



HSS PRESENTERS AT THE ORS AND AAOS ANNUAL MEETING

February 22 - 28, 2009

ORS SESSIONS – SUNDAY, FEBRUARY 22 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
9:45 AM - 11:15 AM Room: Venetian GH	<i>Session 02 – Transcription Control of Chondrocytes</i>	MARY B. GOLDRING, PhD (CO-MODERATOR) Non-HSS: Moderator(s): <i>Karen M. Lyons, PhD</i>
10:00 AM - 10:15 AM Room: Titian	<i>Session 01 – Bone Adaptation I</i> Paper No. 2 – Mechanosensitivity to Mechanical Loading Reduced with Age in the Murine Tibia	TIMOTHY WRIGHT, PhD, MARJOLEIN VAN DER MEULEN, PhD Non-HSS: <i>Maureen Lynch, Russell Main, Thomas Schmicker, Moderator(s): Susannah P. Fritton, PhD, Stefan Judex, PhD</i>
1:45 PM - 2:00 PM Room: Titian	<i>Session 11 – Bone Adaptation II</i> Paper No. 51 – Cancellous Bone Osseointegration is Enhanced by Loading	BETTINA WILLIE, XU YANG, MD (RESEARCH FELLOW), NATALIE KELLY, JANE HAN, TUYRA NAIR, TIMOTHY WRIGHT, PhD, MARJOLEIN VAN DER MEULEN, PhD, MATHIAS BOSTROM, MD Non-HSS: Moderator(s): <i>Xingming Shi, PhD, Diane M. Cullen, PhD</i>
1:45 PM - 2:00 PM Room: Venetian GH	<i>Session 12 – Articular Cartilage Repair – Paper No. 57 – Novel Allograft Sponge Supports Fill of Osteochondral Defects in Caprine Model</i>	LI FOONG FOO, MD, HOLLIS POTTER, MD Non-HSS: <i>Twana Davissou, Renwen Zhang, Greg Juda, Michael Masini, Sue Coyle, Carlos Aponte, Marc Long, Hawkins Monica, Moderator(s): George R. Dodge, PhD, Robert L. Mauck, PhD</i>
2:45 PM - 3:00 PM Room: Venetian GH	<i>Session 12 – Articular Cartilage Repair</i> Paper No. 61 – Concentrated Bone Marrow Aspirate Improves Full-Thickness Cartilage Repair	HOLLIS POTTER, MD, LI FOONG FOO, MD Non-HSS: <i>Lisa Fortier, Ellen Rickey, Lauren Schnabel, James Ellsworth, Alan Nixon, Moderator(s): George R. Dodge, PhD, Robert L. Mauck, PhD</i>
2:45 PM - 3:00 PM Room: Venetian IJ	<i>Session 13 – Growth Plate and Chondrogenesis</i> Paper No. 67 – Identification of a Crucial Site for COL10A1 Promoter Response to Synergistic Action of GADD45 BETA and C/EBP BETA in ATDC5 Cells	KANEYUKI TSUCHIMACHI, MD (POST-DOCTORAL FELLOW), MIGUEL OTERO, PhD, CECILIA DRAGOMIR, MARY B. GOLDRING, PhD Non-HSS: <i>Kosei Ijiri, Hirofumi Shimada, Haibing Peng, Luiz Zerbini, Setsuro Komiya, Tovia Libermann, Moderator(s): Maurizio Pacifici, PhD, Barbara D. Boyan, PhD</i>
3:30 PM - 3:35 PM Room: Veronese A	<i>Short Talk Session 04 – Physical Effects on Cells</i> Paper No. 296 – Effect of Cyclic Tensile Strain on Inflammatory Response of Intimal Synoviocytes	DEJAN MILENTJEVIC, PhD (RESEARCH FELLOW), JEFFREY DAVILA, MD (2007 FELLOW), RUSSELL F. WARREN, MD Non-HSS: <i>Alireza Shirazian, Moderator(s): Toshihiro Akisue, MD, Johnna S. Temenoff, PhD</i>
3:30 PM - 4:30 PM Room: Venetian GH	<i>Short Talk Session 02 – Cartilage Biology</i>	MARY B. GOLDRING, PhD (MODERATOR) Non-HSS: Moderator(s): <i>Thomas M. Schmid, PhD</i>
3:35 PM - 3:40 PM Room: Titian	<i>Short Talk Session 01 – Bone Structure and Mechanics I</i> Paper No. 270 – Bone Tissue Composition Changes Following In Vivo Loading in Male and Female Murine Tibiae	MARJOLEIN VAN DER MEULEN, PhD Non-HSS: <i>Daniel Walsh, Russell Main, Maureen Lynch, Moderator(s): Joyce H. Keyak, PhD, Douglas J. Adams, PhD</i>
3:50 PM - 3:55 PM Room: Venetian IJ	<i>Short Talk Session 03 – Biomaterials</i> Paper No. 290 – Quantitative MR Imaging of Cartilage Repair in a Goat Model	LI FOONG FOO, MD, LE ROY CHONG, MD, MATTHEW KOFF, PhD, SCOTT RODEO, MD, HOLLIS POTTER, MD Non-HSS: <i>Kate Truncale, Terri Riley, Eric Semler, Moderator(s): Anuj Bellare, PhD, Gabriele G. Niederauer, PhD</i>

ORS SESSIONS – MONDAY, FEBRUARY 23 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
9:55 AM - 10:05 AM Room: Titian	<i>Short Talk Session 06 – Bone Structure and Mechanics II</i> Paper No. 316 – Variations in Cortical Bone Nano-Mechanical Properties with Osteon Tissue Age and Animal Age	SAMUEL GOURION-ARSQUAUD, PhD (POST-DOCTORAL FELLOW), ADELE BOSKEY, PhD, MARJOLEIN VAN DER MEULEN, PhD Non-HSS: <i>Jayne Burket, Lorena Havill, Shefford Baker, Moderator(s): Jonathan J. Kaufman, PhD, Michael Zuscik, PhD</i>
1:45 PM - 2:00 PM Room: Venetian GH	<i>Session 17 – Cartilage Degeneration and Repair</i> Paper No. 88 – Inhibitory Effect of Mechanical Load on IL-1 Induced Cartilage Degradation is Mediated by Interferon-Gamma and IL-1 Receptor 1	CHRIS CHEN, PhD, MARY B. GOLDRING, PhD, PETER TORZILLI, PhD Non-HSS: Moderator(s): <i>Anthony Ratcliffe, PhD, Ming Pei, MD, PhD</i>
2:45 PM - 3:00 PM Room: Venetian GH	<i>Session 17 – Cartilage Degeneration and Repair</i> Paper No. 92 – Gadd45beta and C/EBPbeta Expression in Articular Cartilage of Senescence Accelerated Mice	KANEYUKI TSUCHIMACHI, MD (2008 FELLOW), MARY B. GOLDRING, PhD Non-HSS: <i>Hirofumi Shimada, Harutoshi Sakakima, Fumiyu Matsuda, Setsuro Komiya, Kosei Ijiri, Moderator(s): Anthony Ratcliffe, PhD, Ming Pei, MD, PhD</i>
3:15 PM - 4:15 PM Venetian GH, IJ	The ORS Women's Leadership Forum Award	JO A. HANNAFIN, MD, PhD
4:30 PM - 6:00 PM Room: Veronese B	<i>Session 25 – Fracture: Bone Metastasis and Ewing Sarcoma</i>	JOHN H. HEALEY, MD (MODERATOR) Non-HSS: Moderator(s): <i>R. Lor Randall, MD</i>

ORS SESSIONS – TUESDAY, FEBRUARY 24 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
8:30 AM - 8:45 AM Room: Veronese B	<i>Session 30 – Muscle and Nerve</i> Paper No. 167 – The Effects of Mesenchymal Stem Cells on Rotator Cuff Muscle in a Chronic Injury Model in Sheep	STRUAN COLEMAN, MD (PRESENTER), JOHN EHTESHAMI (2008 RESIDENT), DAVID ALTCHER, MD, RUSSELL F. WARREN, MD Non-HSS: <i>Simon Turner, John D. Kisiday, PhD, Moderator(s): Jan Friden, MD, PhD, Chaoyang Chen, PhD</i>
9:00 AM - 9:15 AM Room: Venetian IJ	<i>Session 28 – Shoulder - Biologic and Mechanical Factors</i> Paper No. 157 – TNF-Alpha Blockade Improves Early Tendon-to-Bone Healing in a Rat Rotator Cuff Repair Model	LAWRENCE GULOTTA, MD (2008 RESIDENT), DAVID KOVACEVIC, FRANK CORDASCO, MD, SCOTT RODEO, MD Non-HSS: Moderator(s): <i>Louis J. Soslowsky, PhD, Leesa M. Galatz, MD</i>
10:15 AM - 10:30 AM Room: Venetian GH	<i>Session 32 – Bioactive Biomaterials</i> Paper No. 179 – An “Off-The-Shelf” Designed Bioactive Scaffold, Enhanced with Tissue and Genetic Engineering	JOSHUA DINES, MD, DAVID M. DINES, MD Non-HSS: <i>Daniel Grande, Pasquale Razzano, Andrew Leo, Kamal Dagly, Emily Putney, Moderator(s): Jeremy Mao, PhD, John D. Kisiday, PhD</i>

Please note: presenters, locations and times are subject to change.

HSS PRESENTERS AT THE ORS/AAOS ANNUAL MEETING

ORS SESSIONS – TUESDAY, FEBRUARY 24 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
1:25 PM - 1:35 PM Room: Veronese A	<i>Short Talk Session 14 – Foot and Ankle</i> Paper No. 388 – Effects of Medial Displacement Calcaneal Osteotomy on Dynamic Ankle Joint Contact Characteristics	WALTER BOHNE, MD Non-HSS: Takaaki Hirano, Matthew McCullough, Kazuya Ikoma, Lawrence Berglund, Harold Kitaoka, Kenton Kaufman, Moderator(s): Fabian E. Pollo, PhD, Brigitte Scammell, MD
1:35 PM - 1:40 PM Room: Venetian IJ	<i>Short Talk Session 13 – Hand and Wrist</i> Paper No. 380 – Mesenchymal Stem Cells Modified with the Developmental Gene hMT1-MMP Improves Regeneration of the Tendon-Bone Insertion Site	LAWRENCE GULOTTA, MD (2008 RESIDENT), DAVID KOVACEVIC, SCOTT MONTGOMERY, JOHN EHTESHAMI, MD (2008 RESIDENT), SCOTT RODEO, MD Non-HSS: Moderator(s): Kenneth J. Fischer, PhD, Joseph J. Crisco, PhD
1:45 PM - 1:55 PM Room: Veronese A	<i>Short Talk Session 14 – Foot and Ankle</i> Paper No. 391 – Lateral Ligament Reconstructions Restore Ankle Joint Contact Mechanics But Alter Coupled Motions at the Hindfoot	CARL IMHAUSER, PhD (POST-DOCTORAL FELLOW), VICTOR PRISK, MD (2008 FELLOW), PADHRAIG O'LOUGHLIN, MD (RESEARCH FELLOW), TIMOTHY WRIGHT, PhD, JOHN G. KENNEDY, MD, JONATHAN DELAND, MD Non-HSS: Moderator(s): Fabian E. Pollo, PhD, Brigitte Scammell, MD
3:45 PM - 4:45 PM Room: Veronese A	<i>Session 39 – Femoroacetabular Impingement Imaging</i>	HOLLIS POTTER, MD (CO-MODERATOR) Non-HSS: Co-Moderator(s): Sophie Williams, PhD
4:15 PM - 5:00 PM Room: Veronese B	<i>Session 40 – Shoulder</i> Paper No. 219 – Effects of Acromioclavicular Ligament Injury on Clavicular Laxity	ANIL RANAWAT, MD Non-HSS: Andrew Tsai, Yonsik Yoo, Patrick Smolinski, Freddie Fu, Mark Rodosky, Moderator(s): Kai-Nan An, PhD, Edward Diao, MD

ORS SESSIONS – WEDNESDAY, FEBRUARY 25 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
8:00 AM - 10:00 AM Room: 3301	<i>Session 41 – Fracture Healing</i>	MATHIAS BOSTROM, MD (CO-MODERATOR) Non-HSS: Moderators: D. Rick Sumner, Jr., PhD
9:30 AM - 9:45 AM Room: 3201	<i>Session 42 – Ligament and Tendon Reconstruction and Healing</i> Paper No. 235 – The Effect of Early and Delayed Mechanical Loading on Tendon-to-Bone Healing After ACL Reconstruction	ASHEESH BEDI, MD (2008 FELLOW), DAVID KOVACEVIC, ALICE FOX, CARL IMHAUSER, PhD (POST-DOCTORAL FELLOW), MARK STASIAK, XENG DENG, MD, SCOTT RODEO, MD, ROBERT BROPHY, MD (2007 FELLOW) Non-HSS: Moderator(s): Linda Dahlgren, PhD, Nancy Hadley-Miller, MD
10:30 AM - 10:45 AM Room: 3301	<i>Session 44 – Bone Tumor - Osteosarcoma and Chondrosarcoma</i> Paper No. 245 – Transcriptional Profiling Identifies the Signaling Axes of the Insulin-Like Growth Factor and the Transforming Growth Factor-Beta in the Pathogenesis of Osteosarcoma	JOHN HEALEY, MD, WEI ZHU, PhD Non-HSS: R. Yang, S. Piperdi, Y. Zang, N. Neophytos, Bang Hoang, Gary Mason, David Geller, Howard Dorfman, Donald Phinney, Richard Gorlick, Moderator(s): Denis R. Clohisy, MD, James Hayden, MD, PhD

ORS POSTERS – FEBRUARY 22 - FEBRUARY 25 – HALL G OF THE SANDS EXPO CONVENTION CENTER

Title	Presenters/Authors
<i>Poster No. 410 – New Investigator Recognition Award (NIRA) Finalists – Primary Cilia Are Highly Oriented with Respect to Collagen Direction and Long Axis of Extensor Tendon</i>	EVE DONNELLY, PhD (POSTDOCTORAL FELLOW) Non-HSS: Maria Grazia Ascenzi, Cornelia Farnum
<i>Poster No. 429 – New Investigator Recognition Award (NIRA) Finalists – Ovariectomy Increases Microporosity and Enhances Load-Induced Fluid Transport in Rat Cancellous Bone</i>	CESARE CIANI, PhD (POSTDOCTORAL FELLOW), STEPHEN DOTY, PhD Non-HSS: Susannah P. Fritton
<i>Poster No. 536 – Biomaterials - Bone Interactions – Assessment of Synthetic Scaffolds for Osteochondral Donor Sites of the Knee Using MRI and T2 Mapping: A Longitudinal Analysis</i>	ASHEESH BEDI, MD (2008 FELLOW), LI FOONG FOO, MD, RILEY J. WILLIAMS III, MD, HOLLIS POTTER, MD
<i>Poster No. 615 – Bone - MMPs, ADAMTSs and ADAMs – The Effect of Matrix Metalloproteinase Inhibition on Tendon-to-Bone Healing in a Rotator Cuff Repair Model</i>	ASHEESH BEDI, MD (2008 FELLOW), DAVID KOVACEVIC, CAROLYN HETTRICH, MD (2008 RESIDENT), LAWRENCE GULOTTA, MD (2008 RESIDENT), JOHN EHTESHAMI, MD (2008 RESIDENT), RUSSELL F. WARREN, MD, SCOTT RODEO, MD
<i>Poster No. 618 – Bone - MMPs, ADAMTSs and ADAMs – Doxycycline-Mediated MMP Inhibition in the Perioperative Period Improves Tendon-Bone Healing After Rotator Cuff Repair</i>	ASHEESH BEDI, MD (2008 FELLOW), DAVID KOVACEVIC, ALICE FOX, XENG DENG, MD, RUSSELL F. WARREN, MD, SCOTT RODEO, MD
<i>Poster No. 640 – Osteoporosis – Comparison of the Effects of Alendronate and Raloxifene in Osteopenic Sheep Using Fourier Transform Infrared Spectroscopy</i>	ADELE BOSKEY, PhD Non-HSS: Ericka Calton, Jennifer MacLeay, Edek Williams
<i>Poster No. 641 – Osteoporosis – A Clinicopathologic Study of Subchondral Insufficiency Fracture of the Femoral Head</i>	PETER G. BULLOUGH, MD Non-HSS: Takuaki Yamamoto, Satoshi Ikemura, Yukihide Iwamoto
<i>Poster No. 654 – Osteoporosis – Relating Material Properties and Composition in Osteoporotic Bone Tissue</i>	ADELE BOSKEY, PhD, MARJOLEIN VAN DER MEULEN, PhD Non-HSS: Grace Kim, Jacqueline Cole, Shefford Baker
<i>Poster No. 700 – Bone - Material Properties and Mechanics – Age-Related Alterations in Mineral/Matrix Ratio in Test-induced Microdamaged Trabeculae</i>	ADELE BOSKEY, PhD Non-HSS: Srimidhi Nagaraja, Jessica O'Neal, Robert Guldberg
<i>Poster No. 845 – Osteoclasts – Beta-3 Integrin-Dependent and Independent Transcription in Bone Resorbing Osteoclasts</i>	ED PURDUE, PhD, STEVEN GOLDRING, MD, PhD Non-HSS: Tania Crotti, Kevin McHugh, Regina O'Sullivan, Merrilee Flannery, Zhenxin Shen
<i>Poster No. 959 – Skeletal Growth and Development – Correlation of MRI and Histological Examination of Physeal Bars in a Rabbit Model</i>	MATTHEW KOFF, PhD, LE ROY CHONG, LIANG LI YING, PURUSHOTTAM GHOLVE, MD (2007 FELLOW), ROGER WIDMANN, MD, HOLLIS POTTER, MD Non-HSS: Patrick Virtue
<i>Poster No. 963 – Skeletal Growth and Development – Matrix Composition and Organization of Neonatal Bovine Articular Cartilage Determined by FTIR-I</i>	ADELE BOSKEY, PhD Non-HSS: Nora Khanarian, Jeffrey Spalazzi, Helen Lu

HSS PRESENTERS AT THE ORS/AAOS ANNUAL MEETING

ORS POSTERS – FEBRUARY 22 - FEBRUARY 25 – HALL G OF THE SANDS EXPO CONVENTION CENTER

Title	Presenters/Authors
<i>Poster No. 974 – Cartilage: Differentiation, Maintenance and Arthritis – The Role of Runx Factors in Chondrocyte Maturation</i>	CHISA HIDAKA, MD Non-HSS: Kimberly LeBlanc, Tripti Gaur, Shannon O’Connell, Paul Fanning, Andre van Wijnen, Janet Stein, Gary Stein, Jane Lian
<i>Poster No. 1027 – Cartilage/Meniscus/Synovium - Cell Signaling – Deleterious Effects of Intermittent Recombinant PTH on Cartilage Formation in a Rabbit Microfracture Model</i>	BRIAN FEELEY, MD (2008 FELLOW), STEPHEN DOTY, PhD, RUSSELL F. WARREN, MD, JOSEPH LANE, MD
<i>Poster No. 1052 – Cartilage/Meniscus/Synovium - MMPs, ADAMTs and ADAMs – Differential Efficiency of Collagenase and Stromelysin on Fibronectin Cleavage</i>	XIAORONG ZHANG, MADHU BHARGAVA, PhD, CHRIS CHEN, PhD, PETER TORZILLI, PhD
<i>Poster No. 1054 – Cartilage/Meniscus/Synovium - MMPs, ADAMTs and ADAMs – TIMP-3 Inhibits Proteoglycan Loss and Collagen Cleavage Induced by IL-1 and Injury</i>	ANDREA CHANG, RUSSELL F. WARREN, MD, CHRIS CHEN, PhD Non-HSS: Bryan Beutel, Linn Bengtsson, Karolina Kristensson, Roy Black
<i>Poster No. 1057 – Cartilage/Meniscus/Synovium - MMPs, ADAMTs and ADAMs – Competition Between ETS-1 and CITED2 For Binding to P300 Regulates Expression of MMP-1 in Chondrocytes: Identification of a Required Domain in ETS-1</i>	MARY B. GOLDRING, PhD Non-HSS: Yonghui Li, Zhengzhe Li, Philip Nasser, Robert Majeska, Mitchell Schaffler, Herb Sun
<i>Poster No. 1102 – Osteochondral Defect Repair Models – Comparative Study of Navigated vs. Conventional Osteochondral Graft Transplantation of the Knee</i>	DANIEL KENDOFF, MD, DIMITRIOS KOULALIS, MD, MUSA CITAK, MD (POST-DOCTORAL FELLOW), PADHRAIG O’LOUGHLIN, MD (RESEARCH FELLOW), ANDREW PEARLE, MD Non-HSS: Volker Stueber
<i>Poster No. 1184 – Cartilage and Fibrocartilage Mechanics – In Situ Measurement of Transport between Subchondral Bone and Cartilage: A Potential Factor in OA Development</i>	STEPHEN DOTY, PhD Non-HSS: Jun Pan, Xiaozhou Zhou, John Novotny, Liyun Wang
<i>Poster No. 1191 – Function and Repair – Dynamic Contact Mechanics of Radial Tears of the Medial Meniscus: Partial Meniscectomy Compared to Repair</i>	ASHEESH BEDI (2008 FELLOW), NATALIE KELLY, MICHAEL BAAD, ROBERT BROPHY, MD (2007 FELLOW), ALICE FOX, RUSSELL F. WARREN, MD, SUZANNE MAHER, PhD
<i>Poster No. 1205 – Meniscal Replacement and Tissue Engineering – Evaluation of Geometric Fidelity for Anatomically Shaped Tissue Engineered Constructs</i>	TIMOTHY WRIGHT, PhD, SUZANNE MAHER, PhD, HOLLIS POTTER, MD Non-HSS: Jeffrey Ballyns, Daniel Cohen, Evan Malone, Hod Lipson, Lawrence Bonassar
<i>Poster No. 1206 – Meniscal Replacement and Tissue Engineering – Boundary Mode Frictional Properties of Meniscal Repair Tissue</i>	TIMOTHY WRIGHT, PhD, SCOTT RODEO, MD, RUSSELL F. WARREN, MD, SUZANNE MAHER, PhD Non-HSS: Natalie Galley, Jason Gleghorn, Lawrence Bonassar
<i>Poster No. 1225 – Physical Effects on Cells – Effects of Transection and Mechanical Load on MMP-1, -3 and -13 Content Produced by ACL Fibroblasts in a 3-D Collagen Gel System</i>	KRISTA BOHNERT, ERIK ATTIA, STEVEN KOEHLER, HAYDEE BROWN, MD (2008 RESIDENT), MADHU BHARGAVA, PhD, JO A. HANNAFIN, MD, PhD
<i>Poster No. 1292 – Tissue Engineering – Evaluation of a Meniscal Repair Scaffold in an Ovine Model</i>	SUZANNE MAHER, PhD, STEPHEN DOTY, PhD, LAUREN ROSENBLATT, SCOTT RODEO, MD, ROBERT BROPHY, MD (2007 FELLOW), RUSSELL F. WARREN, MD Non-HSS: Anthony Turner
<i>Poster No. 1312 – Tissue Engineering – Characterization of a Semi-Degradable Scaffold for Cartilage Repair</i>	KIWON JOH, PETER TORZILLI, PhD, SUZANNE MAHER, PhD Non-HSS: Paul Scholten
<i>Poster No. 1429 – Ligament and Tendon Mechanics, Reconstruction – The Effect of Muscle Paralysis Using Botox on the Healing of Tendon to Bone in a Rat Model</i>	CAROLYN HETTRICH, MD (2008 RESIDENT), SCOTT RODEO, MD, JO A. HANNAFIN, MD, PhD, JOHN EHTESHAMI, MD (2008 RESIDENT), BETH SHUBIN STEIN, MD
<i>Poster No. 1461 – Ligament and Tendon Biology – The Effect of BMP 2-7 Heterodimer Delivered in An Injectable Calcium-Phosphate Matrix on Tendon-Bone Healing in An ACL Reconstruction Model</i>	ASHEESH BEDI, MD (2008 FELLOW), DAVID KOVACEVIC, ALICE FOX, LAWRENCE GULOTTA, MD (2008 RESIDENT), CAROLYN HETTRICH, MD (2008 RESIDENT), XENG DENG, MD, RUSSELL F. WARREN, MD, SCOTT RODEO, MD
<i>Poster No. 1478 – Tendon and Ligament - Allografts – Genipin Treatment Mitigates Gamma Radiation-Induced Decreases in the Elastic Modulus of Bovine Patellar Tendons</i>	KENNETH NG, PhD (POST-DOCTORAL FELLOW)
<i>Poster No. 1567 – Cancer, Tumors - Orthopaedic Pathology – The Synergistic Influence of Extracellular pH, pO2 and IFP on In Vitro Human Osteosarcoma Cell Physiology</i>	JOHN HEALEY, MD Non-HSS: Takao Matsubara, Gene DiResta, Shigeki Kakunaga, Dasen Li
<i>Poster No. 1852 – Upper Extremity – Augmentation of Zone II Flexor Tendon Repair using GDF5 in a Rabbit Model</i>	FRANK HENN III, MD (2008 RESIDENT), CHRISTINA KUO, MD (2006 RESIDENT), DAN XIA CHEN, SCOTT WOLFE, MD Non-HSS: Pasquale Razzano, Daniel Grande
<i>Poster No. 1857 – Upper Extremity – Elongations of the Dorsal Carpal Ligaments throughout the Range of Wrist Motion Computed with In Vivo Bone Kinematics and a Fiber Wrapping Algorithm</i>	SCOTT WOLFE, MD Non-HSS: Michael Rainbow, Joseph Crisco, Douglas Moore, Edward Akelman
<i>Poster No. 1858 – Upper Extremity – Three-Dimensional Wrist Kinematic Accuracy: A Comparison of Markerless Bone Registration and Surface Markers in a Cadaver Model</i>	HOWARD HILLSTROM, PhD, GRIGORY SYRKIN, MARK LENHOFF, SHERRY BACKUS, PT, DPT, SCOTT WOLFE, MD Non-HSS: Daniel Miranda, Joseph Crisco
<i>Poster No. 1860 – Upper Extremity – Midcarpal Joint Motion Dominates Carpal Motion During a Simulated Hammering Task</i>	SCOTT WOLFE, MD Non-HSS: Evan Leventhal, Douglas Moore, Edward Akelman, Joseph Crisco
<i>Poster No. 1861 – Upper Extremity – Changes at the Radiocarpal and Midcarpal Joints with Wrist Distraction</i>	SCOTT WOLFE, MD Non-HSS: Evan Leventhal, Douglas Moore, Edward Akelman, Joseph Crisco
<i>Poster No. 1879 – Upper Extremity – Variations in Kinematics Exist Between Normal Subjects and Total Elbow Patients</i>	GARRY HAYECK, PhD, SHERRY BACKUS, PT, DPT, DONALD BARTEL, PhD Non-HSS: Thomas Santner, PhD
<i>Poster No. 1899 – Upper Extremity – Nanofiber-Based Scaffold System for Integrative Rotator Cuff Repair</i>	STEPHEN DOTY, PhD Non-HSS: Kristen Moffat, Yoo-Na Kim, Helen Lu

HSS PRESENTERS AT THE ORS/AAOS ANNUAL MEETING

ORS POSTERS – FEBRUARY 22 - FEBRUARY 25 – HALL G OF THE SANDS EXPO CONVENTION CENTER

Title	Presenters/Authors
Poster No. 1900 – Upper Extremity – Evaluation of Adenoviral-Mediated Gene Transfer of hBMP-13 to Improve Rotator Cuff Healing in a Rat Model	LAWRENCE GULOTTA, MD (2008 RESIDENT), DAVID KOVACEVIC, SCOTT MONTGOMERY, JOHN EHTESHAMI, MD (2008 RESIDENT), SCOTT RODEO, MD
Poster No. 2010 – Hip Arthroplasty – Markers of Thrombin Generation during Resurfacing and Non-Cemented Total Hip Replacement	EDWIN SU, MD, NIKOS CHATZOUZIS, VASILEIOS SIOROS (RESEARCH FELLOW), GEORGE GO, NIGEL SHARROCK, MB, CHB, THOMAS P. SCULCO, MD, ED PURDUE, PhD
Poster No. 2043 – Hip Arthroplasty – Femoral Stem Subsidence After Impaction Bone Grafting: A Comparison of Morselized Bone Allograft Versus Synthetic Bone Graft Substitutes	PIERRE BRUNEAU, MD (2008 FELLOW), KATHLEEN MEYERS, TIMOTHY WRIGHT, PhD, DOUGLAS E. PADGETT, MD Non-HSS: Stephen Johnstone
Poster No. 2086 – Knee Arthroplasty – Load-to-Failure of the Patellar Tendon with the Patella Everted vs. Non-Everted in a Cadaver Model	JAMES RYAN, MD (2008 FELLOW), KATHLEEN MEYERS, STEVEN HAAS, MD, PAOLO DiBENEDETTO, TIMOTHY WRIGHT, PhD
Poster No. 2188 – Hip and Knee - Disease Process – Open Wedge Tibial Osteotomies Influence on Axial Rotation and Tibial Slope	DANIEL KENDOFF, MD, DARRICK LO, MENG, PADHRAIG O'LOUGHLIN, MD (RESEARCH FELLOW), ANDREW PEARLE, MD Non-HSS: Volker Stueber, Blaine Warkentine
Poster No. 2194 – Hip and Knee - Disease Process – Three-Dimensional Anatomical Relationship of the Iliopsoas and Acetabular Labrum	BRYAN T. KELLY, MD Non-HSS: Michal Kozanek, Joshua Alpert, Guoan Li, Peter Asnis
Poster No. 2199 – Hip and Knee - Disease Process – Femoral Retroversion in Patients with Femoroacetabular Impingement: A Cofactor in the Development of Hip Osteoarthritis	LUIS MOYA, MD (VISITING RESEARCH FELLOW), FRANK R. HENN, MD (2008 RESIDENT), CAROLYN HETRICH, MD (2008 RESIDENT), BRYAN T. KELLY, MD, ROBERT BULY, MD Non-HSS: David Molisani, Yan Ma, PhD
Poster No. 2214 – Arthroplasty - Implant Fixation – Osseointegration into Novel Titanium Foam Implant	BETTINA WILLIE, XU YANG, MD, NATALIE KELLY, JUSTIN MERKOW, ROBIN WARE, SHAWN GAGNE, TIMOTHY WRIGHT, PhD, MATHIAS BOSTROM, MD
Poster No. 2240 – Arthroplasty - Implant Fixation – Influence of Chemotherapy in Compressive Osteointegration of Tumor Endoprostheses	EDWARD ATHANASIAN, MD, JOHN HEALEY, MD Non-HSS: German Farfalli, Carol Morris, P. Boland
Poster No. 2287 – Arthroplasty - Implant Wear – Failed Disengagement of Modular Stems Due to Corrosion at the Sleeve-Stem Interface	LUIS MOYA, MD (VISITING RESEARCH FELLOW), ROBERT BULY, MD, TIMOTHY WRIGHT, MD Non-HSS: Christian Fraitel
Poster No. 2299 – Arthroplasty - Implant Wear – Wear Assessment of Retrieved Ceramic Femoral Heads	DAN XIA CHEN, NOELLE CUTRERA, DOUGLAS E. PADGETT, MD, TIMOTHY WRIGHT, PhD Non-HSS: Stephanie Lin
Poster No. 2315 – Arthroplasty - Implant Wear – The Effect of Liner Thickness On the Wear of Highly Cross-Linked Polyethylene Acetabular Components under “Near-Impingement” Conditions	NATALIE KELLY, AMAR RAJADHYAKSHA, MD (2008 FELLOW), TIMOTHY WRIGHT, PhD, SUZANNE MAHER, PhD, GEOFFREY H. WESTRICH, MD
Poster No. 2338 – Arthroplasty - Implant Wear – Retrieval Analysis of Failed Constrained Acetabular Liners	NATALIE KELLY, STEVEN SHAH, MD (2008 FELLOW), RACHEL KAYE, EDWIN SU, MD, DOUGLAS E. PADGETT, MD, TIMOTHY WRIGHT, PhD
Poster No. 2343 – Arthroplasty - Implant Wear – Retrieval Analysis of Mobile Bearing Total Knee Prostheses	NATALIE KELLY, DOUGLAS E. PADGETT, MD, TIMOTHY WRIGHT, PhD Non-HSS: Rose Fu
Poster No. 2366 – Arthroplasty - Osteolysis – Alternative Macrophage Activation Proteins as Candidate Serum Markers in Periprosthetic Osteolysis	ANDREW LOVY, LAARNI QUIMSON, BRYAN NESTOR, MD, THOMAS P. SCULCO, MD, ED PURDUE PhD
Poster No. 2370 – Arthroplasty - Osteolysis – Inflammatory Osteolysis: Linking Molecular Mechanisms Using Complementary Animal Models	LYNDESE BURTON, QIAN ZHANG (POST-DOCTORAL FELLOW), STEVEN GOLDRING, MD, THOMAS P. SCULCO, MD, BRYAN NESTOR, MD, LYUDMILA LUKASHOVA, KOSTAS VERDELIS, MD (RESEARCH FELLOW), ED PURDUE, PhD Non-HSS: Kevin McHugh, Zhenxin Shen, Tamia Crotti
Poster No. 2371 – Arthroplasty - Osteolysis – Fluid Flow, Not Pressure Causes Bone Resorption in a Model for Prosthetic Loosening	MATHIAS BOSTROM, MD, XU YANG, MD Non-HSS: Anna Fahlgren, Lars Johansson, Ulf Edlund, Per Aspenberg
Poster No. 2419 – Arthroplasty - Finite Element Analysis – Retrieval and Finite Element Analysis of Coonrad-Morrey Elbow Replacements	DARRICK LO, MENG, JOSEPH LIPMAN

AAOS SESSIONS – WEDNESDAY, FEBRUARY 25 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
8:00 AM - 10:00 AM Room: Palazzo N	Hand & Wrist – Instructional Course: 106 – Disorders of the Distal Radioulnar Joint	SCOTT WOLFE, MD Non-HSS: A. Lee Osterman, MD, Moderator(s): Peter M. Murray, MD
8:00 AM - 10:00 AM Room: Venetian	Adult Recon/Knee – Symposia: A – Current Controversies and Techniques in Total Knee Arthroplasty	CHITRANJAN S. RANAWAT, MD Non-HSS: Robert L. Barrack, MD, Robert Barry Bourne, MD, David F. Dalury, MD, Thomas K. Fehring, MD, Kevin L. Garvin, MD, Arlen D. Hanssen, MD, Aaron Adam Hofmann, MD, Michael A. Kelly, MD, Kenneth A. Krackow, MD, Adolph V. Lombardi Jr., MD, Steven J. MacDonald, MD, Mark W. Pagnano, MD, Giles R. Scuderi, MD, Thomas S. Thornhill, MD, Thomas Parker Vail, MD, Leo A. Whiteside, MD, Moderator(s): Douglas A. Dennis, MD, William L. Healy, MD
8:00 AM - 8:06 AM Room: 2201	Podium No: 001 – Sports Medicine/Arthroscopy I: Primary ACL – Structural and Functional Analysis of the Semitendinosus Tendon After Harvest for ACL Reconstruction	ASHEESH BEDI, MD (2008 FELLOW) Non-HSS: Michael Salata, MD (Presenter), Jon Jacobson, MD, Ramesh Srinivasan, MD, Edward M. Wojtyls, MD, Moderator(s): Joseph A. Bosco, III MD, Diane Lynn Dahm, MD
8:06 AM - 8:12 AM Room: 2201	Podium No: 002 – Sports Medicine/Arthroscopy I: Primary ACL – Transtibial vs. Anteromedial Portal in ACL Reconstruction: Comparison of Tunnel Length and Obliquity	ASHEESH BEDI, MD (PRESENTER, 2008 FELLOW), BRADLEY RAPHAEL, MD (2008 RESIDENT), ALEX MADERAZO, MD, HELENE PAVLOV, MD, RILEY J. WILLIAMS III, MD Non-HSS: Moderator(s): Joseph A. Bosco III, MD, Diane Lynn Dahm, MD

Please note: presenters, locations and times are subject to change.

HSS PRESENTERS AT THE ORS/AAOS ANNUAL MEETING

AAOS SESSIONS – WEDNESDAY, FEBRUARY 25 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
8:48 AM - 8:54 AM Room: 2201	<i>Podium No: 007 – Sports Medicine/Arthroscopy 1: Primary ACL – Effect of ACL Reconstruction and Meniscectomy on Career Length in NFL Athletes: A Case Control Study</i>	ROBERT BROPHY, MD (2007 FELLOW, PRESENTER), STEPHEN LYMAN, PhD, SCOTT RODEO, MD, RUSSELL F. WARREN, MD Non-HSS: Corey S. Gill, MD, Ronnie P. Barnes, Moderator(s): Joseph A. Bosco III, MD, Diane Lynn Dahm, MD
10:30 AM - 12:30 PM Room: Palazzo J	<i>Hand & Wrist – Instructional Course: 126 – Changing Concepts: Fractures and Ligamentous Injuries About the Wrist-Scaphoid and Distal Radius Fractures, and Carpal Instability</i>	SCOTT WOLFE, MD Non-HSS: Douglas P. Hanel, MD, Moderator(s): Peter J. Stern, MD
10:30 AM - 12:30 PM Room: Venetian IJ	<i>General – Symposia AAOS/ORS II – Hyaline Cartilage Biological Joint Repair, Restoration and Resurfacing – Osteochondral Replacement Strategies: Autogenous and Allogeneic</i>	RILEY J. WILLIAMS III, MD Non-HSS: William Bugbee, MD, Kai Mithoefer, MD, Marc Safran
1:30 PM - 3:30 PM Room: 2404	<i>Instructional Course: 150 – Sports Med/Arthroscopy – Meniscus Repair and Transplantation: Update on Surgical Techniques and Clinical Outcomes</i>	SCOTT RODEO, MD Non-HSS: Mark D. Miller, MD, Nicholas A. Sgaglione, MD, Moderator(s): Frank R. Noyes, MD
4:00 PM - 6:00 PM Room: 2404	<i>Instructional Course: 161 – Adult Recon/Hip – Technical Pearls in Total Hip Arthroplasty</i>	CHITRANJAN S. RANAWAT, MD Non-HSS: William J. Hozack, MD, David G. Lewallen, MD, Moderator(s): Joseph C. McCarthy, MD
5:12 PM - 5:18 PM Room: Palazzo P	<i>Podium No: 190 – Adult Reconstruction Hip 2: Revision Total Hip Arthroplasty – Bone Loss and Femoral Revision with a Modular, Fluted, Tapered Titanium Stem: Reproducible Fixation</i>	JOSE A. RODRIGUEZ, MD (PRESENTER), CHARLES N. CORNELL, MD, AMAR S. RANAWAT, MD, CHITRANJAN S. RANAWAT, MD Non-HSS: Vijay J. Rasquinha, MD, Moderator(s): Thomas J. Blumenfeld, MD, Peter Kay, FRCS
5:14 PM – 5:30 PM Venetian Ballroom	<i>Opening Ceremony Welcome to the Class of 2009</i>	CHITRANJAN S. RANAWAT, MD
5:18 PM - 5:24 PM Room: Venetian I	<i>Podium No: 146 – Sports Medicine/Arthroscopy 2: Complex/Revision ACL / Basic Science – The Effect of Graft Selection on the Incidence of Post-operative Infection in ACL Reconstruction</i>	JOSEPH BARKER, MD (PRESENTER, 2008 RESIDENT), MARK DRAKOS, MD (2008 RESIDENT), TRAVIS G. MAAK, MD (2008 RESIDENT), RUSSELL F. WARREN, MD, RILEY J. WILLIAMS III, MD, ANSWORTH ALLEN, MD Non-HSS: Moderator(s): Marc T. Galloway, MD, Ronald M. Selby, MD

AAOS SESSIONS – THURSDAY, FEBRUARY 26 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
8:00 AM - 10:00 AM Room: 3401	<i>Instructional Course: 206 – Hand & Wrist – The Reconstruction of Posttraumatic Disorders of the Forearm</i>	ROBERT N. HOTCHKISS, MD Non-HSS: Diego L. Fernandez, MD, L. Scott Levin, MD, Moderator(s): Jesse B. Jupiter, MD
8:00 AM - 11:00 AM Room: 4201	<i>Three Hour Instructional Course: 281 – Hand & Wrist – Surgical Anatomy of 10 Common Upper Extremity Conditions</i>	ANDREW J. WEILAND, MD Non-HSS: Philip E. Blazar, MD, William Robert Charles Peckett, MD, Eric Thorpe Tolo, MD, Moderator(s): Peter J. Millett, MD, MSc
8:00 AM - 10:00 AM Room: 2404	<i>Instructional Course: 208 – Shoulder/Elbow – Shoulder Arthroplasty: The State of the Art</i>	DAVID M. DINES, MD Non-HSS: Jon J.P. Warner, MD, Michael A. Wirth, MD, Moderator(s): Gerald R. Williams Jr., MD
8:24 AM - 8:30 AM Room: 3105	<i>Podium No: 229 – Trauma 3: Upper Extremity & Foot – Treatment of Proximal Humerus Fractures with Locked Plating and an Endosteal Implant</i>	JOSEPH BARKER, MD (PRESENTER, 2008 RESIDENT), OMESH PAUL, MD, DAVID L. HELFET, MD, DEAN G. LORICH, MD Non-HSS: Sreevathsa Boraiah, MD, Robert J. Parker, Moderator(s): Kenneth A. Egol, MD, Nirmal C. Tejwani, MD
10:30 AM - 12:30 PM Room: 3101	<i>Instructional Course: 232 – Spine – Spine Surgery for Osteoporotic and Elderly Patients</i>	HARVINDER S. SANDHU, MD Non-HSS: Gaetano J. Scuderi, MD, Jim A. Youssef, MD, Moderator(s): Jean-Jacques Abitbol, MD
10:30 AM - 12:30 PM Room: Palazzo M	<i>Instructional Course: 235 – Sports Med/Arthroscopy – Sports Hip Injuries: Assessment and Management</i>	BRYAN T. KELLY, MD Non-HSS: Michael B. Gerhardt, MD, Marc Safran, MD, Moderator(s): J.W. Thomas Byrd, MD
11:48 AM - 11:54 AM Room: Venetian I	<i>Podium No: 266 – Adult Reconstruction Hip 4: Hip Arthroplasty: Outcomes, Fixation, Operative Approaches – Failure of Osteointegration in Proximally-Coated Tapered Stems: Is There an Anatomic Predisposition?</i>	JOSE A. RODRIGUEZ, MD Non-HSS: Herbert John Cooper, MD (Presenter), Anitha Jacob, RPA-C, Moderator(s): Clare Marx, FRCS, Mark W. Pagnano, MD
2:24 PM - 2:30 PM Room: Palazzo P	<i>Podium No: 368 – Tumors/Metabolic Bone Disease 1: Malignant Tumors – Survivorship of Uncemented Distal Femoral Rotating Hinge Megaprosthesis after Tumor Resection</i>	JOHN H. HEALEY, MD, FACS (PRESENTER), EDWARD ATHANASIAN, MD Non-HSS: Patrick J. Boland, MD, Carol D. Morris, MD, Moderator(s): John E. Ready, MD, Jay Wunder, MD
4:00 PM - 6:00 PM Room: 4104	<i>Instructional Course: 270 – Sports Med/Arthroscopy – Complications of ACL Reconstruction</i>	SCOTT RODEO, MD Non-HSS: Richard D. Parker, MD, Moderator(s): Matthew J. Matava, MD
4:00 PM - 6:00 PM Room: 3501	<i>Instructional Course: 271 – Pediatrics – Pediatric Musculoskeletal Infection Update</i>	JOHN S. BLANCO, MD Non-HSS: Howard R. Epps, MD, Jeffrey R. Sawyer, MD, Moderator(s): William C. Warner Jr., MD
4:00 PM - 4:06 PM Room: Venetian I	<i>Podium No: 376 – Shoulder 3: Rotator Cuff – Stem Cells Genetically Modified with MT1-MMP Help Regenerate the Tendon-to-Bone Insertion Site</i>	LAWRENCE GULOTTA, MD (PRESENTER, 2008 RESIDENT), DAVID KOVACEVIC, JOHN R. EHTESHAMI, MD (2008 RESIDENT), SCOTT RODEO, MD, SCOTT MONTGOMERY Non-HSS: Moderator(s): Jeffrey S. Abrams, MD, Norman Douglas Boardman III, MD
4:12 PM - 4:18 PM Room: 2201	<i>Podium No: 393 – Adult Reconstruction Knee 4: Revision TKR – Treatment of Infected Total Knee Arthroplasty with a Two-Stage Reimplantation Protocol</i>	GEOFFREY H. WESTRICH, MD (PRESENTER), SARAH WALCOTT-SAPP, BARRY D. BRAUSE, MD, MATHIAS BOSTROM, MD, RUSSELL E. WINDSOR, MD Non-HSS: Bulent Capar, MD, Moderator(s): Craig Howard Bennett, MD, Andrew A. Freiberg, MD

HSS PRESENTERS AT THE ORS/AAOS ANNUAL MEETING

AAOS SESSIONS – FRIDAY, FEBRUARY 27 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
8:00 AM - 10:00 AM Room: 3201	<i>Instructional Course: 318 – General – Safe and Effective Use of Biologics (Growth Factors and Cell-Based Products) in Orthopaedic Surgery in the 21st Century</i>	SCOTT RODEO, MD Non-HSS: Thomas A. Einhorn, MD, Jay R. Lieberman, MD, Moderator(s): Scott D. Boden, MD
8:00 AM - 11:00 AM Room: 2401	<i>Three Hour Instructional Course: 383 – General – Magnetic Resonance Imaging of the Knee and Shoulder</i>	HOLLIS POTTER, MD Non-HSS: Christine Chung, MD, Donald Resnick, MD, Moderator(s): Robert A. Pedowitz, MD
8:00 AM - 10:00 AM Room: 3001	<i>Instructional Course: 310 – Tumors/Metabolic Disease – Bone Health for the General Orthopaedic Surgeon: Essentials for Your Practice</i>	JOSEPH M. LANE, MD Non-HSS: John D. Kaufman, MD, Laura Lowe Tosi, MD, Moderator(s): Mary I. O'Connor, MD
8:00 AM - 10:00 AM Room: Venetian I	<i>Podium Presentations: 436 - 450 – Shoulder 4: Arthroplasty</i>	RUSSELL F. WARREN, MD (MODERATOR) Non-HSS: Co-Moderator(s): Emilie V. Cheung, MD
8:48 AM - 8:54 AM Room: 2201	<i>Podium No: 457 – Sports Medicine/Arthroscopy 4: Shoulder/Elbow – Effective Glenoid Version in Professional Baseball Players</i>	MARK DRAKOS, MD (2008 RESIDENT, PRESENTER), JOSEPH BARKER, MD (2008 RESIDENT), DARYL C. OSBAHR, MD (2008 RESIDENT), SCOTT LEHTO, MD (2008 FELLOW), HOLLIS POTTER, MD, STRUAN H. COLEMAN, MD, ANSWORTH ALLEN, MD, DAVID W. ALTCHER, MD Non-HSS: J.R. Rudzki, MD, Moderator(s): Ronald Anthony Navarro, MD, Felix H. Savoie III, MD
10:10 AM - 12:00 PM The Wynn Hotel	<i>Orthopaedic Review Course Number: 390 – Upper Extremity – Hand and Wrist</i>	SCOTT WOLFE, MD (PRESENTER, MODERATOR, COURSE CHAIRMAN) Non-HSS: Shawn W. O'Driscoll, MD, Marc Safran, MD
10:30 AM - 12:30 PM Room: 3401	<i>Instructional Course: 323 – General – Venous Thromboembolic Disease After Total Hip and Knee Arthroplasty</i>	GEOFFREY H. WESTRICH, MD, STEVEN HAAS, MD (MODERATOR) Non-HSS: Robert L. Barrack, MD, Paul F. Lachiewicz, MD
10:30 AM - 12:30 PM Room: 4101	<i>Instructional Course: 330 – Sports Med/Arthroscopy – Management of Complex Knee Ligament Injuries</i>	ROBERT G. MARX, MD Non-HSS: Gregory Carl Fanelli, MD, Michael J. Stuart, MD, Moderator(s): Bruce A. Levy, MD
10:30 AM - 12:30 PM Room: Venetian G	<i>Symposia: X – General – Bone Defects: When Are Ortho Biologics Indicated?</i>	HARVINDER S. SANDHU, MD Non-HSS: Scott D. Boden, MD, Thomas A. Einhorn, MD, Allan E. Gross, MD, FRCS, Isador H. Lieberman, MD, MBA, FRCS, Theodore Miclau, MD, George F. Muschler, MD, Wayne Gregory Paprosky, MD, J. Tracy Watson, MD, Michael J. Yaszemski, MD, PhD, Moderator(s): Stuart Barry Goodman, MD, A. Seth Greenwald, DPhil
10:30 AM - 12:30 PM Room: 2001	<i>Symposia: Y – Spine – Pediatric and Adult Spine Deformity Surgery Controversies</i>	OHENEBA BOACHIE-ADJEL, MD Non-HSS: John P. Dormans, MD, Robert W. Gaines Jr., MD, William C. Horton III, MD, George H. Thompson, MD, Moderator(s): Robert Jay Cummings Jr., MD
11:24 AM - 11:30 AM Room: 2201	<i>Podium No: 518 – Sports Medicine/Arthroscopy 5: Cartilage Resurfacing / Hip Arthroscopy – The Arthroscopic Treatment of Cam Type Femoroacetabular Impingement</i>	FRANK HENN III, MD (2008 RESIDENT AND PRESENTER), ROBERT L. BULY, MD, LUIS EMILIO MOYA, MD (VISITING RESEARCH FELLOW), JONATHAN ZELKEN, BRYAN T. KELLY, MD Non-HSS: Moderator(s): J.W. Thomas Byrd, MD, Mark J. Lemos, MD
11:42 AM - 11:48 AM Room: Venetian I	<i>Podium No: 505 – Adult Reconstruction Hip 6: Complications of Hip Arthroplasty – Incidence and Risk Factors for Neuropathy After Primary Total Hip Arthroplasty</i>	STEPHEN LYMAN, PhD (PRESENTER), ANITA WU, MD, JOSEPH NGUYEN, MPH, TEENA SHETTY, MD, EDWIN SU, MD Non-HSS: Moderator(s): Jay D. Mabrey, MD, Bassam A. Masri, MD
11:48 PM - 11:54 AM Room: 3105	<i>Podium No: 536 – Adult Reconstruction Knee 5: – Varus Gonarthrosis Predisposes to Varus Malalignment in TKA</i>	FRIEDRICH BOETTNER, MD, RICHARD S. LASKIN, MD Non-HSS: Thomas Jan Heyse, MD, Ralf Decking, MD, John P. Davis, RN, Moderator(s): Keith R. Berend, MD, Jeffery L. Pierson, MD
12:18 PM - 12:24 PM Room: 2201	<i>Podium No: 525 – Sports Medicine/Arthroscopy 5: Cartilage Resurfacing / Hip Arthroscopy – Atypical Stress Fractures Predict Bone Health in Athletic Females</i>	TERRY KARL, RD, CDN, LISA R. CALLAHAN, MD, JO A. HANNAFIN, MD, PhD Non-HSS: Pamela J. Sherman, MD (Presenter), Deborah Saint-Phard, MD, Jennifer Rogers, MD, Moderator(s): J. W. Thomas Byrd, MD, Mark J. Lemos, MD
1:30 PM - 3:30 PM Room: Palazzo N	<i>Instructional Course: 343 – Adult Recon/Knee – Minimally Invasive Total Knee Arthroplasty: Past, Present and Future</i>	STEVEN HAAS, MD Non-HSS: Peter M. Bonutti, MD, Mark W. Pagnano, MD, Alfred J. Tria Jr., MD, Moderator(s): Michael A. Mont, MD
1:30 PM - 3:30 PM Room: Venetian G	<i>Symposia: AA – Spine – International Controversies in the Diagnosis and Management of Basic Spine Problems</i>	OHENEBA BOACHIE-ADJEL, MD (MODERATOR) Non-HSS: Tarcisio E.P. Barros-Filho, MD, Fernando A. Mendes Facanha-Filho, MD, Frank J. Schwab, MD, Luiz Roberto Vialle, Moderator(s): Romeu Krause Goncalves, MD
4:00 PM - 6:00 PM Room: 2001	<i>Symposia: EE – Sports Med/Arthroscopy – Sports Injuries: “Doc, When Can I Return?”</i>	RUSSELL F. WARREN, MD Non-HSS: James R. Andrews, MD, Felix H. Savoie III, MD, Moderator(s): Darren L. Johnson, MD
4:00 PM - 6:00 PM Room: Palazzo K	<i>Instructional Course: 365 – Sports Med/Arthroscopy – Hip Arthroscopy: Advanced Surgical Techniques</i>	BRYAN T. KELLY, MD Non-HSS: John C. Clohisy, MD, Carlos Guanche, MD, Moderator(s): Christopher Larson, MD
4:54 PM - 5:00 PM Room: Venetian I	<i>Podium No: 623 – Adult Reconstruction Hip 7: Bearing Surface Wear, Polyethylene, and Miscellaneous Hip Topics – Effect of Ultra-Thin Polyethylene on the Wear of Highly Cross-Linked Liners in a Hip Simulator Model</i>	AMAR D. RAJADHYAKSHA, MD (FELLOW, PRESENTER), NATALIE KELLY, SUZANNE A. MAHER, PhD, JOSEPH LIPMAN, TIMOTHY WRIGHT, PhD, GEOFFREY H. WESTRICH, MD Non-HSS: Moderator(s): Robert Barry Bourne, MD, Harry A. McKellop, PhD
5:10 PM - 5:45 PM The Wynn Hotel	<i>Orthopaedic Review Course Number: 390 – Tumors and Metabolic Bone Disease – Metabolic Bone Disease</i>	JOSEPH M. LANE, MD Non-HSS: Moderator(s): Albert J. Aboulafla, MD
5:12 PM - 5:18 PM Room: Palazzo P	<i>Podium No: 670 – Foot/Ankle 3: Soft Tissue Disorders – Functional and Radiographic Outcomes of Modified Scarf Osteotomy, in the Treatment of Hallux Valgus</i>	PADHRAIG O'LOUGHLIN, MD (PRESENTER, RESEARCH FELLOW), GRIGORY SYRKIN, JOHN G. KENNEDY, MD Non-HSS: Christopher W. Hodgkins, MD, Moderator(s): Paul T. Fortin, MD, John S. Gould, MD

HSS PRESENTERS AT THE ORS/AAOS ANNUAL MEETING

AAOS SPECIALTY DAY – SATURDAY, FEBRUARY 28 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
7:40 AM - 7:45 AM Room: Venetian G	AMERICAN SHOULDER AND ELBOW SURGEONS <i>Session 1: Improving Results of Rotator Cuff Surgery: Patient Selection, Techniques, Rehabilitation</i> Paper #3 – rhPDGF-ββ Coated Sutures Enhances Rotator Cuff Repair in an Ovine Model	JOSHUA S. DINES, MD , Non-HSS: Christopher Uggen, MD (Presenter), Michelle McGarry, MS, Daniel A. Grande, PhD, Thay Q. Lee, PhD, Orr Limpisvasti, MD
7:50 AM - 7:55 AM Room: Venetian G	AMERICAN SHOULDER AND ELBOW SURGEONS <i>Session 1: Improving Results of Rotator Cuff Surgery: Patient Selection, Techniques, Rehabilitation</i> Paper #5 – The Effect of Matrix Metalloproteinase Inhibition on Tendon-to-Bone Healing in a Rotator Cuff Repair Model	ASHEESH BEDI, MD (PRESENTER, 2008 FELLOW) , DAVID KOVACEVIC, CAROLYN HETRICH, MD (2008 RESIDENT) , LAWRENCE GULOTTA, MD (2008 RESIDENT) , JOHN EHTESHAMI, MD (2008 RESIDENT) , RUSSELL F. WARREN, MD, SCOTT RODEO, MD Non-HSS: Moderator(s): Peter B. MacDonald, MD, Christopher M. Jobe, MD
8:05 AM - 8:13 AM Room: 2001	HIP SOCIETY/ AMERICAN ASSOCIATION OF HIP AND KNEE SURGEONS <i>Symposium 1: The New Bearings Have Solved All of our Problems... Right?</i> Ceramic-Ceramic THA at 10+ Years: What Have We Learned About What Works and What Does Not?	CHITRANJAN S. RANAWAT, MD Non-HSS: Moderator(s): Daniel Berry, MD
8:15 AM - 8:34 AM Room: Venetian E	AMERICAN ORTHOPAEDIC SOCIETY FOR SPORTS MEDICINE <i>Scientific Session 2: Hip Arthroscopy</i>	BRYAN T. KELLY MD (CO-MODERATOR) Non-HSS: Moderator(s): Marc R. Safran MD
8:16 AM - 8:23 AM Room: 2401	AMERICAN ORTHOPAEDIC FOOT & ANKLE SOCIETY <i>Symposium I: Case Based – The Ankle Sprain: What Won't Get Better</i> Talar Chondral Lesions - Acute	JOHN G. KENNEDY, MD Non-HSS: Moderator(s): Mark E. Easley, MD
8:20 AM - 8:25 AM Room: Venetian G	AMERICAN SHOULDER AND ELBOW SURGEONS <i>Session 1: Improving Results of Rotator Cuff Surgery: Patient Selection, Techniques, Rehabilitation</i> Paper #9 – Synovial Inflammation and Tendon Remodeling are Decreased in Partial Thickness vs. Full Thickness Rotator Cuff Tears	CAMILLE M. CLINTON, MD (PRESENTER, 2008 FELLOW) , STEPHEN F. BROCKMEIER, MD (2007 FELLOW) , MICHAEL SHINDLE, MD (2008 RESIDENT) , ALEXANDRA DiTULLIO, DAVID KOVACEVIC, CHRIS CHEN, PHD, RUSSELL F. WARREN, MD Non-HSS: Megan Carroll, Moderators: Peter B. MacDonald, MD, Christopher M. Jobe, MD
8:59 AM - 9:04 AM Room: Venetian E	AMERICAN ORTHOPAEDIC SOCIETY FOR SPORTS MEDICINE <i>Scientific Session 4: Primary ACL Reconstruction</i> Trans tibial versus Anteromedial Portal Drilling of the Femoral Tunnel for ACL Reconstruction: A Comparison of Tunnel Length and Obliquity	ASHEESH BEDI, MD, (2008 FELLOW, PRESENTER) BRAD RAPHAEL, MD (2008 RESIDENT) , ALEX MADERAZO, MD, HELENE PAVLOV MD, RILEY J. WILLIAMS III, MD Non-HSS: Moderator(s): Mark E. Steiner MD, Co-Moderator(s): Darren L. Johnson MD
9:32 AM - 10:19 AM Room: Venetian E	AMERICAN ORTHOPAEDIC SOCIETY FOR SPORTS MEDICINE <i>Scientific Session 5: Meniscal Injuries</i>	SCOTT A. RODEO, MD (MODERATOR) Non-HSS: Co-Moderator(s): Richard D. Parker MD
10:45 AM - 11:00 AM Room: 3304	LIMB LENGTHENING AND RECONSTRUCTION SOCIETY: ASAMI-NORTH AMERICA <i>Symposium: Treatment of the Soft Tissues in Musculoskeletal Injuries</i> Bone Techniques for Soft Tissue Wounds	S. ROBERT ROZBRUCH, MD Non-HSS: Moderator(s): Janet Conway, MD
10:50 AM - 10:55 AM Room: Venetian G	AMERICAN SHOULDER AND ELBOW SURGEONS <i>Symposium II: Controversies in Proximal Humerus Fractures</i> Case Presentation: 68-Year-Old Active Patient with Comminuted Shoulder Fracture <i>When to Open Reduce, Internally Fixate</i>	DAVID L. HELFET, MD Non-HSS: Moderator(s): Frances Cuomo, MD
12:50 PM - 1:35 PM Room: Venetian G	AMERICAN SHOULDER AND ELBOW SURGEONS <i>Session IV: Reverse Prosthesis: Recognizing and Treating Complications</i> Discussion	DAVID M. DINES, MD (MODERATOR AND PRESENTER) Non-HSS: Michael A. Wirth, MD
1:15 PM - 1:20 PM Room: Venetian G	AMERICAN SHOULDER AND ELBOW SURGEONS <i>Session IV: Reverse Prosthesis: Recognizing and Treating Complications</i> Paper #29 – The Paradoxical Effects of Tendon Transfer in Reverse Total Shoulder Arthroplasty: A Biomechanical Model	WILLIAM J. ROBERTSON, MD (PRESENTER, 2008 RESIDENT) , DANIEL CHOI, MENG, GARRY HAYECK, PHD, KATE MEYERS, MENG, TIMOTHY WRIGHT, PHD, DONALD L. BARTEL, PHD, RUSSELL F. WARREN, MD, DAVID M. DINES, MD (MODERATOR) Non-HSS: Moderators: Michael A. Wirth, MD
1:20 PM - 1:25 PM Room: Venetian E	AMERICAN ORTHOPAEDIC SOCIETY FOR SPORTS MEDICINE <i>Scientific Session 9: Rotator Cuff</i> Long-Term Outcome of Recurrent Defects After Rotator Cuff Repair	CHRISTOPHER C. DODSON, MD (PRESENTER, 2008 FELLOW) , ALISON KITAY, MD (2008 RESIDENT) , RONALD ADLER, MD, JOSEPH NGUYEN, MPH, FRANK A. CORDASCO, MD, DAVID W. ALTCHEK, MD Non-HSS: Nikhil N. Verma MD, Moderator(s): Neal S. ElAttrache, MD Co-Moderator(s): Jeffrey R. Dugas, MD
1:30 PM - 2:25 PM Room: 2001	HIP SOCIETY/AMERICAN ASSOCIATION OF HIP AND KNEE SURGEONS <i>Symposium V: Controversial Topics in Hip Surgery 2009</i>	THOMAS P. SCULCO, MD (MODERATOR)
1:40 PM - 1:50 PM Room: Venetian D	ARTHROSCOPY ASSOCIATION OF NORTH AMERICA <i>Session V: Meniscal Surgery Symposium</i> When to Resect and When to Repair: Clinical Lessons and Indications	RUSSELL F. WARREN, MD Non-HSS: Moderator(s): Peter R. Kurzweil, MD
2:10 PM - 2:20 PM Room: Venetian D	ARTHROSCOPY ASSOCIATION OF NORTH AMERICA <i>Session V: Meniscal Surgery Symposium</i> Case Presentations and Panel Discussion: Meniscal Surgery	RUSSELL F. WARREN, MD Non-HSS: Brian J. Cole, MD, MBA, Peter R. Kurzweil, MD, Frank R. Noyes, MD, Moderator(s): Peter R. Kurzweil, MD
2:25 PM - 3:15 PM Room: 2001	HIP SOCIETY/AMERICAN ASSOCIATION OF HIP AND KNEE SURGEONS <i>Symposium VI: Hip Resurfacing: Successes and Concerns: Where are we in 2009?</i>	DOUGLAS E. PADGETT, MD (MODERATOR)

HSS PRESENTERS AT THE ORS/AAOS ANNUAL MEETING

AAOS SPECIALTY DAY SESSIONS – SATURDAY, FEBRUARY 28 – THE VENETIAN HOTEL

Time/Location	Title	Presenters/Authors
2:30 PM - 3:17 PM Room: 2201	KNEE SOCIETY/AMERICAN ASSOCIATION OF HIP AND KNEE SURGEONS <i>Symposium V: New Concepts in Musculoskeletal Imaging of Anatomy, Design, and Implant Assessment</i>	THOMAS P. SCULCO, MD (MODERATOR) Non-HSS: Co-Moderator(s): William L. Healy, MD
2:30 PM - 2:36 PM Room: 2401	AMERICAN ORTHOPAEDIC FOOT & ANKLE SOCIETY <i>Paper Session II</i> Clinical Outcomes of Retrograde Drilling in the Treatment of Osteochondral Lesions of the Talus	PADHRAIG O'LOUGHLIN, MD (PRESENTER, RESEARCH FELLOW), MARGARET LOBO, MD (2007 RESIDENT), MARTIN O'MALLEY, MD; HOLLIS POTTER, MD, SHERRI BIRCHANSKY, MD, JOHN G. KENNEDY, MD Non-HSS: Moderators: Gregory C. Berlet, MD, Stephen F. Conti, MD
2:54 PM - 3:02 PM Room: 2201	KNEE SOCIETY/AMERICAN ASSOCIATION OF HIP AND KNEE SURGEONS <i>Symposium V: New Concepts in Musculoskeletal Imaging of Anatomy, Design, and Implant Assessment</i> MRI for Comparison of Particle Disease between a Fixed-Bearing and Rotating Platform in Total Knee Arthroplasty in the Same Patient	HOLLIS POTTER, MD, (PRESENTER), AMAR S. RANAWAT, MD, TREVOR KOOB, LI FOONG FOO, MD, CHITRANJAN S. RANAWAT, MD, THOMAS P. SCULCO, MD (MODERATOR) Non-HSS: Moderator(s): William L. Healy MD
3:04 PM - 3:11 PM Room: 3304	LIMB LENGTHENING AND RECONSTRUCTION SOCIETY – ASAMI-NORTH AMERICA <i>Symposium : Pearls and Pitfalls of: Fixator Assisted Nailing</i>	S. ROBERT ROZBRUCH, MD Non-HSS: Moderator(s): David Feldman, MD
3:17 PM - 4:00 PM Room: 2201	KNEE SOCIETY/AMERICAN ASSOCIATION OF HIP AND KNEE SURGEONS <i>Symposium VI: Is High Flexion Achieved the Old Fashioned Way or Through Design?</i>	TIMOTHY WRIGHT, PhD (MODERATOR) Non-HSS: Jay Lieberman, MD
3:55 PM - 4:00 PM Room: Venetian G	AMERICAN SHOULDER AND ELBOW SURGEONS <i>Session VII: Important Factors Regarding the Humerus</i> Paper #44 – Radiographic and Histopathological Analysis of Osteolysis after Total Shoulder Arthroplasty	CHRISTOPHER K. KEPLER, MD, MBA (2008 RESIDENT), SHANE J. NHO, MD (2008 RESIDENT), MANJULA BANSAL, MD, EDWARD V. CRAIG, MD, TIMOTHY WRIGHT, PhD, RUSSELL F. WARREN, MD Non-HSS: Owen L. Ala, Moderator(s): Gerald R. Williams, Jr, MD
4:10 PM - 5:00 PM Room: Venetian G	AMERICAN SHOULDER AND ELBOW SURGEONS <i>Symposium IV: What Can We Offer to a Patient with a Painful Prosthesis?</i> Case Presentation: 64-year-old with Shoulder Pain following Total Arthroplasty	EDWARD V. CRAIG, MD (MODERATOR)
4:20 PM - 4:25 PM Room: Venetian G	AMERICAN SHOULDER AND ELBOW SURGEONS <i>Symposium IV: What Can We Offer to a Patient with a Painful Prosthesis?</i> Case Presentation: 64-year-old with Shoulder Pain following Total Arthroplasty Glenoid Looseness?	RUSSELL F. WARREN, MD, EDWARD V. CRAIG, MD (MODERATOR)
4:43 PM - 4:50 PM Room: Venetian E	AMERICAN ORTHOPAEDIC SOCIETY FOR SPORTS MEDICINE <i>Symposium 2 – Advances in Management of Stress Fractures</i> How Do We Get These Patients Back on the Field the Quickest?	RUSSELL F. WARREN, MD Non-HSS: Moderator(s): Eric C. McCarty, MD
4:45 PM - 5:00 PM Room: Venetian I	ORTHOPAEDIC TRAUMA ASSOCIATION <i>New Concepts in Image Guidance and Computer Assisted Surgery</i> Tips and Tricks for Computer Aided Traumatology	ANDREW D. PEARLE, MD Non-HSS: Moderators: Hans-Christoph Pape, MD, David M. Kahler, MD

AAOS POSTERS AND SCIENTIFIC EXHIBITS – ALL DAYS, FEBRUARY 25 - 28 AT VENETIAN/SANDS EXPO HALL D

The presenter will be available at the exhibit from 11:30 AM to 12:30 PM Wednesday through Friday for discussion.

Title	Presenters/Authors
<i>Scientific Exhibit: SE55 – Shoulder/Elbow – Treatment for Failed Total Shoulder Arthroplasty (TSA) Based on Analysis of Retrieved Components</i>	CHRISTOPHER KEPLER, MD (2008 RESIDENT), SHANE NHO, MD (2008 RESIDENT), DENIS NAM, MD (2008 RESIDENT), BRADLEY RAPHAEL, MD (2008 RESIDENT), EDWARD V. CRAIG, MD, TIMOTHY WRIGHT, PhD, RUSSELL F. WARREN, MD
<i>Scientific Exhibit: SE86 – Basic Research – Current Hot Topics in Orthopaedic Research - Orthopaedic Research Society - BOS</i>	SCOTT RODEO, MD Non-HSS: Tony Keaveny, PhD, Johnny Huard, PhD, Christopher H. Evans, PhD, Maurizio Pacifici, PhD, Jay R. Lieberman, MD
<i>Poster Presentation: P002 – Adult Reconstruction Hip – Computer-Based Wear Analysis and Clinical Outcome of Highly Cross-Linked Polyethylene Liners</i>	TREVOR KOOB, CHITRANJAN S. RANAWAT, MD, AMAR S. RANAWAT, MD (PRESENTER) Non-HSS: Panagiotis Tsailas
<i>Poster Presentation: P025 – Adult Reconstruction Hip – The Impact of Pre- and Postoperative Risk Factors on Mortality after Lower Extremity Arthroplasty</i>	STAVROS G. MEMTSOUDIS, MD, PhD, RONALD MACKENZIE, MD, PANAGIOTIS S. KOULOUVARIS, MD (2006 RESEARCH FELLOW), EDUARDO SALVATI, MD, ALEJANDRO GONZALEZ DELLA VALLE, MD (PRESENTER) Non-HSS: Melanie C. Besculides, DrPH, MPH, Matthew Esposito, Licia Gaber-Baylis
<i>Poster Presentation: P047 – Adult Reconstruction Hip – Treatment of Infected Total Hip Arthroplasty with a Two-Stage Reimplantation Protocol</i>	SARAH WALCOTT-SAPP, EDUARDO SALVATI, MD, MATHIAS BOSTROM, MD, BARRY D. BRAUSE, MD, GEOFFREY H. WESTRICH, MD, CHARLES TOULSON, MD (PRESENTER, 2007 FELLOW) Non-HSS: John Hur, MD
<i>Poster Presentation: P122 – Adult Reconstruction Knee – Load-to-Failure of the Patellar Tendon with the Patella Everted vs. Non-Everted in a Cadaver Model</i>	KATHLEEN MEYERS, PAOLO DiBENEDETTO, MD, STEVEN HAAS, MD, JAMES RYAN, MD (PRESENTER, 2008 FELLOW)

Please note: presenters, locations and times are subject to change.

HSS PRESENTERS AT THE ORS/AAOS ANNUAL MEETING

AAOS POSTERS AND SCIENTIFIC EXHIBITS – ALL DAYS, FEBRUARY 25 - 28 AT VENETIAN/SANDS EXPO HALL D

The presenter will be available at the exhibit from 11:30 AM to 12:30 PM Wednesday through Friday for discussion.

Title	Presenters/Authors
Poster Presentation: P180 – Adult Reconstruction Knee – Efficacy of a Percutaneous Neuromodulation Pain Therapy Device Following Total Knee Replacement	SCOTT RODEO, MD, RUSSELL E. WINDSOR, MD, TONY WANICH, MD (2008 RESIDENT, PRESENTER) Non-HSS: Jonathan Gelber
Poster Presentation: P197 – Adult Reconstruction Knee – Long Term Efficacy of Early Knee Manipulation for Treating the Stiff Total Knee Arthroplasty	JESSICA EHRHARDT, STEVEN N. SHAH, MD (2008 FELLOW), GEOFFREY H. WESTRICH, MD (PRESENTER)
Poster Presentation: P204 – Adult Reconstruction Knee – Neuropathy after Primary Total Knee Arthroplasty: Frequency and Predictors	ANITA WU, MD, JOSEPH NGUYEN, MPH, TEENA SHETTY, MD, EDWIN SU, MD, STEPHEN LYMAN, PhD (PRESENTER)
Poster Presentation: P208 – Foot/Ankle – A New Radiographic Parameter Assessing Forefoot Abduction in the Adult Acquired Flatfoot Deformity	SCOTT ELLIS, MD, JONATHAN T. DELAND, MD Non-HSS: Cheol Lee, MD, Ya-Lin Chiu, Joseph C. Yu (Presenter)
Poster Presentation: P217 – Foot/Ankle – The Clinical Importance of the Lateral Branch of the Deep Peroneal Nerve	WALTHER BOHNE, MD, JOHN G. KENNEDY, MD Non-HSS: Donald E. Baxter, MD, Christopher W. Hodgkins, MD (Presenter)
Poster Presentation: P223 – Foot/Ankle – Functional and Radiographic Outcomes of Modified Scarf Osteotomy, in the Treatment of Hallux Valgus	GRIGORY SYRKIN, JOHN G. KENNEDY, MD, PADHRAIG O'LOUGHLIN, MD (PRESENTER, RESEARCH FELLOW) Non-HSS: Christopher W. Hodgkins, MD
Poster Presentation: P224 – Foot/Ankle – Effects of Medial Displacement Calcaneal Osteotomy on Ankle Joint Contact Characteristics	WALTHER BOHNE, MD Non-HSS: Matthew McCullough, PhD, Kazuya Ikoma, MD, Harold B. Kitaoka, MD, Kenton R. Kaufman, PhD, Lawrence J. Berglund, MD, Tukaaki Hirano, MD, Kawasaki Kanagawa (Presenter)
Poster Presentation: P287 – Shoulder/Elbow – Clinical Results of Arthroscopic Single-Row Revision of Failed Rotator Cuff Tears	ASHEESH BEDI, MD (2008 FELLOW), DAVID M. DINES, MD, JOSHUA DINES, MD (PRESENTER)
Poster Presentation: P292 – Shoulder/Elbow – Quantitative Assessment of the Vascularity of the Proximal Humerus using Gadolinium Enhanced MRI	DAVID L. HELFET, MD, DEAN G. LORICH, MD, CAROLYN HETRICH, MD, MPH (PRESENTER, 2008 RESIDENT) Non-HSS: Sreevatha Borwiah, MD, Jonathan Dyke, PhD
Poster Presentation: P294 – Shoulder/Elbow – Shoulder Arthroplasty with a Mini-Stem Humeral Component for Primary Osteoarthritis	DAVID M. DINES, MD, PATRICK JOST, MD (2008 RESIDENT), DAVID W. ALTCHER, MD, JOSHUA DINES, MD (PRESENTER) Non-HSS: Matthew Griffith, MD, Michael Jonathan Angel, MD
Poster Presentation: P297 – Shoulder/Elbow – Arthroscopic Capsular Plication in the Treatment of Swimmer's Shoulder	SCOTT RODEO, MD, DAVID W. ALTCHER, MD, SCOTT MONTGOMERY, (PRESENTER) Non-HSS: Neal C-J Chen, MD
Poster Presentation: P322 – Shoulder/Elbow – rhPDGF- $\beta\beta$ - Coated Sutures Enhances Rotator Cuff Repair In An Ovine Model	JOSHUA DINES, MD (PRESENTER) Non-HSS: Christopher Uggen, MD, Daniel A. Grande, PhD, Thay Q. Lee, PhD, Orr Limpisvasti, MD
Poster Presentation: P323 – Shoulder/Elbow – Patients' Preoperative Expectations of Total Shoulder Arthroplasty	CAROL A. MANCUSO, MD, ROBERT G. MARX, MD, R. FRANK HENN, III MD (PRESENTER, 2008 RESIDENT) Non-HSS: Madhu Mazumdar, PhD, Hassan Ghomrawi, PhD
Poster Presentation: P340 – Shoulder/Elbow – Collagenase Expression Relates to Tear Size And Correlates with Healing of Rotator Cuff Tissue	MICHAEL KENNETH SHINDLE, MD (2008 RESIDENT), ALEXANDRA DITULLIO, STEPHEN BROCKMEIER, MD (2007 FELLOW), CHRIS CHEN, PhD, RUSSELL F. WARREN, MD, CAMILLE CLINTON, MD (2008 FELLOW, PRESENTER)
Poster Presentation: P360 – Spine – Lumbar Spine Fusion Rates In Patients With Osteoporosis; A Case Control Study	FRANK P. CAMMISA, MD, FEDERICO P. GIRARDI, MD Non-HSS: Alexander Richter; Elias Papadopoulos, MD (Presenter)
Poster Presentation: P405 – Spine – Demographics, Utilization & Outcomes of Anterior Cervical Fusion Procedures: USA, 1990-2004	FEDERICO P. GIRARDI, MD, FRANK P. CAMMISA, MD, MICHAEL URBAN, MD, STAVROS G. MEMTSOUDIS, MD, PhD, ANDREW A. SAMA, MD (PRESENTER) Non-HSS: Licia Gaber-Baylis, Melanie C. Besculides, DrPH, MPH
Poster Presentation: P406 – Sports Medicine/Arthroscopy – Effect of ACL Reconstruction and Meniscectomy on Career Length in NFL Athletes: A Case Control Study	STEPHEN LYMAN, PhD, SCOTT RODEO, MD, RUSSELL F. WARREN, MD, ROBERT BROPHY, MD (PRESENTER, 2007 FELLOW) Non-HSS: Corey S. Gill, MD, Ronnie P. Barnes
Poster Presentation: P415 – Sports Medicine/Arthroscopy – Native ACL Obliquity versus ACL Graft Obliquity : Utilizing Navigated Measurements	DANIEL KENDOFF, MD, MUSA CITAK, MD, RUSSELL F. WARREN, MD, ANDREW D. PEARLE, MD Non-HSS: Fatima Cody Stanford, MPH (Presenter)
Poster Presentation: P424 – Sports Medicine/Arthroscopy – Single Bundle ACL Reconstruction: a Comparison of Vertical, Central and Horizontal Grafts	ANDREW D. PEARLE, MD, ROBERT BROPHY, MD (PRESENTER, 2007 FELLOW)
Poster Presentation: P431– Sports Medicine/Arthroscopy – Prospective Evaluation of Arthroscopic Bankart Repairs for Anterior Instability	JAMES VOOS, MD (2008 RESIDENT), BRIAN FEELEY, MD (2008 FELLOW), DAVID W. ALTCHER, MD, RUSSELL F. WARREN, MD, FRANK A. CORDASCO, MD, ANSWORTH ALLEN, MD, RYAN W. LIVERMORE, MD (2008 FELLOW, PRESENTER)
Poster Presentation: P442 – Sports Medicine/Arthroscopy – Dynamic Contact Mechanics of Radial Tears of the Medial Meniscus: Partial Meniscectomy Versus Repair	NATALIE KELLY, ROBERT BROPHY, MD (2007 FELLOW), ALICE FOX, SUZANNE MAHER, PhD, RUSSELL F. WARREN, MD, ASHEESH BEDI, MD (PRESENTER, 2008 FELLOW)

Please note: presenters, locations and times are subject to change.

HSS PRESENTERS AT THE ORS/AAOS ANNUAL MEETING

AAOS POSTERS AND SCIENTIFIC EXHIBITS – ALL DAYS, FEBRUARY 25 - 28 AT VENETIAN/SANDS EXPO HALL D

The presenter will be available at the exhibit from 11:30 AM to 12:30 PM Wednesday through Friday for discussion.

Title	Presenters/Authors
<p><i>Poster Presentation: P446 – Sports Medicine/Arthroscopy – Effect of Applied Strain</i> V. Immobilization on a Tendon-to-Bone Graft in Rat ACL Reconstruction Model</p>	<p>DAVID KOVACEVIC, ALICE FOX, CARL W. IMHAUSER, PhD (POST-DOCTORAL FELLOW), MARK STASIAK, ASHEESH BEDI, MD (2008 FELLOW), XENG DENG, MD, SCOTT RODEO, MD, ROBERT BROPHY, MD (PRESENTER, 2007 FELLOW)</p>
<p><i>Poster Presentation: P462 – Trauma – Operative Treatment of Acetabular</i> Fractures in an Older Population</p>	<p>FLORIAN G. HUBER, MD (2008 FELLOW), ARIEL GOLDMAN, MD (2008 FELLOW), ERIC L. PAGENKOPF, MD (2006 FELLOW), DEAN G. LORICH, MD, DAVID L. HELFET, MD, EBEN A. CARROLL, MD (PRESENTER, 2008 FELLOW) <i>Non-HSS: Walter W. Virkus, MD</i></p>
<p><i>Poster Presentation: P486 – Trauma – Recovery of Gait Following Intramedullary</i> Nailing for Intertrochanteric Fractures.</p>	<p>OMESH PAUL, MD, DAVID L. HELFET, MD, DEAN G. LORICH, MD, JOSEPH BARKER, MD (PRESENTER, 2008 RESIDENT) <i>Non-HSS: Sreevathsa Boraiiah, MD,</i></p>
<p><i>Poster Presentation: P492 – Trauma – Functional Outcomes of Syndesmotic</i> Screw Removal</p>	<p>OMESH PAUL, MD, DAVID L. HELFET, MD, DEAN G. LORICH, MD, ANNA MILLER, MD (PRESENTER, 2008 RESIDENT) <i>Non-HSS: Sreevathsa Boraiiah, MD, Robert J. Parker</i></p>
<p><i>Poster Presentation: P534 – Tumors/Metabolic Bone Disease</i> Chondrosarcoma in Children and Young Adults</p>	<p>JOHN H. HEALEY, MD, FACS, EDWARD ATHANASIAN, MD <i>Non-HSS: Ayesha Abdeen, MD, Patrick J. Boland, MD, Carol D. Morris, MD (Presenter)</i></p>
<p><i>Poster Presentation: P539 – Tumors/Metabolic Bone Disease</i> Hypovitaminosis D in Patients Scheduled to Undergo Orthopedic Surgery: A Single Center Analysis</p>	<p>LISA SHINDLE, MSN, NAKUL KARKARE, MD (2008 FELLOW), JOSEPH NGUYEN, MPH, JOSEPH M. LANE, MD, LJILJANA BOGUNOVIC (PRESENTER) <i>Non-HSS: Brandon S. Beamer; Mumbai Maharashtra, Abraham Kim</i></p>
<p><i>Poster Presentation: P540 – Tumors/Metabolic Bone Disease</i> Prevalence and Risk Factors for Hypovitaminosis D Among Orthopedic Trauma Patients</p>	<p>LJILJANA BOGUNOVIC, LISA SHINDLE, MSN, JOSEPH M. LANE, MD <i>Non-HSS: Brandon S. Beamer (Presenter)</i></p>

Please note: presenters, locations and times are subject to change.