American Society for Surgery of the Hand, and was awarded the Sterling Bunnell Traveling Fellowship in 1998. Dr. Wolfe chaired and taught in multiple nationally and international courses and programs, and achieved the rank of Professor of Orthopedics and Master of Arts Privatum from Yale University in 1999. In 2000, Dr. Wolfe was recruited by the Hospital for Special Surgery, where he specializes in complex wrist reconstruction, as well as microsurgical reconstruction of adult brachial plexus injury. Dr. Wolfe's research has focused predominantly in biomechanical analyses of bone and soft tissue, wrist kinematics and *in vivo* motion analysis. He was awarded the Emanuel Kaplan award of the New York Society for Surgery of the Hand in 2005 for his pioneering work on wrist kinematics. Dr. Wolfe is Professor, Orthopaedic Surgery at Weill-Cornell Medical College in New York. He is Attending Surgeon at the Hospital for Special Surgery in New York, where he also is Chief and Fellowship Director of Hand and Upper Extremity Surgery and Director of Faculty Development.

Distinguished Alumnus Award



Charles S. Neer II, MD was born and raised in Oklahoma. Both his father and grandfather were physicians. He received his Medical Degree in 1942 from the University of Pennsylvania Medical School in Philadelphia, Pennsylvania, where he completed his Internship in 1943. His Residency at Columbia-Presbyterian Medical Center New York Orthopaedic Hospital in New York City was interrupted by World War II. During WW II, Dr. Neer served as an orthopaedic surgeon in a Field Hospital in the European Theater, in a Station Hospital in the Philippines, and in a General Hospital in Japan. He then Returned to Columbia and completed his residency in 1949. Following his graduation, he was appointed full-time staff at Columbia-Presbyterian Medical Center and Columbia University where he rose to become a tenured

Professor and in 1968 was appointed to Director of the Fracture Service and Chief of the Adult Orthopaedic Service.

In 1976, Dr. Neer developed the first Fellowship in Shoulder and Elbow Surgery and organized the Shoulder and Elbow Clinic at Presbyterian Hospital/Columbia-Presbyterian Medical Center. Since then over fifty fellows and countless visitors from all over the world have passed through this training program, many of whom have gone on to become the leaders in this field of surgery.

In the 1970's, he served on the inaugural Committee on Shoulder and Elbow Surgery, American Academy of Orthopaedic Surgeons. He was the Founding President of the American Shoulder and Elbow Surgeons in 1982. In 1987, Clinical Orthopaedics and Related Research dedicated a Volume to Dr. Neer for his contributions to shoulder surgery. This was an honor which prior to this had been given only posthumously. The Symposium reprinted as the "Classic Article" his classification of proximal humeral fractures and fracture-dislocations, the classification now used worldwide. Other Salient surgical contributions included the original proximal humeral and nonconstrained total shoulder systems for arthroplasties, subacromial decompression by anterior acromioplasty (which is now the most frequently used shoulder procedure done both open and arthroscopically), a system for repairing tears of the rotator cuff (which has been adopted all over the world), and a classification of shoulder dislocations and instability which introduced the important concept of acquired instability from repeated micro-trauma and emphasized the importance of multidirectional instability (now recognized as the most frequent cause of failure of standard repairs for recurrent dislocations).

Dr. Neer has been the Inaugural Speaker of Honor of virtually every major shoulder society in the world including Japan (1976 and again in 1984), North America (1982 and again 1991), European (1987 and 1990), and in 1989 became Patron of the Australian Shoulder Society. In 1987 he was made Membres D'Honneur of the French Orthopaedic Society (a unique honor for "services eminents" requiring the vote of the entire membership). He was the organizing Chairman, IV International Congress on Surgery of the Shoulder in 1989 which was attended by over 500 shoulder surgeons from all over the world. It was here that the concept was born of a truly international journal to be the official publication of all shoulder societies in every continent for a world-wide exchange never before achieved by any surgical specialty. Dr. Neer is now the Chairman, Founding Board of Trustees of this new Journal, The Journal of Shoulder and Elbow Surgery. He has a busy lecture schedule over the world. In 1991, he was made Member Onorario of the Italian Orthopaedic Society, and in 1992 the Inaugural Chairman of the International Board of Shoulder Surgery.

Dr. Neer retired in 1990 but he continues on the permanent staff as Consultant at the NewYork-Presbyterian Hospital in New York and as Emeritus Professor and Special Lecturer at Columbia University.

Friday, April 20, 2007

7:00 AM **Registration & Continental Breakfast**

7:45 AM **WELCOME**
Jonathan B. Ticker, MD
Louis U. Bigliani, MD

SESSION I: RESEARCH
Moderator: Christopher S. Ahmad, MD

8:00 AM **The New Era of the Center for Orthopaedic Research**
Francis Y. Lee, MD

8:20 AM **Pediatric Orthopaedic Research Group: An Update**
Michael G. Vitale, MD

8:40 AM **The Trauma Training Center in 2007**
Melvin P. Rosenwasser, MD

9:00 AM **The Center for Hip and Knee Replacement**
William B. Macaulay, MD

9:20 AM **The Department of Orthopaedic Surgery Today**
Louis U. Bigliani, MD

9:40 AM **BREAK**

SESSION II: PEDIATRICS
Moderator: Michael G. Vitale, MD

10:00 AM **What's New in Scoliosis Surgery**
Michael G. Vitale, MD

10:15 AM **Orthopaedics Overseas: Children of China Pediatric Foundation**
David P. Roye, Jr., MD

10:30 AM **Point-Counterpoint – Controversies in Pediatric Trauma**
David P. Roye, Jr., MD
Michael G. Vitale, MD

SESSION III: CASE PRESENTATIONS

11:30 AM **AC Joint and Clavicle – Evolution and Treatment**
Lan Chen, MD
Eric M. Gordon, MD
Carter B. Lipton, MD
Matthew A. Kippe, MD
Duong Nguyen, MD

12:30 PM **BUSINESS MEETING**

1:00 PM **LUNCH**

Friday, April 20, 2007 (*continued*)

- SESSION IV: MISCELLANEOUS**
Moderator: Robert J. Strauch, MD
- 2:00 PM **Wrist Denervation for Chronic Wrist Pain**
Robert J. Strauch, MD
- 2:20 PM **Thermal Shrinking for Scapholunate Instability**
Richard Y. Kim, MD
- 2:40 PM **Gender Specific Female Total Knee Replacement...Does it Matter?**
Jeffrey A. Geller, MD
- 3:00 PM **Working Towards the Prevention of Post-Traumatic Arthritis**
Justin K. Greisberg, MD
- 3:20 PM **Pelvic Incidence: A New Way of Looking at Spondylolisthesis**
Mark Weidenbaum, MD
- 3:40 PM **BREAK**
- 4:00 PM **FRANK E. STINCHFIELD LECTURE**
From Mentor to Manuscript: Why Choose Academics?
Scott W. Wolfe, MD
- 5:00 PM **ADJOURN**
- 5:00-7:00 PM **COCKTAIL RECEPTION**
The Wintergarden
Morgan-Stanley Children's Hospital Lobby
- 8:00 -10:30 PM **ALUMNI MIXER AT PROHIBITION**
503 Columbus Avenue (bet. 84th and 85th Streets)
New York, NY 10024
(212) 579-3100
<http://www.prohibition.net/>
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Saturday, April 21, 2007

7:00 AM	Continental Breakfast
SESSION V:	SHOULDER, ELBOW AND SPORTS MEDICINE <i>Moderator: William N. Levine, MD</i>
8:00 AM	Inflammatory Mediators of the Subacromial Space <i>Theodore A. Blaine, MD</i>
8:20 AM	Optimizing Arthroscopic Rotator Cuff Repair <i>Christopher S. Ahmad, MD</i>
8:40 AM	The Incidence of Subscapularis & Biceps Tears Encountered During Arthroscopic Posterosuperior Rotator Cuff Repair <i>Jonathan B. Ticker, MD</i>
9:00 AM	ALAN DEFOREST SMITH LECTURE Tommy John on Tommy John Surgery: An Athlete's Experience <i>Frank W. Jobe, MD</i> <i>Tommy John</i>
10:00 AM	BREAK
10:30 AM	<u>NEER SYMPOSIUM</u>
10:30 AM	Introduction <i>Louis U. Bigliani, MD</i>
10:40 AM	Contributions to the World of Fractures <i>Frances Cuomo, MD</i>
10:50 AM	Glenohumeral Instability (Multidirectional) <i>Craig R. Foster, MD</i>
11:00 AM	Subacromial Impingement and Rotator Cuff Tears <i>Frank A. Cordasco, MD</i>
11:10 AM	Shoulder Rehabilitation <i>Peter McCann, MD</i>
11:20 AM	Shoulder Arthroplasty <i>Evan L. Flatow, MD</i>
11:30 AM	DISTINGUISHED ALUMNUS AWARD Charles S. Neer II, MD
12:00 PM	ADJOURN
6:30 – 11:00 PM	BANQUET (BLACK TIE) 6:30 PM COCKTAIL RECEPTION FOLLOWED BY 7:30 PM DINNER / DANCE The New York Yacht Club 37 West 44 th Street, New York, NY