ALUMNI ASSOCIATION

97TH ANNUAL MEETING

OCTOBER 22–24, 2015
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Program Agenda

19 Thursday, October 22, 2015
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24 Saturday, October 24, 2015

Program Information

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36 Activity Faculty

On the cover, top to bottom:

Norman A. Johanson, MD and David B. Levine, MD
Bruce H. Moeckel, MD, Jose A. Rodriguez, MD and Henry A. Backe Jr., MD
In tribute to Dr. Moeckel, who passed away on October 1, 2015.
Clemente Ibarra, MD, PhD and Mathias P. Bostrom, MD, FACS
STATEMENT OF NEED
The field of musculoskeletal medicine is a constantly changing discipline. New treatments and techniques are in development and the effectiveness of current methods is continually evaluated. Clinicians must remain up-to-date on information regarding newly developed therapies and existing treatments for musculoskeletal conditions to improve their professional practice. In addition, they should be familiar with a systematic framework to determine when new technology is or is not in their patients’ best interest. To assist its alumni in this endeavor, Hospital for Special Surgery hosts the Alumni Association Meeting each year, which allows the hospital’s alumni to share best practices in musculoskeletal medicine and collectively address emerging topics. While there are many emerging topics to address within the field of musculoskeletal health, the Alumni Association Meeting Planning Committee identified select professional practice gaps to focus on at the 97th Annual Alumni Association Meeting after reviewing participant evaluations from the 2014 meeting. Chosen topics to be discussed are noted in the learning objectives below.

LEARNING OBJECTIVES
HSS continuing medical education activities are intended to improve the quality of patient care and safety. At the conclusion of the course, the participant should be able to:

- Recognize the benefits, such as skill retention and teaching efficacy, of using videos in their teaching, and to be able to appropriately integrate videos into pedagogy.
- Identify risk factors associated with cardiovascular comorbidity in persons with rheumatoid arthritis and will be able to define and employ an approach for managing risks.
- Report indicators for surgical intervention, appropriate techniques and expected outcomes from procedures in rotator cuff and cartilage repair such as those for partial cuff tears, full thickness tears and irreparable tears.
Describe how stakeholders measure value differently and the transition from a traditional fee-for-service payment method to a value-based payment method.

Identify the benefits of non-operative management to treat Achilles ruptures.

Discuss how mechanical factors are sensed by bone cells and explain how these signals can modulate bone remodeling and adaptation.

Report how the osteocyte functions, how it affects other organs and how osteocyte-targeted therapeutics can be used to treat bone and non-bone disease.

Compare different practice models and explain the challenges and advantages of working within different environments including solo and small group practices as well as academic and priv-academia models.

Identify modern techniques in spinal surgery and be able to implement current clinical applications in adult deformity, pediatric, minimally invasive and robotic cases.

Articulate the positives and negatives of standard approaches to obtain growth arrest in children with limb length inequality such as epiphysiodesis screws and drills.

Recite two standard approaches to reconstruct the anterior cruciate ligament in the skeletally immature patient, epiphyseal ACL and extra-epiphyseal ITB technique.

Discuss important and essential factors to consider and weigh when they have the opportunity to introduce new technologies into their practice.

Be able to evaluate using a systematic framework when it is in their patients’ best interest to use technology.

Identify the most common reasons for revision knee arthroplasty, such as infection, implant loosening, or component revision, and describe new techniques for performing revision knee arthroplasty, like single-stage revision.
ACCREDITATION AND CREDIT DESIGNATION
Hospital for Special Surgery is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Hospital for Special Surgery designates this live activity for a maximum of 15.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

TARGET AUDIENCE
This activity is targeted to physicians and scientists working in the specialties of orthopaedics, rheumatology, radiology, anesthesiology, pediatrics, physiatry, pathology and neurology including HSS alumni and current residents, fellows and clinical staff.

FACULTY DISCLOSURE
In accordance with the Accreditation Council for Continuing Medical Education’s Standards for Commercial Support, all CME providers are required to disclose to the activity audience the relevant financial relationships of the activity directors, planning committee members, presenters, authors and staff involved in the development of CME content. An individual has a relevant financial relationship if he or she has a financial relationship in any amount occurring in the last 12 months with a commercial interest whose products or services are discussed in the CME activity content over which the individual has control.

It is the policy of Hospital for Special Surgery to request all financial relationships that activity directors, planning committee members, presenters, authors and staff have with commercial interests, but to disclose to the activity audience only the relevant financial relationships.

These relationships can be found in this program on pages 30–34.

For more information, please contact:
Colleen O’Shea, MPA
Manager, Alumni Affairs
Education & Academic Affairs
Tel: 212.606.1823
Email: osheac@hss.edu
Alumni Officers

Mathias P. Bostrom, MD, FACS
2015 President

Shevaun M. Doyle, MD
Secretary/Treasurer

Robert E. Atkinson, MD
2016 President-Elect

Alumni Office

David B. Levine, MD
Director, Alumni Affairs

Daniel S. Rich, MD
Associate Director, Alumni Affairs

Education & Academic Affairs Alumni Administrators

Allison Goldberg, MPA
Director
Professional Education

Marcia Ennis
Director, Education Publications and Communications

Martha O’Brasky, MPA
Assistant Vice President
Administrative Director, Alumni Affairs

Colleen O’Shea, MPA
Manager, Alumni Affairs

Devin Seelman
Coordinator, Alumni Affairs

ALUMNI ASSOCIATION COMMITTEES

Alumni Affairs Committee

David B. Levine, MD, Chair
Todd J. Albert, MD
Michael M. Alexiades, MD
Adele L. Boskey, PhD
Mathias P. Bostrom, MD, FACS
Vincenzo Castellano, MD
Alexander Christ, MD
Charles N. Cornell, MD
Matthew E. Cunningham, MD, PhD
Gregory S. DiFelice, MD
Shevaun M. Doyle, MD
Lawrence V. Gulotta, MD
Allan E. Inglis Jr., MD
Lana Kang, MD
Richard S. King, MD
Kanupriya Kumar, MD
Jason Lehman, MD
John P. Lyden, MD
Joseph A. Markenson, MD
Alexander S. McLawhorn, MD, MBA
Patrick V. McMahon, MD
Douglas N. Mintz, MD
Martha O’Brasky, MPA
Martin J. O’Malley, MD
Colleen O’Shea, MPA
Brian Rebolledo, MD
Daniel S. Rich, MD
Thomas P. Sculco, MD
Apostolos Tambakis, MD
Thomas L. Wickiewicz, MD
Phillip Williams, MD
Alumni Meeting Planning Committee

**Todd J. Albert, MD, Chair**
Charles N. Cornell, MD
Mary K. Crow, MD
Mathias P. Bostrom, MD, FACS
Emily R. Dodwell, MD, MPH, FRCSC
Shevaun M. Doyle, MD
Allison Goldberg, MPA
Steven R. Goldring, MD
Steven B. Haas, MD
Bryan T. Kelly, MD
Han Jo Kim, MD
Kanupriya Kumar, MD
David B. Levine, MD
Gregory A. Liguori, MD
Susanne Maher, PhD
Patrick V. McMahon, MD
Peter J. Moley, MD
Danyal H. Nawabi, MD, FRCS
Martha O’Brasky, MPA
Colleen O’Shea, MPA
Douglas E. Padgett, MD
Bernard A. Rawlins, MD
Daniel S. Rich, MD
Matthew M. Roberts, MD
S. Robert Rozbruch, MD
Thomas P. Sculco, MD
Thomas L. Wickiewicz, MD
Timothy M. Wright, PhD

Alumni News Editorial Committee

**Marcia Ennis, Editor**
Todd J. Albert, MD
Mathias P. Bostrom, MD, FACS
Mary K. Crow, MD
Shevaun M. Doyle, MD
David B. Levine, MD
Joseph A. Markenson, MD
Patrick V. McMahon, MD
Martha O’Brasky, MPA
Colleen O’Shea, MPA
Daniel S. Rich, MD
Thomas P. Sculco, MD
Sabrina M. Strickland, MD
Thomas L. Wickiewicz, MD

Finance Subcommittee of Alumni Affairs Advisory Committee

**Shevaun M. Doyle, MD, Chair**
Todd J. Albert, MD
Mathias P. Bostrom, MD, FACS
Lawrence V. Gulotta, MD
Lana Kang, MD
David B. Levine, MD
Patrick V. McMahon, MD
Joseph A. Markenson, MD
Douglas N. Mintz, MD
Martha O’Brasky, MPA
Colleen O’Shea, MPA
Daniel S. Rich, MD
Thomas P. Sculco, MD
Thomas L. Wickiewicz, MD
WHO’S WHO IN THE HSS ALUMNI ASSOCIATION (continued)

Archives Committee

David B. Levine, MD, Chair
Andrew A. Sama, MD, Associate Director
Marcia Ennis
Indira Garcia
Rie Goto, MSLIS
Pamela Kerns, Archivist

John P. Lyden, MD
Alexander S. McLawhorn, MD, MBA
Lisa A. Mix, MLA
Colleen O’Shea, MPA
Anil S. Ranawat, MD
Matthew M. Roberts, MD
Timothy Roberts, MLS
Thomas P. Sculco, MD

HSS ALUMNI ASSOCIATION OFFICERS

Past Presidents
Virgil P. Gibney, MD  1913-15
Clarence L. Starr, MD  1916-17
No meeting: War years  1917-18
A. R. Shands, MD  1919-20
William T. Shields, MD  1920-22
F. W. Gilday, MD  1922-23
E. W. Hannock, MD  1923-25
John A. Brooke, MD  1925-26
A. Mackenzie Forbes, MD  1926-28
Charlton Wallace, MD  1928-30
Lewis Clark Wagner, MD  1930-31
Earl Van Derweker, MD  1931-32
Percy W. Roberts, MD  1932-33
Lewis Clark Wagner, MD  1933-34
Armitage Whitman, MD  1934-35
Richmond Stephens, MD  1935-36
No meeting 1936-37
Andrew R. MacAusland, MD  1937-38
Walter Craig, MD  1938-39
Paul Colonna, MD  1939-40
Earl Van Derwerker, MD  1940-41
Frank A. Purcell, MD  1941-42
Barney Owens, MD  1942-43
No meeting: War years  1943-46
Francis J. Carr, MD  1947-48
Theodore A. Willis, MD  1948-49
Toufick Nicola, MD  1949-50
Burr H. Curtis, MD  1950-51
Rufus A. Aldredge, MD  1951-52
Walter C. Graham, MD  1952-53
Arthur A. Thibodeau, MD  1953-54
J. Gordon Petrie, MD  1954-55
Albert C. Schmidt, MD  1955-56
John J. Flanagan, MD  1956-57
Reginald C. Farrow, MD  1957-58
Joseph H. Boland, MD  1958-59
Donald W. Blanche, MD  1959-60
Frank F. Parrish, MD  1960-61
Paul C. Colonna, MD  1961-62
John R. Cobb, MD  1962-63
T. Campbell Thompson, MD  1963-64
HSS ALUMNI
ASSOCIATION OFFICERS (continued)

Frank W. Teague, MD  1964-65
Theodore A. Lynn, MD  1965-66
Lee Ramsay Straub, MD  1966-67
William F. Donaldson, MD  1967-68
Homer C. Pheasant, MD  1968-69
Ernest M. Burgess, MD  1969-70
Paul H. Curtiss, Jr., MD  1970-71
Vincent J. Turco, MD  1971-72
Michael M. Donovan, MD  1972-73
Richard P. Embick, MD  1973-74
J. Paul Harvey, Jr., MD  1974-75
Robert L. Patterson, Jr., MD 1975-76
James A. Nicholas, MD  1976-77
Charles H. Herndon, MD  1977-78
Harlan C. Amstutz, MD  1978-79
Philip D. Wilson, MD  1979-80
Peter V.C. Dingman, MD  1980-81
Bernard Jacobs, MD  1981-82
Americo A. Savastano, MD  1982-83
Alexander Hersh, MD  1983-84
John D. Haugh, MD  1984-85
Allan E. Inglis, MD  1985-86
Alan Pavel, MD  1986-87
David B. Levine, MD  1987-88
Victor M. Goldberg, MD  1988-89
Leon Root, MD  1989-90
Clifford W. Colwell, Jr., MD  1990-91
Russell F. Warren, MD  1991-92
Chitranjan S. Ranawat, MD  1992-93
Paul A. Lotke, MD  1993-94
John P. Lyden, MD  1994-95
Michael F. Rodi, MD  1995-96
Thomas P. Sculco, MD  1996-97
Merrill A. Ritter, MD  1997-98
Eduardo A. Salvati, MD  1998-99
Norman N. Johanson, MD  1999-00
Patrick F. O’Leary, MD  2000-01
Paolo Aglietti, MD  2001-02
Joseph M. Lane, MD  2002-03
Serena S. Hu, MD  2003-04
Charles N. Cornell, MD  2004-05
Gary M. Gartsman, MD  2005-06
Paul M. Pellicci, MD  2006-07
Harry J. Robinson, Jr., MD  2007-08
Thomas L. Wickiewicz, MD  2008-09
Patrick V. McMahan, MD  2009-10
Jon B. Wang, MD  2010-11
Domenick J. Sisto, MD  2011-12
Daniel S. Rich, MD  2012-13
Bernard N. Stulberg, MD  2013-14
Mathias P. Bostrom, MD, FACS 2014-15

Past Secretary/Treasurers
Charles Ogilvy, MD  1913-16
Richmond Stephens, MD  1919-20
Isadore Zadek, MD  1920-21
Earle E. Van Derwerker, MD  1922-23
Touflick Nicola, MD  1924-25
Irwin Balensweig, MD  1925-27
Lewis Clark Wagner, MD  1928-32
Francis Carr, MD  1933-38
Peter Cyrus Rizzo, MD  1939-40
John J. Flanagan, MD  1940-41
Frederick Vom Saal, MD  1941-42
No meeting: War years  1942-46
Lewis Clark Wagner, MD  1946-48
Henry P. Lange, MD  1948-49
Lewis Clark Wagner, MD  1949-61
Peter Cyrus Rizzo, MD  1961-68
Bernard Jacobs, MD  1968-75
David B. Levine, MD  1975-82
Thomas D. Rizzo, MD  1982-89
John P. Lyden, MD  1989-94
Charles N. Cornell, MD  1994-01
Paul M. Pellicci, MD  2001-04
Riley J. Williams III, MD  2004-08
Douglas N. Mintz, MD  2008-11
Shevaun M. Doyle, MD  2011-
PAST PRO-TEMPORE

CHIEF LECTURERS

Philip D. Wilson, MD, Orthopaedic Lecturers

**Surgeon-in-Chief Pro-Tempore**

<table>
<thead>
<tr>
<th>Surgeon-in-Chief Pro-Tempore</th>
<th>Year</th>
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<tbody>
<tr>
<td>Jose Valls, MD</td>
<td>1964</td>
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<td>Otto E. Aufranc, MD</td>
<td>1965</td>
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<td>H. Relton McCarrol, MD</td>
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<td>Robert Merle d’Aubigne, MD</td>
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<td>Carroll B. Larson, MD</td>
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<td>Ian Macnab, MD</td>
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<td>Sir Henry Osmand-Clarke</td>
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<td>George T. Aitken, MD</td>
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<td>Harold B. Boyd, MD</td>
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<td>Vernon L. Nickel, MD</td>
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<td>Fred C. Reynolds, MD</td>
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<td>Henry J. Mankin, MD</td>
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<td>G. Dean MacEwen, MD</td>
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<td>John C. Kennedy, MD</td>
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<td>Walter A. Hoyt, Jr., MD</td>
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<td>Mark B. Coventry, MD</td>
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<td>John C. Wilson, Jr., MD</td>
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<td>John J. Gartland, MD</td>
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<td>Prof. Emile Letournel</td>
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<td>Edward D. Henderson, MD</td>
<td>1983</td>
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<td>Prof. Pier Giorgio Marchetti</td>
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<td>Jorge O. Galante, MD</td>
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<td>Sherman S. Coleman, MD</td>
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<td>Jo Miller, MD</td>
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<td>Maurice E. Muller, MD</td>
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<td>Peter Herberts, MD</td>
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<td>Marvin Tile, MD</td>
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<td>Charles A. Rockwood, Jr., MD</td>
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<td>David S. Bradford, MD</td>
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<td>John N. Insall, MD</td>
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<td>Michael W. Chapman, MD</td>
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<td>Victor M. Goldberg, MD</td>
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<td>Ramond T. Morrissy, MD</td>
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<td>Clive P. Duncan, MD</td>
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<td>Richard J. Hawkins, MD</td>
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<td>Roland P. Jakob, MD</td>
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<td>Joseph Buckwalter, MD</td>
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<td>Joshua J. Jacobs, MD</td>
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<td>Charles M. Court-Brown, MD</td>
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<td>Frederick A. Matsen III, MD</td>
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<td>Michael Millis, MD</td>
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<td>Charles L. Saltzman, MD</td>
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<td>Freddie H. Fu, MD</td>
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<td>Gunnar B.J. Andersson, MD, PhD</td>
<td>2010</td>
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<tr>
<td>Michael Leunig, MD</td>
<td>2011</td>
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<tr>
<td>Robin R. Richards, MD, FRCSC</td>
<td>2012</td>
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<td>David W. Murray, MA, MD, FRCS (Orth)</td>
<td>2013</td>
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<tr>
<td>Serena S. Hu, MD</td>
<td>2014</td>
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</tbody>
</table>

Richard H. Freyberg, MD, Lecturers

**Physician-in-Chief Pro-Tempore**

<table>
<thead>
<tr>
<th>Physician-in-Chief Pro-Tempore</th>
<th>Year</th>
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<tbody>
<tr>
<td>Alexander Gutman, MD</td>
<td>1970</td>
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<tr>
<td>Eric G. L. Bywaters, MD</td>
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<td>Charles L. Short, MD</td>
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<td>John L. Decker, MD</td>
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<td>Daniel J. McCarty, MD</td>
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<td>J. Frank Austen, MD</td>
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<td>Ralph C. Williams, Jr., MD</td>
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<td>Stephen M. Krane, MD</td>
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<td>J. Claude Bennett, MD</td>
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<td>Nathan J. Zvaifler, MD</td>
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<td>David S. Howell, MD</td>
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<td>W. Watson Buchanan, MD</td>
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<td>Mart Mannik, MD</td>
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<td>Eng M. Tan, MD</td>
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<td>Ira M. Goldstein, MD</td>
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<td>William J. Koopman, MD</td>
<td>1985</td>
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<td>John D. Stobo, MD</td>
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<td>Dwight R. Robinson, MD</td>
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<td>E. Carwile LeRoy, MD</td>
<td>1988</td>
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<td>Name</td>
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<tr>
<td>Peter E. Lipsky, MD</td>
<td>1989</td>
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<td>Dennis A. Carson, MD</td>
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<td>John P. Atkinson, MD</td>
<td>1991</td>
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<td>Frank C. Arnett, Jr., MD</td>
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<td>R.N. Mani, MD</td>
<td>1993</td>
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<td>John A. Hardin, MD</td>
<td>1994</td>
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<tr>
<td>Paul H. Plotz, MD</td>
<td>1995</td>
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<tr>
<td>Bevra H. Hahn, MD</td>
<td>1996</td>
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<td>William P. Arend, MD</td>
<td>1997</td>
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<tr>
<td>Matthew H. Liang, MD</td>
<td>1998</td>
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<td>David Wofsky, MD</td>
<td>1999</td>
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<td>Brian L. Kotzin, MD</td>
<td>2000</td>
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<td>Josef S. Smolen, MD</td>
<td>2001</td>
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<td>Gary S. Firestein, MD</td>
<td>2002</td>
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<td>David S. Pistesky, MD</td>
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<td>Ellen M. Gravallese, MD</td>
<td>2004</td>
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<td>Paul Emery, MD</td>
<td>2005</td>
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<td>Robert Davies Inman, MD</td>
<td>2006</td>
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<td>Lars Klareskog, MD</td>
<td>2007</td>
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<td>Cornelia M. Weyand, MD, PhD</td>
<td>2008</td>
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<td>V. Michael Holers, MD</td>
<td>2009</td>
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<td>Robert P. Kimberly, MD</td>
<td>2010</td>
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<td>Leslie J. Crofford, MD</td>
<td>2011</td>
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<td>David T. Felson, MD, MPH</td>
<td>2012</td>
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<tr>
<td>Haralampos M. Moutsopoulos, MD, FACP, FRCP(hc), Master ACR</td>
<td>2013</td>
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<tr>
<td>Georg Schett, MD</td>
<td>2014</td>
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<tr>
<td>Torsten N. Wiesel, MD, Lecturers</td>
<td>2004</td>
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<tr>
<td>Chief Scientist Pro-Tempore</td>
<td></td>
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<tr>
<td>Rocky S. Tuan, PhD</td>
<td>2004</td>
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<td>Stephen I. Katz, MD, PhD</td>
<td>2005</td>
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<td>Regis O'Keefe, MD, PhD</td>
<td>2006</td>
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<td>Linda Sandell, PhD</td>
<td>2007</td>
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<td>Thomas A. Einhorn, MD</td>
<td>2008</td>
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<td>Farshid Guilak, PhD</td>
<td>2009</td>
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<td>David Burr, PhD</td>
<td>2010</td>
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<tr>
<td>Matthew L. Warman, MD</td>
<td>2011</td>
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<tr>
<td>Henry M. Kronenberg, MD</td>
<td>2012</td>
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<tr>
<td>Roland E. Baron, DDS, PhD</td>
<td>2013</td>
</tr>
<tr>
<td>Clifford J. Rosen, MD</td>
<td>2014</td>
</tr>
</tbody>
</table>
Mathias P. Bostrom, MD, FACS

*Resident 1995, Fellow 1996*

Attending Orthopaedic Surgeon
Vice-chairman of Education & Academic Affairs
Chief of Hip Service
Program Director, Orthopaedic Surgery Residency
Program Director, Adult Reconstruction & Joint Replacement Service Fellowship
Eduardo A. Salvati, MD, Chair in Hip Arthroplasty
Hospital for Special Surgery
Professor of Orthopaedic Surgery
Weill Cornell Medicine
Honored Guest Speakers

Surgeon-in-Chief Pro-Tempore

Daniel J. Berry, MD
L. Z. Gund Professor of Orthopaedic Surgery
Department of Orthopaedic Surgery
Mayo Clinic College of Medicine
Orthopaedic Surgeon
Mayo Clinic
Rochester, MN

Physician-in-Chief Pro-Tempore

Sherine E. Gabriel, MD, MSc
Dean
Professor of Medicine
Rutgers Robert Wood Johnson Medical School
CEO
Rutgers Robert Wood Johnson Medical Group
New Brunswick, NJ
Dean Emeritus
Mayo Clinic College of Medicine
Rochester, MN
Honored Guest Speakers
(continued)

Chief Scientist Pro-Tempore

Lynda F. Bonewald, PhD
Director, Kansas City Consortium on Musculoskeletal Diseases
Director, UMKC CEMT
Director, School of Dentistry Mineralized Tissues Research Program
UM Curator’s Professor
Dental and Mineralized Tissues Chair
University of Missouri-Kansas City
Kansas City, MO

8th Annual HSS Faculty Development Seminar Speaker

David R. Farley, MD
Professor of Surgery
Mayo Clinic College of Medicine
Rochester, MN
2015 Distinguished Alumnus Award

Bruce Reider, MD

*Resident 1980, Fellow 1977*

Editor-in-Chief

*Americal Journal of Sports Medicine*

*Orthopaedic Journal of Sports Medicine*

Professor of Orthopaedic Surgery, Emeritus

University of Chicago

Chicago, IL

In 2004, the Distinguished Alumnus Award was created to acknowledge an exemplary alumnus who has shown leadership and/or has had special recognition in his/her professional specialty and has actively participated in HSS Alumni Affairs.

**FORMER Awardees**

John J. Callaghan, MD, 2014
Norman A. Johanson, MD, 2013
Paul A. Lotke, MD, 2012
Merill A. Ritter, MD, 2011
Harlan Amstutz, MD, 2010
Victor M. Goldberg, MD, 2009
Clifford W. Colwell, Jr., MD, 2008
Chitranjan S. Ranawat, MD, 2007
Allan E. Inglis, MD, 2006
David B. Levine, MD, 2005
Charles L. Christian, MD, 2004
Alumni Awards
(continued)

2015 Pier Giorgio Marchetti, MD, Award

George A.C. Murrell, MD, PhD

Fellow 1995

Director, Orthopaedic Research Institute
Conjoint Professor
University of New South Wales
The St. George Hospital Campus
Sydney, NSW, Australia

This award was established in 2010 and is given to recognize outstanding lifetime achievement in orthopaedic surgery by an international fellow who trained at HSS.

FORMER AWARDEES
Clemente Ibarra, MD, PhD, 2014
Eloisa Bonfá, MD, PhD, 2013
Ching-Chuan Jiang, MD, PhD, MBA, 2012
Michael Soudry, MD, 2011
Pier Giorgio Marchetti, MD, 2010
Andrew N. Swanson, MD, Memorial Spine Award

Baron S. Lonner, MD
Chief, Division of Spine Surgery
Mount Sinai Beth Israel
Professor of Orthopaedic Surgery
New York, NY

The Andrew N. Swanson, MD, Memorial Spine Award was developed in 2009 to honor the memory of Dr. Swanson. It is awarded to an HSS alumnus who has excelled in spine education, research, practice or humanitarian efforts.

FORMER Awardees
Matthew E. Cunningham, MD, PhD, 2014
Elias C. Papadopoulos, MD, 2013
David H. Clements III, MD, 2012
Serena S. Hu, MD, 2011
John T. Braun, MD, 2010
Alumni Awards
(continued)

Georgette “Gigi” Viellion, RN, ONC, Orthopaedic Nursing Education Endowed Scholarship Award

Christine McMorrow Mironenko, AGNP-BC, ONP

The Georgette “Gigi” Viellion, RN, ONC, Orthopaedic Nursing Education Endowed Scholarship Award was created to celebrate the life and legacy of Gigi and her dedication to the education and the advancement of nursing practice.

Lance Peters, MD, Memorial Biomechanics Award

Albert O. Gee, MD

The Lance Peters, MD, Memorial Biomechanics Award was developed by the Office of the Alumni Affairs in collaboration with the Residency Class of 1999 to honor the memory of Dr. Peters. It is awarded to a current or recent HSS-trained researcher for an outstanding published paper in biomechanics research.

FORMER Awardees
Michael B. Cross, MD, 2014
Danyal H. Nawabi, MD, FRCS, 2013
Mark M. Dolan, MD, 2012
Poster Presentations

Philip D. Wilson, MD, Award

Lauren H. Redler, MD

The Philip D. Wilson, MD, Award is presented to a fellow for excellence in orthopaedic surgery research.

Charles L. Christian, MD, Musculoskeletal Research Award

KonstantinosLoupasakisis, MD

The Charles L. Christian, MD, Musculoskeletal Research Award is presented to a fellow for excellence in musculoskeletal research.

Lewis Clark Wagner, MD, Award

Alexander S. McLawhorn, MD, MBA

The Lewis Clark Wagner, MD, Award is presented to a resident for excellence in orthopaedic clinical/translational research.

Russell F. Warren, MD, Research Award

Benjamin F. Ricciardii, MD

and

Joseph J. Schreiber, MD

The Russell F. Warren, MD, Research Award is presented to a resident for excellence in orthopaedic basic/translational research.
3:00–6:00 pm
8th Annual HSS Faculty Development Seminar
Moderators: Anne M. Kelly, MD and Scott W. Wolfe, MD
Speaker: David R. Farley, MD

3:00 pm
Preemptive Learning: A Multi-Modality Approach to Surgical Training
This session is mandatory for residents; fellows, attendings, and alumni are welcome to attend.

4:00 pm
Surgical X-Games: Can You Make the Cut?
Residents, fellows, attendings, and alumni are invited to attend this session.

5:00 pm
Spouse/Guest Program*
Museum of the City of New York, 1220 Fifth Avenue

6:30 pm
HSS Annual Alumni Reception*
Museum of the City of New York, 1220 Fifth Avenue

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 2
Friday, October 23, 2015

Presiding: Todd J. Albert, MD

7:00–8:00 am
Resident Case Presentations and Discussion
Moderators: Todd J. Albert, MD and Daniel J. Berry, MD

8:00 am
Charles L. Christian, MD, Distinguished Lecture
Defining Value in MSK Care Within Context of Emerging New Models of Healthcare Delivery
Physician-in-Chief Pro-Tempore: Sherine E. Gabriel, MD, MSc
   8:20 am  Discussion

8:30–9:30 pm
Symposium: Rotator Cuff/Cartilage Repair
Moderators: Peter J. Millett, MD and Thomas L. Wickiewicz, MD
   8:30 am  Partial Cuff Tears
            Lawrence V. Gulotta, MD
   8:40 am  Full Thickness Tears
            Peter J. Millett, MD
   8:50 am  The Irreparable RCT: What Can I Do If Not Reverse Prosthesis
            Jon J. P. Warner, MD
   9:00 am  Discussion

9:30–10:30 am
Symposium: Measuring Value – What Are Stakeholders Saying?
Moderator: Todd J. Albert, MD
   9:30 am  The Surgeon’s Perspective
            Daniel J. Berry, MD
   9:40 am  The Hospital’s Perspective
            Louis A. Shapiro, CEO
   9:50 am  The Third Party Payer’s Perspective
            Steven H. Stern, MD, MBA
   10:00 am Discussion

10:30–10:40 am
1995 Class Presentation
S. Robert Rozbruch, MD

10:40–10:50 am  Break

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 2
Friday, October 23, 2015 (continued)

10:50–11:50 am
Debates
Moderator: Douglas E. Padgett, MD

10:50 am How Registries Can Be Used – Strengths vs. Weaknesses
Vinicius Antao, MD, MSc, PhD vs. Robert N. Hotchkiss, MD

11:10 am Achilles Repair – Surgery or Not?
Mark C. Drakos, MD vs. Jeremy LaMothe, MD, PhD, FRCSC

11:30 am Ambulatory Total Joint Arthroplasty
Sean Garvin, MD vs. Mandip Kalsi, MD

11:50 am–1:00 pm Lunch (Business Meeting)*

Presiding: Clifford W. Colwell Jr., MD

1:00–2:00 pm
Symposium: Role of Biomechanical Factors in Joint Tissue Remodeling
Moderators: Joseph Borrelli, Jr., MD and Lionel B. Ivashkiv, MD

1:00 pm Role of the Osteocyte in Bone Adaptation
Lynda F. Bonewald, MD

1:08 pm Effect of Joint Injury on Loading Patterns in Articular Cartilage
Suzanne Maher, PhD

1:16 pm Mechanisms of Osseointegration of Orthopaedic Implants
Mathias P. Bostrom, MD, FACS

1:24 pm Role of Biomechanical Factors in Osteoarthritis Pathogenesis
Marjolein C. H. van der Meulen, PhD

1:32 pm Discussion

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 2
Friday, October 23, 2015 (continued)

Presiding: Todd J. Albert, MD

2:00–2:30 pm
Award Session*

2:00 pm  Distinguished Alumnus Award
Publishing in Orthopaedic Sports Medicine: Past, Present and Future
Bruce Reider, MD

2:10 pm  Andrew N. Swanson, MD, Memorial Spine Award
Baron S. Lonner, MD

2:15 pm  Philip D. Wilson, MD, Award
Lauren H. Redler, MD
Catastrophic Anisometry of Medial Patellofemoral Ligament Reconstruction in the Setting of Patella Alta and Increased Tibial Tubercle-Trochlear Groove (TT-TG) Distance

■ Charles L. Christian, MD, Musculoskeletal Research Award
Konstantinos Loupasakis, MD
TNFalpha Confers Pathogenic Memory in Synovial Fibroblasts via Chromatin Remodeling, NFKappab-dependent Transcription and MAPK-mediated mRNA Stabilization

■ Lewis Clark Wagner, MD, Award
Alexander S. McLawhorn, MD, MBA
Cost-effectiveness of Bariatric Surgery Prior to Total Knee Arthroplasty in the Morbidly Obese

■ Russell F. Warren, MD, Research Award
Benjamin F. Ricciardi, MD
PTH Enhances Cancellous Osseointegration in a Physiologically Loaded Murine Model
and
Joseph J. Schreiber, MD
Mechanism of Acute Elbow Dislocation: Importance of the Medical Collateral Ligament

■ Georgette Viellion, RN, ONC, Orthopaedic Nursing Education Endowed Scholarship Award
Christine McMorrow Mironenko, AGNP-BC, ONP

■ Lance Peters, MD, Memorial Biomechanics Award
Albert O. Gee, MD

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 2
Friday, October 23, 2015 (continued)

2:30–3:00 pm
2:30 pm 12th Torsten N. Wiesel, MD, Distinguished Lecture
The Role of the Osteocyte in Health and Disease
Chief Scientist Pro-Tempore: Lynda F. Bonewald, PhD
2:50 pm Discussion

3:00–4:00 pm
Symposium: Different Practice Models
Moderators: Todd J. Albert, MD and Norman A. Johanson, MD

  3:00 pm Solo Practice in a Confederated Model
         Bryan T. Kelly, MD
  3:08 pm Small Group Practice
         Sanjay Gupta, MD, FRCSC
  3:16 pm Priv-Academia Group Model
         Christopher C. Dodson, MD
  3:24 pm Mayo Model
         Daniel J. Berry, MD
  3:32 pm Discussion

4:00–5:00 pm
Symposium: What’s New in Spine Surgery?
Moderators: John Ehteshami, MD and Frank Schwab, MD

  4:00 pm What’s New in Spine Surgery?
         Christopher K. Kepler, MD, MBA
  4:08 pm What’s New in Robotic Spine Surgery?
         Christopher R. Good, MD, FACS
  4:16 pm What’s New in Pediatric Spine Surgery?
         Baron S. Lonner, MD
  4:24 pm What’s New in Adult Spine Deformity Surgery?
         Frank Schwab, MD
  4:32 pm What’s New in Minimally Invasive Spine Surgery?
         Sheeraz Qureshi, MD, MBA
  4:40 pm Discussion

6:30 pm
Annual Autumn Benefit*
Guastavino’s, 409 East 59th Street

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 3
Saturday, October 24, 2015

Presiding: Jon B. Wang, MD

8:00–9:00 am
Symposium: Pediatric Knee
Moderators: Shevaun M. Doyle, MD and Lauren E. LaMont, MD
  8:00 am  Debate: Lower Extremity Epiphysiodesis: Screws vs. Drill
           Roger F. Widmann, MD vs. Emily R. Dodwell, MD, MPH, FRCSC
  8:20 am  Discussion
  8:30 am  Debate: All Epiphyseal ACL vs. Extra-Epiphyseal ITB Technique
           Daniel W. Green, MD, MS, FAAP, FACS vs. Benton E. Heyworth, MD
  8:50 am  Discussion

9:00–9:20 am
  9:00 am  Costs and Funding of Resident/Fellow Education: Now and the Future*
           Thomas P. Sculco, MD
  9:15 am  Discussion

9:20–9:25 am
The Pier Giorgio Marchetti, MD, Award†
George A.C. Murrell, MD, PhD

9:25–9:55 am
  9:25 am  51st Philip D. Wilson, MD
           Distinguished Orthopaedic Lecture
           Introduction of New Technology in Orthopaedic Surgery: Lessons from Joint Arthroplasty
           Surgeon-in-Chief Pro-Tempore: Daniel J. Berry, MD
  9:45 am  Discussion

9:55–10:10 am
  9:55 am  Presidential Address*
           Education at HSS: Past, Present, Future
           Mathias P. Bostrom, MD, FACS
  10:05 am  Discussion

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 3  
Saturday, October 24, 2015 (continued)

10:10–10:30 am  
10:10 am  Origin of the Scoliosis Research Society: Fiftieth Celebration 2015*  
David B. Levine, MD

10:25 am  Discussion

10:30–10:45 am  Break*

10:45–10:55 am  
1985 Class Presentation*  
Thomas M. Mauri, MD

10:55–11:55 am  
Symposium: Contemporary Reasons for Revision TKA and Solutions
Moderators: Charles N. Cornell, MD and Steven B. Haas, MD

10:55 am  Reasons for Revision in 2015: Are They Changing?  
Denis Nam, MD, MSc

11:03 am  Trabecular Metal Cones for Metaphyseal Bone Loss  
Paul F. Lachiewicz, MD

11:11 am  The Use of Stems in Revision Knee Arthroplasty  
Paul F. Lachiewicz, MD

11:19 am  Revision in the Community Setting  
Michael P. Ast, MD

11:27 am  Revision TKA Results  
Russell E. Windsor, MD, PC

11:35 am  Discussion

11:55 am–12:05 pm  
2005 Class Presentation*  
Peter D. Asnis, MD

12:05–1:00 pm  Lunch*  
Class Representative Working Lunch*

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
1:15 pm
CONCURRENT AFTERNOON SESSIONS

Session A: Training to Practice
Moderator: Dyretti Fufa, MD and Daniel S. Rich, MD

1:15 pm
Basic Coding
Pam D’Apuzzo, CPC, ACS-EM, ACS-MS, CPMA

1:35 pm
Junior Perspective
Sanjay Gupta, MD, FRCS

1:55 pm
Senior Perspective
Andrew J. Weiland, MD

2:25 pm
Alumni Panel
Michael P. Ast, MD; Demetris Delos, MD; Joseph A. Izzi Jr., MD; Travis G. Maak, MD; Shane J. Nho, MD, MS

2:55 pm
Conclusion: Session A
DAY 3
Saturday, October 24, 2015 (continued)

1:15 pm
CONCURRENT AFTERNOON SESSIONS

Session B: Arthroplasty
Moderator: Douglas E. Padgett, MD

1:15 pm
Complex Primary Total Joint Replacement
Moderator: David J. Mayman, MD
Speaker: Mathias P. Bostrom, MD, FACS
  ■ Treatment of Hip Dysplasia, Childhood Disorder
  ■ Post Traumatic Deformity of Knee
  ■ Severe Angular Deformities of Hip and Knee

1:55 pm
Bearing/Trunnion Issues
Moderator: Timothy Wright, PhD
Speaker: Theodore T. Manson, MD
  ■ Understand Mechanisms of Trunnion, Bearing Problems
  ■ Evaluation of Symptomatic Patients
  ■ Surgical Recommendation for Treatment

2:35 pm
Revision Total Joint Replacement
Moderator: Daniel J. Berry, MD
Speaker: Denis Nam, MD, MSc
  ■ Workup on Painful Joint Replacement
  ■ Management of Bone Loss
  ■ Options for Prosthetic Reconstruction

3:15 pm
Conclusion: Session B

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
1:15 pm
CONCURRENT AFTERNOON SESSIONS

Session C: Sports Medicine
Moderator: Bryan T. Kelly, MD

1:15 pm
Sports Knee Ligaments
- ACL Repair/Revision ACL Surgery
  Asheesh Bedi, MD
- ACL Beyond Anatomic: Femoral Tunnel Positioning in ACL Reconstruction
  Andrew D. Pearle, MD
- Multi-Ligament Knee/Posterolateral Corner
  Christopher J. Wahl, MD

2:00 pm
Update on Hip—FAI
Danyal H. Nawabi, MD, FRCS

2:15 pm
Shoulder/Elbow
- Ulnar Collateral Ligament of Elbow
  Christopher C. Dodson, MD
- Rotator Cuff
  George A. C. Murrell, MD, PhD
- Rehab
  Michael Levinson, PT, CSCS

3:00 pm
Conclusion: Session C

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
PROFESSIONAL EDUCATION/OFFICE OF CME

Calendar of Live Programs

Visit www.hss.edu/cme or call 212.606.1057 for the latest information about onsite and online course offerings.

DECEMBER 3–5, 2015
27th Annual Holiday Knee & Hip Course
LOCATION The Grand Hyatt Hotel, 109 East 42nd Street, New York City

JANUARY 9, 2016
2016 Major League Soccer Medical Symposium
LOCATION Harbor Beach Marriott Resort & Spa, 3030 Holiday Drive Fort Lauderdale, Florida

Visiting Professor Lectures Series
Since 1968, this series has showcased lectures by renowned visiting faculty who are nationally and internationally recognized for their expertise in our field.

Fall lecture dates for the 2015-2016 series are available on www.hss.edu/vpls. Select lectures are available online on www.hss.edu/eacademy.

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96th Annual Alumni Meeting
Alumni have exclusive access to view last year’s Annual Alumni Meeting online. Please log on to HSS eAcademy using your preferred email address and search keyword “Alumni 2014.” If you need assistance contact Colleen O’Shea, MPA, at osheac@hss.edu.

Medical Staff Conference Guest Speaker Sessions
Guest speaker lectures are now available for exclusive alumni viewing by logging into www.hss.edu/eacademy and searching keyword “MedStaff.” New lectures will be posted as they become available. Current offerings include:
- Gerald Hickson, MD: “Addressing Behaviors that Undermine a Culture of Safety, Reliability, and Accountability”
- Michael E. Chernew, PhD: “Who Will Control Medicine?”
- Steven Udvarhelyi, MD: “Value in a Rapidly Changing Healthcare Environment”
- David B. Levine, MD: “William Bradley Coley, MD: Third Surgeon-in-Chief, Hospital for Special Surgery”
Activity Director

Todd J. Albert, MD, has disclosed no relevant financial relationships.

Guest Faculty

Peter D. Asnis, MD, has disclosed no relevant financial relationships.

Michael P. Ast, MD, has disclosed no relevant financial relationships.

Asheesh Bedi, MD, has disclosed no relevant financial relationships.

Daniel J. Berry, MD, has disclosed the following relevant financial relationships and will be discussing products/services of the commercial interests with which relationship exits.


Lynda F. Bonewald, PhD, has disclosed no relevant financial relationships.

Joseph Borrelli, Jr., MD, has disclosed no relevant financial relationships.

Clifford W. Colwell, Jr., MD, has disclosed no relevant financial relationships.

Pam D’Apuzzo, CPC, ACS-EM, ACS-MS, CPMA, has disclosed no relevant financial relationships.

Demetris Delos, MD, has disclosed no relevant financial relationships.

Christopher C. Dodson, MD, has disclosed no relevant financial relationships.

John Ehteshami, MD, has disclosed no relevant financial relationships.

David R. Farley, MD, has disclosed no relevant financial relationships.

Sherine E. Gabriel, MD, MSc, has disclosed no relevant financial relationships.

Christopher R. Good, MD, FACS, has disclosed no relevant financial relationships.

Sanjay Gupta, MD, FRCS, has disclosed no relevant financial relationships.

Benton E. Heyworth, MD, has disclosed no relevant financial relationships.

Joseph A. Izzi Jr., MD, has disclosed no relevant financial relationships.

Norman A. Johanson, MD, has disclosed no relevant financial relationships.

Christopher K. Kepler, MD, MBA, has disclosed no relevant financial relationships.

Paul F. Lachiewicz, MD, has disclosed no relevant financial relationships.

HSS policy statement can be found on page 4.
Lauren E. LaMont, MD, has disclosed no relevant financial relationships.

Jeremy LaMothe, MD, PhD, FRCSC, has disclosed no relevant financial relationships.

Baron S. Lonner, MD, has disclosed no relevant financial relationships.

Travis G. Maak, MD, has disclosed no relevant financial relationships.

Theodore T. Manson, MD, has disclosed no relevant financial relationships.

Thomas M. Mauri, MD, has disclosed no relevant financial relationships.

Peter J. Millett, MD, has disclosed no relevant financial relationships.

George A.C. Murrell, MD, PhD, has disclosed no relevant financial relationships.

Denis Nam, MD, MSc, has disclosed no relevant financial relationships.

Shane J. Nho, MD, has disclosed no relevant financial relationships.

Sheeraz Qureshi, MD, MBA, has disclosed the following relevant financial relationships and will be discussing products/services of the commercial interests with which relationships exist.

- Royalty: Stryker, Biomet, RTI
- Ownership Interest: Avaz Surgical
- Consulting Fees or Honoraria: Stryker, Biomet, RTI, Medtronic, MTF

Bruce Reider, MD, has disclosed the following relevant financial relationships and will be discussing products/services of the commercial interests with which relationships exist.

- Salary: American Journal of Sports Medicine

Lauren H. Redler, MD, has disclosed no relevant financial relationships.

Joseph J. Schreiber, MD, has disclosed no relevant financial relationships.

Steven Stern, MD, MBA, has disclosed no relevant financial relationships.

Christopher J. Wahl, MD, has disclosed the following relevant financial relationships and will be discussing products/services of the commercial interests with which relationships exist:

- Consulting Fees or Honoraria: Smith & Nephew Endoscopy
- Speakers’ bureaus: Smith & Nephew Endoscopy

Jon B. Wang, MD, has disclosed no relevant financial relationships.

Jon J. P. Warner, MD, has disclosed no relevant financial relationships.

HSS Faculty

Todd J. Albert, MD, has disclosed no relevant financial relationships.

Vinicius Antao, MD, MSc, PhD, has disclosed no relevant financial relationships.
**FACULTY DISCLOSURES** (continued)

Mathias P. Bostrom, MD, FACS, has disclosed no relevant financial relationships.

Charles N. Cornell, MD, has disclosed no relevant financial relationships.

Emily R. Dodwell, MD, MPH, FRCSC, has disclosed no relevant financial relationships.

Shevaun M. Doyle, MD, has disclosed no relevant financial relationships.

Mark C. Drakos, MD, has disclosed no relevant financial relationships.

Duretti Fufa, MD, has disclosed no relevant financial relationships.

Sean Garvin, MD, has disclosed no relevant financial relationships.

Daniel W. Green, MD, MS, FAAP, FACS, has disclosed the following financial relationships and will be discussing products/services of the commercial interests with which relationship exits.

- Royalty: Arthrex Pediatric ACL Guide

Lawrence V. Gulotta, MD, has disclosed no relevant financial relationships.

Steven B. Haas, MD, has disclosed no relevant financial relationships.

Robert N. Hotchkiss, MD, has disclosed no relevant financial relationships.

Lionel B. Ivashkiv, MD, has disclosed no relevant financial relationships.

Mandip Kalsi, MD, has disclosed no relevant financial relationships.

Anne M. Kelly, MD, has disclosed no relevant financial relationships.

Bryan T. Kelly, MD, has disclosed no relevant financial relationships.

David B. Levine, MD, has disclosed no relevant financial relationships.

Michael Levinson, PT, CSCS, has disclosed no relevant financial relationships.

Konstantinos Loupasakis, MD, has disclosed no relevant financial relationships.

Suzanne Maher, PhD, has disclosed no relevant financial relationships.

David J. Mayman, MD, has disclosed no relevant financial relationships.

Alexander S. McLawhorn, MD, MBA, has disclosed no relevant financial relationships.

Marjolein C.H. van der Meulen, PhD, has disclosed no relevant financial relationships.

Danyal H. Nawabi, MD, FRCS, has disclosed no relevant financial relationships.

Douglas E. Padgett, MD, has disclosed no relevant financial relationships.

Andrew D. Pearle, MD, has disclosed no relevant financial relationships.
Benjamin F. Ricciardi, MD, has disclosed no relevant financial relationships.

Daniel S. Rich, MD, has disclosed no relevant financial relationships.

S. Robert Rozbruch, MD, has disclosed no relevant financial relationships.

Frank Schwab, MD, has disclosed no relevant financial relationships.

Thomas P. Sculco, MD, has disclosed no relevant financial relationships.

Louis A. Shapiro, CEO, has disclosed no relevant financial relationships.

Andrew J. Weiland, MD, has disclosed no relevant financial relationships.

Thomas L. Wickiewicz, MD, has disclosed no relevant financial relationships.

Roger F. Widmann, MD, has disclosed no relevant financial relationships.

Russell E. Windsor, MD, PC, has disclosed no relevant financial relationships.

Scott W. Wolfe, MD, has disclosed no relevant financial relationships.

Timothy Wright, PhD, has disclosed no relevant financial relationships.

Planning Committee

Todd J. Albert, MD, has disclosed no relevant financial relationships.

Mathias P. Bostrom, MD, FACS, has disclosed no relevant financial relationships.

Charles N. Cornell, MD, has disclosed no relevant financial relationships.

Mary K. Crow, MD, has disclosed no relevant financial relationships.

Emily R. Dodwell, MD, has disclosed no relevant financial relationships.

Shevaun M. Doyle, MD, has disclosed no relevant financial relationships.

Allison Goldberg, MPA, has disclosed no relevant financial relationships.

Steven Goldring, MD, has disclosed no relevant financial relationships.

Carrie R. Guheen, MD, has disclosed no relevant financial relationships.

Lawrence V. Gulotta, MD, has disclosed no relevant financial relationships.

Steven B. Haas, MD, has disclosed no relevant financial relationships.

Bryan T. Kelly, MD, has disclosed no relevant financial relationships.

Han Jo Kim, MD, has disclosed no relevant financial relationships.
FACULTY DISCLOSURES (continued)

David B. Levine, MD, has disclosed no relevant financial relationships.

Suzanne Maher, MD, has disclosed no relevant financial relationships.

Patrick V. McMahon, MD, has disclosed no relevant financial relationships.

Douglas N. Mintz, MD, has disclosed no relevant financial relationships.

Peter J. Moley, MD, has disclosed no relevant financial relationships.

Danyal W. Nawabi, MD, FRCS, has disclosed no relevant financial relationships.

Martha O’Brasky, MPA, has disclosed no relevant financial relationships.

Colleen O’Shea, MPA, has disclosed no relevant financial relationships.

Douglas E. Padgett, MD, has disclosed no relevant financial relationships.

Bernard A. Rawlins, MD, has disclosed no relevant financial relationships.

Daniel S. Rich, MD, has disclosed no relevant financial relationships.

Matthew M. Roberts, MD, has disclosed no relevant financial relationships.

S. Robert Rozbruch, MD, has disclosed no relevant financial relationships.

Thomas P. Sculco, MD, has disclosed no relevant financial relationships.

Thomas L. Wickiewicz, MD, has disclosed no relevant financial relationships.

Timothy Wright, PhD, has disclosed no relevant financial relationships.
Meeting Presentations
The Hospital for Special Surgery Office of Continuing Medical Education is an environmentally “green” CME operation. We no longer reproduce extensive paper-bound conference materials; rather, we distribute this booklet which you can use to take notes. All presentations will be captured and distributed exclusively to meeting participants via the following link:

https://www.eventscribe.com/2015/hss-ann/login.asp
Access Key: ALUMNI2015

Evaluations
In keeping with our “green” CME operation, we no longer print paper evaluations, but instead utilize an online evaluation module.

Please take a moment after the course to fill out the following evaluation:

Certificates
Once you complete the online evaluation you will be able to print out your certificate. Please do not complete the evaluation on your mobile device, as you will not be able to print your certificate.

Please address any questions or concerns to:

Colleen O’Shea, MPA
Manager, Alumni Affairs
Education & Academic Affairs
Tel: 212.606.1823
Email: osheac@hss.edu
Activity Director

Todd J. Albert, MD
Surgeon-in-Chief and Medical Director
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“It is only through research and education that mankind can hope to win the battle against disease.”

—Philip D. Wilson, MD,
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