On the cover, top to bottom:

Roger F. Widmann, MD, Benton E. Heyworth, MD,
Emily R. Dodwell, MD, MPH, FRCSC, and
Daniel W. Green, MD, MS, FAAP, FACS

Matthew D. Bush, MD, Eric L. Chehab, MD,
Peter Asnis, MD, and Christopher R. Good, MD

Alexia Hernandez-Soria, MD, Sariah Khormae, MD, PhD,
Jason Blevins, MD, and Stephen Warner, MD, PhD
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Program Agenda

21 Thursday, November 3, 2016
22 Friday, November 4, 2016
28 Saturday, November 5, 2016

Program Information

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STATEMENT OF NEED
The field of musculoskeletal medicine is a constantly changing discipline. New treatments and techniques are constantly being developed, 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 continually 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 Planning Committee identified select professional practice gaps to focus on at the 98th Annual Alumni Association Meeting, including rheumatoid arthritis treatment, limb lengthening and deformity correction, shoulder arthroplasty, ankle arthritis and inflammatory arthritis, after reviewing participant evaluations from the 2015 meeting.

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:

■ Describe and be able to implement mentoring and teaching principles based on best practices.

■ Explain the advances in treatment of rheumatoid arthritis and how treatment has changed over time, such as including the use of biologic disease-modifying antirheumatic drugs.

■ Describe the treatment options for various types of fractures, such as shoulder and elbow fractures, and the controversies around these options. They will be able to recommend the appropriate treatment strategy.

■ Identify and select musculoskeletal imaging techniques, such as MRI and high frequency ultrasounds that enable them to identify and interpret less common musculoskeletal pathologies.
Recognize the latest techniques for shoulder arthroplasties, such as reverse and total shoulder, and explain technological advances for treatment, especially when encountering more difficult reconstructions. They will be able to recommend the most appropriate technique for their patients.

Review the various causes of labral tears and hip arthritis, and recite how following the proper steps to diagnosis, such as a patient history evaluation and physical exam, can help them determine the best approach to treatment, which may be conservative management or open and arthroscopic surgical treatments. They will be able to appropriately diagnose labral tears, choose the best treatment options, and advise patients on the best next steps.

Explain and debate the treatment options and techniques for primary total hip replacement, such as dual and non-dual mobility, and discuss the indications and contraindications for each treatment option. They will discern when it is appropriate to use each hip replacement technique.

Discuss new advances in the treatment of limb deformity, such as using a hybrid technique combining lengthening and nailing, and how this applies to trauma and reconstruction, foot and ankle, and pediatric and adult limb deformity. They will be able to select these new treatment options for appropriate cases.

Consider the indications, such as level of activity of the patient, and potential complications, such as adjacent joint arthritis, of ankle fusion and ankle replacement for end stage ankle arthritis. They will be able to determine which treatment is appropriate for specific ankle arthritis cases.

Establish when it is appropriate to perform a SLAP repair, the different repair options, and the indications and contraindications for treatment. Consequently, they will select the optimal surgical technique.

Report how preoperative physical examination can guide selection of the most appropriate surgical technique, as well as the differences between bicipital tunnel decompressing and non-decompressing technique. Consequently, they will use the physical exam to help select a technique, and choose a decompressing or non-decompressing technique if that is the most appropriate option.

Detail the treatment options for instability in the throwing athlete and the indications and contraindications of each, and select the appropriate treatment in order to preserve range in motion for specific cases.

Explain the relative indications for Remplissage and bone block procedures, such as a Bankart repair, for anterior shoulder instability.
LEARNING OBJECTIVES (continued)

- Describe the development of shoulder arthroplasty and identify features and indications of current implants, as well as remaining challenges.

- Identify differences between team management and leadership skills. They will describe best practices and strategies based on structured models for effective management, such as communication and conflict resolution. Participants will implement these best practices and structured models of leadership and management and therefore effectively mentor residents and fellows.

- Consider the unique challenges associated with surgical and non-surgical treatment of patients with inflammatory arthritis, such as arthritis patients with complex deformities like ankylosing spondylitis, and how each treatment option impacts orthopaedic outcomes.

- Report new and emerging clinical evidence and techniques for managing newborn developmental dysplasia of the hip, including techniques for screening and diagnosis, such as multimodal imaging, as well as treatment, such as bracing and timing of potential surgical treatment. They will be able to incorporate these emerging screening, diagnosis, and treatment strategies into practice when appropriate.

- Compare and select the appropriate technique for pediatric limb lengthening and deformity correction, such as use of frames, magnetic rods, and growth modulation techniques.

- Recognize current research and modern techniques for treatment of adult and adolescent spinal deformity, such as minimally invasive surgery and patient-specific approaches. Consequently, they will be able to select the most appropriate treatment method.
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 14.5 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 medical staff.

FINANCIAL DISCLOSURE POLICY
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 33–37.

For more information, please contact:

Colleen O’Shea, MPA
Manager, Alumni Affairs
Education & Academic Affairs
Tel: 212.606.1823
Email: osheac@hss.edu
WHO’S WHO IN THE HSS ALUMNI ASSOCIATION

Alumni Officers

Robert E. Atkinson, MD
2016 President
Shevaun M. Doyle, MD
Secretary/Treasurer
Russell E. Windsor, MD
2017 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
Senior Director
Professional Education
Administrative Director
Alumni Affairs

Martha O’Brasky, MPA
Vice President
Education & Academic Affairs

Marcia Ennis
Senior Creative Director
Education Marketing & Digital Communications

Colleen O’Shea, MPA
Manager
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
Allison Goldberg, MPA
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
Patrick V. McMahon, MD
Douglas N. Mintz, MD
Martha O’Brasky, MPA
Martin J. O’Malley, MD
Colleen O’Shea, MPA
Daniel S. Rich, MD
Thomas P. Sculco, MD
Apostolos Tambakis, MD
Thomas L. Wickiewicz, MD
WHO’S WHO IN THE HSS
ALUMNI ASSOCIATION (continued)

Alumni Meeting Planning Committee

**Todd J. Albert, MD, Chair**
Mathias P. Bostrom, MD, FACS
Charles N. Cornell, MD
Mary K. Crow, MD
Emily R. Dodwell, MD, MPH, FRCSC
Shevaun M. Doyle, MD
Allison Goldberg, MPA
Steven B. Haas, MD
Lionel B. Ivashkiv, MD
Han Jo Kim, MD
Kanupriya Kumar, MD
David B. Levine, MD
Gregory A. Liguori, MD
Susanne Maher, PhD
Patrick V. McMahon, MD
Douglas N. Mintz, MD
Peter J. Moley, MD
Danyal H. Nawabi, MD, FRCS
Martha O’Brasky, MPA
Colleen O’Shea, MPA
David B. Levine, MD
Bernard A. Rawlins, MD
Daniel S. Rich, MD
Matthew M. Roberts, MD
S. Robert Rozbruch, MD
Thomas P. Sculco, MD
Samuel A. Taylor, MD
David S. Wellman, 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
Allison Goldberg, MPA
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 Task Force of Alumni Affairs

**Shevaun M. Doyle, MD, Chair**
Todd J. Albert, MD
Mathias P. Bostrom, MD, FACS
Allison Goldberg, MPA
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 Task Force
David B. Levine, MD, Chair
Andrew A. Sama, MD, Vice Chair
Rie Goto, MSLIS, Administrative Director
Todd J. Albert, MD
Jack Davis, MSN, RN, ONC
Marcia Ennis
Bridget Jivanelli Gatto, MLIS

Mary Hargett
Pamela Kerns, Archivist
John P. Lyden, MD
C. Ronald MacKenzie, MD
Alexander S. McLawhorn, MD, MBA
Lisa A. Mix, MLA
Colleen O’Shea, MPA
Anil S. Ranawat, MD
Matthew M. Roberts, MD
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 Derwerker, 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
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. McMahon, 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
Robert E. Atkinson, MD 2015-16

Past Secretary/Treasurers
Charles Ogilvy, MD 1913-16
Richmond Stephens, MD 1919-20
Isadore Zadek, MD 1920-21
Earle E. Van Derwerker, MD 1921-23
Touflick Nicola, MD 1923-25
Irwin Balensweig, MD 1925-27
Lewis Clark Wagner, MD 1927-32
Francis Carr, MD 1932-38
Peter Cyrus Rizzo, MD 1938-40
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-Temore

#### Chief Lecturers

<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Philip D. Wilson, MD</td>
<td>Orthopaedic Lecturers</td>
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<td>Jose Valls, MD</td>
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<td>Otto E. Aufranc, MD</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>
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<td>Prof. Pier Giorgio Marchetti</td>
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<td>Jorge O. Galante, MD</td>
<td>1985</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>James R. Urbaniak, 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>Bernard F. Morrey, 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>Frederick A. Matsen III, MD</td>
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<td>Michael Millis, MD</td>
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<td>Gunnar B.J. Andersson, MD, PhD</td>
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<td>Robin R. Richards, MD, FRCSC</td>
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<td>David W. Murray, MA, MD</td>
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<td>MD, FRCs (Orth)</td>
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<td>Serena S. Hu, MD</td>
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<td>Daniel J. Berry, MD</td>
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<td>Richard H. Freyberg, MD,</td>
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<td>Alexander Gutman, MD</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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### Physician-in-Chief Pro-Tempore

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<tr>
<td>Alexander Gutman, MD</td>
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<td>E. Carwile LeRoy, MD</td>
<td>1988</td>
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<td>Peter E. Lipsky, MD</td>
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<td>Dennis A. Carson, MD</td>
<td>1990</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>
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<td>John A. Hardin, MD</td>
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<td>Paul H. Plotz, MD</td>
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<td>Bevra H. Hahn, MD</td>
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<td>William P. Arend, MD</td>
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<td>Matthew H. Liang, MD</td>
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<td>David Wofsky, MD</td>
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<td>Brian L. Kotzin, MD</td>
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<td>Josef S. Smolen, MD</td>
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<td>Gary S. Firestein, MD</td>
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<td>David S. Pitesky, MD</td>
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<td>Ellen M. Gravallese, MD</td>
<td>2004</td>
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<td>Paul Emery, MD</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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<td>Haralampos M.</td>
<td>2013</td>
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<td>Moutsopoulos, MD, FACP, FRCP(hc), Master ACR</td>
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<td>Georg Schett, MD</td>
<td>2014</td>
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<tr>
<td>Sherine E. Gabriel, MD, MSc</td>
<td>2015</td>
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</tbody>
</table>

**Chief Scientist Pro-Tempore**

- Rocky S. Tuan, PhD 2004
- Stephen I. Katz, MD, PhD 2005
- Regis O'Keefe, MD, PhD 2006
- Linda Sandell, PhD 2007
- Thomas A. Einhorn, MD 2008
- Farshid Guilak, PhD 2009
- David Burr, PhD 2010
- Matthew L. Warman, MD 2011
- Henry M. Kronenberg, MD 2012
- Roland E. Baron, DDS, PhD 2013
- Clifford J. Rosen, MD 2014
- Lynda F. Bonewald, PhD 2015
2016 Alumni Association President

Robert E. Atkinson, MD
Division Chief of Orthopaedic Surgery
John A. Burns School of Medicine
Division Chief and Program Director
University of Hawaii Orthopaedic Residency Program
Honolulu, HI
Honored Guest Speakers

Surgeon-in-Chief Pro-Tempore

Gerald R. Williams, Jr., MD
John M. Fenlin, Jr., MD, Professor of Shoulder and Elbow Surgery
Department of Orthopaedic Surgery
The Rothman Institute
The Sidney Kimmel Medical College at Thomas Jefferson University
Philadelphia, PA

Physician-in-Chief

Michael E. Weinblatt, MD
John R. and Eileen K. Riedman Professor of Medicine
Harvard Medical School
R. Bruce and Joan M. Mickey Distinguished Chair in Rheumatology
Division of Rheumatology
Immunology and Allergy
Brigham and Women’s Hospital
Boston, MA
Honored Guest Speakers
(continued)

Chief Scientist

Michael Longaker, MD
Deane P. and Louise Mitchell Professor in the
School of Medicine
Hagey Laboratory for Pediatric
Regenerative Medicine
Stanford University
Stanford, CA

9th Annual HSS Faculty Development Seminar Speaker

Khaled Saleh, MD, MSC, FRCSC, MHCM, CPE
Executive in Chief
Orthopaedics and Sports Medicine Service Line
Detroit Medical Center
President
Orthopaedic Education Inc.
Detroit, MI
2016 Distinguished Alumnus Award

**Ernest U. Conrad, III, MD**

Chief, Orthopaedic Oncology
Seattle Children’s Hospital
Professor, Department of Orthopaedics and Sports Medicine
Director, Sarcoma Clinic
UW Medical Center
Medical Director, Northwest Tissue Center
Seattle, WA

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**

Bruce Reider, MD, 2015
John J. Callaghan, MD, 2014
Norman A. Johanson, MD, 2013
Paul A. Lotke, MD, 2012
Merrill A. Ritter, MD, 2011
Harlan C. 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)

2016 Pier Giorgio Marchetti, MD, Award

Bassam Masri, MD, FRCSC
Professor and Head of Orthopaedics, UBC and VA (VGH & UBCH)
Surgeon-in-Chief, Vancouver Acute (VGH & UBCH)
Vancouver, Canada

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
George A.C. Murrell, MBBS, MD, PhD, 2015
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
Alumni Awards
(continued)

Andrew N. Swanson, MD, Memorial Spine Award

Kyle C. Swanson, MD
Orthopaedic Surgeon
The Orthopaedic and Fracture Clinic
Mankato, MD

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
Baron S. Lonner, MD, 2015
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

Ellen Orgera, ANP-BC, CCRN, CNIII

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

Patrick C. Schottel, 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
Albert O. Gee, MD, 2015
Michael B. Cross, MD, 2014
Danyal H. Nawabi, MD, FRCS, 2013
Mark M. Dolan, MD, 2012
Poster Presentations

Philip D. Wilson, MD, Award

Brian C. Werner, 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

Elizabeth Schulman, MD

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

Lewis Clark Wagner, MD, Award

Stephen J. Warner, MD, PhD

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

Russell F. Warren, MD, Award

Samir K. Trehan, MD

The Russell F. Warren, MD, Research Award is presented to a resident for excellence in orthopaedic basic/translational research.
Program Agenda
NOVEMBER 3–5, 2016

HOSPITAL FOR SPECIAL SURGERY
ALUMNI ASSOCIATION

98TH ANNUAL MEETING

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 1
Thursday, November 3, 2016

3:00–5:00 pm
9th Annual HSS Faculty Development Seminar—Making of a Mentor

3:00–4:00 pm
Resident Session

3:00 pm Opening Remarks
Anne M. Kelly, MD

3:15 pm The Mentee’s Perspective
Mohamed Moussa, MD

3:30 pm Resident Round Table
Moderator: Khaled Saleh, MD, MSc, FRCSC, MHCM, CPE
Panel: Christopher Camp, MD; Alexander Christ, MD;
Elizabeth Gausden, MD; Samuel A. Taylor, MD

4:00-5:00 pm
Faculty Session

4:00 pm 20 Year Journey of Mentorship
Khaled Saleh, MD, MSc, FRCSC, MHCM, CPE

4:20 pm Faculty Round Table
Moderator: Carol A. Mancuso, MD, FACP
Panel: Mathias P. Bostrom, MD; Michael B. Cross, MD;
Michael J. Gardner, MD; Scott A. Rodeo, MD;
Khaled Saleh, MD, MSc, FRCSC, MHCM, CPE

5:00 pm
Spouse and Guest Tour*
Roosevelt House, 47-49 East 65th Street, New York, NY

6:00 pm
HSS Annual Reception*
Roosevelt House, 47-49 East 65th Street, New York, NY

END OF DAY 1
DAY 2
Friday, November 4, 2016

Presiding: Todd J. Albert, MD

7:00–7:45 am
Resident Case Presentations and Discussion
Moderators: Todd J. Albert, MD; Gerald R. Williams, Jr., MD

7:45–8:15 am
Charles L. Christian, MD, Distinguished Lecture
Rheumatoid Arthritis Treatment: A Century of Change
Physician-in-Chief Pro-Tempore: Michael E. Weinblatt, MD

  8:05 am  Discussion

8:15–9:15 am
Symposium I
Fracture Treatment Controversies
Moderator: David L. Helfet, MD

  8:15 am  Hip: Displaced Femoral Neck Fracture in an Independent 50–70 Year Old
           Dean G. Lorich, MD vs. Gregory S. DiFelice, MD

  8:25 am  Discussion

  8:30 am  Shoulder: 4-Part Proximal Humerus Fracture in a 60 Year Old
           David E. Asprinio, MD vs. Samuel A. Taylor, MD

  8:40 am  Discussion

  8:45 am  Knee: Comminuted Distal Periprosthetic Fracture
           David S. Wellman, MD vs. Joseph M. Lane, MD

  8:55 am  Discussion

  9:00 am  Elbow: Fracture Dislocation in 70 Year Old Female
           Andrew J. Weiland, MD

  9:10 am  Discussion
DAY 2
Friday, November 4, 2016 (continued)

9:15–10:15 am
Symposium II
From Neer to Now: Contemporary Considerations in Arthroplasty
Moderator: David M. Dines, MD

9:15 am   Emerging Indications for Reverse Shoulder Arthroplasty
          David M. Dines, MD

9:22 am   Patient Specific Guides and Instrumentation—
          Are They Mandatory for Good Results?
          Joshua S. Dines, MD

9:29 am   Arthroplasty Considerations in Younger Active Patients
          Frank A. Cordasco, MD, MS

9:36 am   Strategies in Dealing with Glenoid Bone Loss in Shoulder
          Arthroplasty
          Laurence D. Higgins, MD, MBA

9:45 am   Case Presentations
          David M. Dines, MD
          Joshua S. Dines, MD
          Laurence D. Higgins, MD, MBA
          Gerald R. Williams Jr., MD

10:15–10:30 am  Break*

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 2  
Friday, November 4, 2016 (continued)

10:30–11:30 am  
Symposium III  
I Have a Hip Labral Tear, But...  
Moderator: Robert L. Buly, MD

10:30 am  **What Are the Features of My Physical Exam?**  
Danyal H. Nawabi, MD, FRCS

10:37 am  **What is Seen on My Radiologic Studies?**  
Douglas N. Mintz, MD

10:44 am  **Will Arthroscopy Fix My Problem?**  
Shane J. Nho, MD

10:51 am  **My Pain is Lateral to the Hip, Not in the Groin**  
Anil S. Ranawat, MD

10:58 am  **I Am a Professional Athlete**  
Struan H. Coleman, MD, PhD

11:05 am  **Can't We Try Injecting Something or Physical Therapy?**  
Peter J. Moley, MD

11:12 am  **I Was Told That I Need an Osteotomy**  
Robert L. Buly, MD

11:19 am  **Discussion**

11:30 am–12:30 pm  
Debates  
Moderator: Douglas E. Padgett, MD

11:30 am  **Debate I: Are We There Yet? Ankle Arthritis: Fusion vs. Replacement**  
Constantine A. Demetracopoulos, MD vs. A. Holly Johnson, MD

11:50 am  **Debate II: Dual Mobility for Primary THA—For and Against**  
Geoffrey H. Westrich, MD vs. Seth A. Jerabek, MD

12:10 pm  **Debate III: The Pros, Cons, & Logistics of Using WALANT**  
J. Mi Haisman, MD vs. Adam Shafritz, MD
DAY 2
Friday, November 4, 2016 (continued)

12:30–1:05 pm  Lunch (Business Meeting)*

Presiding: Robert E. Atkinson, MD

12:35 pm  Surgeon-in-Chief Report  
       Todd J. Albert, MD

12:40 pm  HSS President Report  
       Louis A. Shapiro, President and CEO

12:45 pm  Physician-in-Chief Report  
       Mary K. Crow, MD

12:50 pm  Research Division Report  
       Lionel B. Ivashkiv, MD

12:55 pm  Alumni Treasurer Report  
       Shevaun M. Doyle, MD

1:00 pm  Alumni President Report  
       Robert E. Atkinson, MD

Presiding Thomas P. Sculco, MD

1:05–1:20 pm  
**Improved Quality of Life Following THR: A Forty Year Experience**  
       Charles N. Cornell, MD

1:20–1:40 pm  
**Philip Duncan Wilson, Jr., MD, 1920–2016 Tribute**  
       Moderator: Thomas P. Sculco, MD

       1:20 pm  Thomas P. Sculco, MD

       1:23 pm  G. Dean MacEwen, MD

       1:28 pm  Charles L. Christian, MD

       1:33 pm  Harlan C. Amstutz, MD
DAY 2
Friday, November 4, 2016 (continued)

1:40–2:00 pm
**Anatomy of a Mentor—Lee Ramsay Straub, MD**

1:40 pm  **LRS: Appointment to HSS & Founder of HSS Hand Clinic**
           David B. Levine, MD

1:45 pm  **My Training as a Ramsay Straub Hand Fellow**
           Chitranjan S. Ranawat, MD

1:50 pm  **Ramsay Straub—An Early Giant of the Specialty of the Hand**
           Andrew J. Weiland, MD

1:55 pm  **Honorary Membership**
           David B. Levine, MD

2:00–2:10 pm
**1996 Class Presentation***
Christopher T. Behr, MD

Presiding: Todd J. Albert, MD

2:10–2:40 pm
**Award Session***

- **Distinguished Alumnus Award**
  Recipient: Ernest U. Conrad, III, MD

- **Andrew N. Swanson, MD, Memorial Spine Award**
  Recipient: Kyle C. Swanson, MD

- **Philip D. Wilson, MD, Award**
  Brian Werner, MD

- **Charles L. Christian, MD, Musculoskeletal Research Award**
  Elizabeth Schulman, MD

- **Lewis Clark Wagner, MD, Award**
  Stephen J. Warner, MD, PhD

- **Russell F. Warren, MD, Research Award**
  Samir K. Trehan, MD

- **Lance Peters, MD, Memorial Biomechanics Award**
  Patrick C. Schottel, MD

- **Georgette Viellion, RN, ONC, Orthopaedic Nursing Education Endowed Scholarship Award**
  Ellen Orgera, ANP-BC, CCRN, CNIII
DAY 2
Friday, November 4, 2016 (continued)

2:40–3:10 pm
13th Torsten N. Wiesel, MD, Distinguished Lecture
Skeletal Stem Cells
Chief Scientist Pro-Tempore: Michael T. Longaker, MD

3:00 pm Discussion

3:10–4:10 pm
Symposium IV
Limb Lengthening and Deformity Correction:
A New Paradigm With and Without External Fixation
Moderator: S. Robert Rozbruch, MD

3:10 pm Trauma and Reconstruction
Mitchell Bernstein, MD

3:20 pm Foot and Ankle
Austin T. Fragomen, MD

3:30 pm Children and Adolescents
Anton M. Kurtz, MD

3:40 pm Adult Deformity
S. Robert Rozbruch, MD

3:50 pm Discussion

4:10–4:30 pm
Radiology Quiz: Fun Imaging Cases
Douglas N. Mintz, MD

4:30–4:40 pm
1986 Class Presentation*
Thomas H. McCoy, MD

END OF DAY 2

6:30 pm
Annual Autumn Benefit*
Guastavino’s, 409 East 59th Street, New York, NY 10022

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 3
Saturday, November 5, 2016

Presiding: Robert E. Atkinson, MD

7:30–8:35 am
Symposium V
Controversial Decisions Regarding the Biceps-Labrum Complex Gl
Moderator: Stephen J. O’Brien, MD, MBA

7:30 am  SLAP: The Role of the Superior Labrum and What are My Indications for Repair?
Nikhil Verma, MD

7:40 am  Biceps Tenodesis: Does Surgical Technique Matter?
Samuel A. Taylor, MD

7:50 am  Instability in Throwers: How Do I Treat Them Differently?
David W. Altchek, MD

8:00 am  Bankart Repair: When Is That Not Enough?
Joshua A. Dines, MD

8:10 am  Latarjet Procedure: Blessing and a Curse, Experience in Success & Failure
Jon J.P. Warner, MD

8:20 am  Discussion

8:35–8:45 am
The Pier Giorgio Marchetti, MD, Award*
Recipient: Bassam Masri, MD

8:45–9:00 am
M/M Hip Resurfacing: What Went Right? What Went Wrong? The Future?*
Harlan C. Amstutz, MD

9:00–9:30 am
52nd Philip D. Wilson, Sr., MD, Distinguished Orthopaedic Lecture
Shoulder Arthroplasty: Past, Present, and Future
Surgeon-in-Chief Pro-Tempore: Gerald R. Williams, Jr., MD

9:20 pm  Discussion

9:30–9:50 am
Presidential Address*
Robert E. Atkinson, MD

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 3
Saturday, November 5, 2016 (continued)

9:50–10:55 am
Symposium VI
Depth of Leadership
Moderator: Mathias P. Bostrom, MD

9:50 am Overview
Mathias P. Bostrom, MD

9:55 am Leadership vs. Management
Todd J. Albert, MD; Han Jo Kim, MD; Justin Oppenheimer, MBA

10:25 am Managing Teams
Anne M. Kelly, MD

10:45 am Discussion

10:55–11:10 am Break

Presiding: Todd J. Albert, MD

11:10–11:20 am
1976 Class Presentation*
Randall J. Lewis, MD

11:20 am–12:20 pm
Symposium VII
Optimizing Orthopaedic Outcomes for the Patient with Inflammatory Arthritis
Moderator: Thomas P. Sculco, MD

11:20 am Overall Approach/Surgical Staging of Patients with Inflammatory Conditions
Mark P. Figgie, MD

11:30 am Perioperative Period Medical Considerations
Susan M. Goodman, MD

11:40 am Special Considerations—Ankylosing Spondylitis, Psoriatic Arthritis, Juvenile Inflammatory Arthritis
Edwin P. Su, MD

11:50 am Outcomes of TJA Lupus/RA vs. OA for THA and TKA
David J. Mayman, MD

12:00 pm Presentation of Complex Cases and Discussion
Panel

* Not designated for AMA PRA Category 1 Credit™
Faculty and agenda subject to change.
DAY 3  
Saturday, November 5, 2016 (continued)

12:20–12:30 pm  
**2006 Class Presentation**  
Joshua S. Dines, MD

12:30–1:20 pm  
**Lunch**

1:20–3:20 pm  
**CONCURRENT AFTERNOON SESSIONS**

**Session A**  
**Cultivating Trainees to Leaders**

1:20 pm  
**Communication and Effective Feedback**  
Duretti Fufa, MD; Lia S. Logio, MD

2:50 pm  
**Managing Your Time, Meetings and Yourself**  
Michael B. Cross, MD

**Conclusion: Session A**

**Session B**  
**Pediatrics**

**Session I: Pediatric & Adolescent Hip**  
Moderator: John S. Blanco, MD

1:20 pm  
**Newborn DDH: Diagnosis, Screening, Early Treatment Including Pavlik, Abduction Orthosis**  
Emily R. Dodwell, MD, MPH, FRCSC

1:35 pm  
**Imaging DDH: In Infancy, at Treatment, and What Comes After**  
Gabrielle P. Konin, MD; Douglas N. Mintz, MD

1:50 pm  
**Hip Preservation in 2016**  
Ernest L. Sink, MD

2:05 pm  
**Discussion**

**Session II: Limb Deformity**

2:15 pm  
**Growth Modulation Techniques: Historical & Current Perspectives**  
Rubini Pathy, MD
DAY 3
Saturday, November 5, 2016 (continued)

2:30 pm  Limb Deformity Correction: Analysis and Techniques
          Folorunsho Edobor-Osula, MD, MPH
2:45 pm  Limb Lengthening: Frames, Magnetic Rod
          Roger F. Widmann, MD
3:00 pm  Discussion

Conclusion: Session B

Session C
Spine—Deformity Today
1:20 pm  Cervical Deformity—Basic Principles & Approach
          Todd J. Albert, MD
1:27 pm  Discussion
1:32 pm  Lumbar Degenerative Scoliosis: Surgical Options
          Federico P. Girardi, MD
1:39 pm  Discussion
1:44 pm  Revising Minimally Invasive Surgery:
          Recognizing Correct Pathology & Avoiding Pitfalls
          Alexander P. Hughes, MD
1:51 pm  Discussion
1:56 pm  Young Adult Deformity “Idiopathic Scoliosis:
          Surgery in Adolescence or Adulthood?”
          Baron S. Lonner, MD
2:03 pm  Discussion
2:08 pm  Multiple Operated Adult Deformity “How to Approach
          Revision in the Setting of Adult Spinal Deformity?”
          Frank J. Schwab, MD
2:15 pm  Discussion
2:20 pm  Clinical Case Discussion
          Matthew E. Cunningham, MD, PhD; Federico P. Girardi, MD;
          Han Jo Kim, MD

Conclusion: Session C  END OF DAY 3

* 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 1–3, 2016
28th Annual Holiday Knee & Hip Course
LOCATION The Grand Hyatt
109 East 42nd Street, New York City

JANUARY 7, 2016
2017 Major League Soccer Medical Symposium
LOCATION Manhattan Beach Marriott, 1400 Parkview Avenue
Manhattan Beach, California

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 2016–2017 series are available on www.hss.edu/vpls. Select lectures are available online on www.hss.edu/eacademy.

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HOSPITAL FOR SPECIAL SURGERY

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97th 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 2015.” 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”
98TH ANNUAL MEETING
FACULTY DISCLOSURES

HSS financial disclosure policy statement can be found on page 5.

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

Guest Faculty
Harlan C. Amstutz, MD, has disclosed no relevant financial relationships.
David E. Asprinio, MD, has disclosed no relevant financial relationships.
Robert E. Atkinson, MD, has disclosed no relevant financial relationships.
Christopher T. Behr, MD, has disclosed no relevant financial relationships.
Mitchell Bernstein, MD, has disclosed the following relevant financial relationships and will be discussing products/services of the commercial interests with which relationships exist.
- Consulting Fees and Honoraria: Smith and Nephew, Synthes, Ellipse
Charles L. Christian, MD, has disclosed no relevant financial relationships.
Ernest U. Conrad, III, MD, has disclosed no relevant financial relationships.
Folorunsho Edobor-Osula, MD, MPH, has disclosed no relevant financial relationships.
Michael J. Gardener, MD, has disclosed no relevant financial relationships.
J. Mi Haisman, MD, has disclosed no relevant financial relationships.
Laurence D. Higgins, MD, MBA, has disclosed no relevant financial relationships.
A. Holly Johnson, MD, has disclosed no relevant financial relationships.
Anton M. Kurtz, MD, has disclosed no relevant financial relationships.
Randall J. Lewis, MD, has disclosed no relevant financial relationships.
Lia S. Logio, MD, has disclosed no relevant financial relationships.
Michael Longaker, MD, has disclosed no relevant financial relationships.
Baron S. Lonner, MD, has disclosed no relevant financial relationships.
G. Dean MacEwan, MD, has disclosed no relevant financial relationships.
Bassam Masri, MD, FRCSC, has disclosed no relevant financial relationships.
FACULTY DISCLOSURES (continued)

Thomas H. McCoy, MD, has disclosed no relevant financial relationships.

Mohamed Moussa, MD, has disclosed no relevant financial relationships.

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

Rubini Pathy, MD, has disclosed no relevant financial relationships.

Khaled Saleh, MD, MSC, FRCSC, MHCM, CPE, has disclosed no relevant financial relationships.

Patrick C. Schoettel, MD, has disclosed no relevant financial relationships.

Elizabeth Schulman, MD, has disclosed no relevant financial relationships.

Adam Shafritz, MD, has disclosed no relevant financial relationships.

Kyle C. Swanson, MD, has disclosed no relevant financial relationships.

Samir K. Trehan, MD, has disclosed no relevant financial relationships.

Nikhil Verma, 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, Orthospace

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

Stephen J. Warner, MD, PhD, has disclosed no relevant financial relationships.

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

Ownership Interest: Canfite, Lycera, Ensemble

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