



THE MAGAZINE OF THE HSS ALUMNI ASSOCIATION | SPRING 2019

ALUMNI NEWS

Engaging leaders. Connecting peers.



Surgical Simulation in Residency Training



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WHO'S WHO IN THE HSS ALUMNI ASSOCIATION

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Alumni News

Hospital for Special Surgery

2016 GD USA Health & Wellness Award

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ALUMNI NEWS

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On the cover: Justin Dufresne, CST, Bioskills Education Lab Manager and resident Cynthia Kahlenberg, MD, practicing with virtual reality simulation.

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A MESSAGE FROM THE SURGEON-IN-CHIEF

Todd J. Albert, MD

I am pleased to invite you to our upcoming annual Alumni Reception at the AAOS Annual Meeting in Las Vegas. Join us at the Wyn Las Vegas in the Sunset Terrace Room on Friday, March 15 from 6:00–8:00 pm. I look forward to seeing many of you there.

PLEASE JOIN US IN
2019!

HSS ALUMNI
@ AAOS

March 12–16, 2019

**HSS Alumni Association
Cocktail Reception
Friday, March 15, 2019
6:00–8:00 pm**

Wynn Las Vegas | Sunset Terrace
Lobby Level, Tower Suites, South Valet
Entrance
3131 South Las Vegas Boulevard
Las Vegas, Nevada

**HSS Class Representative
and International Alumni
Ambassador Meeting
Friday, March 15, 2019
4:30–6:00 pm**

Wynn Las Vegas | La Tache
Lobby Level, Tower Suites, South Valet
Entrance
3131 South Las Vegas Boulevard
Las Vegas, NV

RSVP for Alumni events online
or email Colleen O'Shea, MPA, at
osheac@hss.edu.

Please note that Alumni who have not paid their 2019 Alumni Dues will be charged a \$75 admission fee per person to attend the reception. Visit hss.edu/alumni to check your dues status with the password "caspar". You can pay your dues online, or in person at the Alumni Reception or by visiting the HSS Booth #2432 in the Exhibit Hall.

100TH ANNUAL ALUMNI ASSOCIATION MEETING

It was wonderful to see so many alumni return to HSS last October to celebrate the centennial annual meeting of our association. The scientific meeting consisted of an outstanding curriculum spanning a variety of seminal topics, including a session entitled "Cases That Changed How I Practice," with talks from Alumni Matthew Hepinstall, MD, George Paletta Jr., MD, John T. Braun, MD, and Brendan M. Patterson, MD, MBA, and moderated by Matthew J. Kraay, MD. Over 30 modules from the meeting are now available on-demand at hss.edu/eAcademy. I encourage you to type "Alumni Meeting" into the search area to view these offerings if you were not able to attend the meeting in person.

AUTUMN BENEFIT The Annual Autumn Benefit was held at Guastavino's in Manhattan in support of our ongoing commitment to medical education. The event was attended by over 430 guests and raised more than \$1.1 million to support research, training, education and academic programming. This year's event was chaired by Barbara Albert, with Anne Altchek, Sandra Kozlowski, and Mary Lee Shapiro serving as co-chairs. During the benefit, Mathias P.G. Bostrom, MD, Peter K. Sculco, MD, and Russell F. Warren, MD, were recognized with awards for their commitment and dedication to resident and fellow education.

VISITING PROFESSOR LECTURE SERIES

For those of you who are based in the New York City area, I welcome you to join us on select Fridays for our CME-accredited Visiting Professor Lecture Series. Several phenomenal guest faculty have been invited, so please visit hss.edu/vpls to view the spring schedule.

NEWS FROM HSS To keep you up-to-date on initiatives at HSS, we have several exciting expansion projects underway including a new facility in West Palm Beach, Florida (opening early next year), along with new locations on the West Side, Brooklyn, and Hudson Yards. In January, we announced a new partnership with LimaCorporate to form the first provider-based additive manufacturing 3D printing facility for custom complex implants, with the goal of setting the stage to substantially increase the availability and speed of personalized care. HSS also extended and expanded a collaboration with the Aspen Institute's Sports & Society Program and Project Play initiative to explore and provide safety strategies and guidelines for children.

NEW MEDICAL STAFF

INTRODUCTIONS I'm pleased to announce several new colleagues who recently joined HSS including: Steve B. Behrens, MD; Andrew Grose, MD, MSc; Sravisht Iyer, MD (Resident 2017); Carlo Milani, MD, MBA (Fellow 2018); Jessica Rachel Starr, MD; Jonathan M. Vigdorichik, MD (Fellow 2013)

MARK YOUR CALENDARS 101ST ANNUAL ALUMNI MEETING

We are in the planning stages for our upcoming annual meeting, and I hope you can arrange to attend on October 24–26. The confirmed Surgeon-in-Chief pro-tempore speaker will be John Flynn, MD, from Children's Hospital Philadelphia and Gary Gartsman, MD, (Resident 1980, Fellow 1981) will be honored as the Distinguished Alumnus. Bernard R. Bach, MD, is serving as our 2019 Alumni Association President.

I look forward to seeing many of you next week at AAOS.

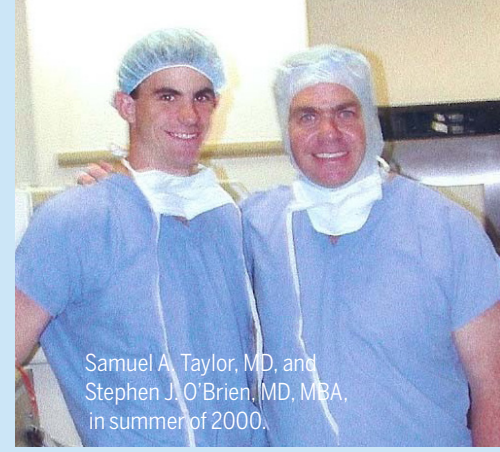


FROM THE OFFICE OF ALUMNI AFFAIRS

Staying Connected

Samuel A. Taylor, MD

Associate Director, Alumni Affairs



Samuel A. Taylor, MD, and Stephen J. O'Brien, MD, MBA, in summer of 2000.

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I found the centennial meeting of our Alumni Association to be a remarkable event, especially when you consider the legacy of 100 years of scientific meetings and the quest for knowledge that at its core continues to shape us and move us all forward.

What unites us and makes HSS special for each of us are the unique people who are a part of this institution, all making their mark as leaders in the field of orthopaedics today.

When I think back to my own journey, when I met **Dr. Stephen J. O'Brien** during the summer of 2000 as a college student aspiring to go into medicine, I could have never imagined what the future would hold and how he and HSS would transform my life. That summer was supposed to be two days of shadowing, but instead turned into an entire summer of clinical observation and immersion into research. That summer began my love affair with orthopaedic surgery. I was, and continue to be, inspired by Dr. O'Brien's bedside manner, surgical

expertise, and genuine desire to inspire students like myself to pursue this field. Now 18 years later, we continue to challenge each other to think outside the box and pursue better ways to treat the same problems. I am certainly not unique to be inspired by HSS giants that have come before me, but remain ever grateful for those two days in the summer of 2000 that changed my life.

As alumni, we have the opportunity a few times a year to come together and connect and renew these bonds. At this year's American Academy of Orthopaedic Surgeons (AAOS) annual meeting, I invite you to attend our annual cocktail reception at the Wynn Las Vegas, Tower Hall, South Entrance, on Friday evening, March 25th from 6 to 8 pm.

The **HSS Booth is #2432**, so please come by when you are out on the exhibit floor. This year, five HSS colleagues will give presentations during the week, and you are welcome to attend any of the sessions at the times noted below.

See you at AAOS,
Samuel A. Taylor, MD

HSS ALUMNI @ AAOS Presentations at the HSS Booth #2432

Stop by to hear your alumni colleagues present on a variety of topics from pediatric orthopaedics and joint replacement to innovative new applications of 3D printing.

MARCH 13

11:00 am

Team Based Approach and Integration of Patient Reported Outcomes with Clinical Practice

Daniel W. Green, MD

Pediatric Orthopaedics

3:00 pm

3D Printing Applications in Orthopaedics

Timothy Wright, PhD

Department of Biomechanics

MARCH 14

11:00 am

The HSS Experience with Bundled Payments for Joint Replacement (CJR)

David J. Mayman, MD,

and Douglas E. Padgett, MD

Adult Reconstruction and Joint Replacement

2:00 pm

ACL: Past, Present and Future

Anil S. Ranawat, MD—Sports Medicine

MARCH 15

10:00am

Winning the Race to Fracture Healing

William M. Ricci, MD

Orthopaedic Trauma Service



Integrating Surgical Simulation Into Residency Training

Pilots have long used flight simulators to learn how to fly new aircraft and perform high-risk maneuvers. Today, surgical simulation plays an increasing role in training orthopaedic residents, and for many of the same reasons.

“Surgery has traditionally been taught in an apprentice-type model, but that clearly isn’t the best way for young doctors to learn, or the safest way for patients. We’re a top program in the country, and we need to be taking a leadership role in orthopaedic surgical simulation.”

—Mathias P.G. Bostrom, MD

The Bioskills Education Laboratory (BSEL) is home base for simulation education at HSS. It opened in 2000 mainly as a sawbone laboratory and quickly expanded to give residents the opportunity to work with cadavers. From the start it was stocked with state-of-the-art equipment for residents to learn arthroscopy and surgical techniques.

“We were also early adopters of computer simulation for knee arthroscopy and shoulder arthroscopy, and we’re about to get an ankle simulator as well,” says **Mathias P.G. Bostrom, MD** (Resident 1995, Fellow 1996), Orthopaedic Residency Program

Director Emeritus, and Vice Chairman of Education & Academic Affairs at HSS. Today, with radiolucent operating room tables, ceiling-mounted operating room lights and video recording—as well as suction, irrigation and electrical power—the lab offers residents a realistic immersion experience.

Recently residents also have been testing virtual reality (VR) simulations that take them step-by-step through tasks such as complicated knee surgeries. While not yet a routine part of the BSEL, such simulations could in time provide additional opportunities for residents to learn and practice procedures.

From Boot Camp to Surgical Games

Residents first encounter the BSEL even before they are accepted into the program—during the admissions process, applicants go to the lab for assessment of hands-on skills like suturing. Then, in June, the nine young doctors admitted to the new class meet up in the BSEL for a week of “boot camp” to practice skills ranging from tying knots to getting comfortable with instrumentation. After that, work in the BSEL is integrated into every step of resident training. Each specialty and subspecialty has its own curriculum.

“Time in the skills lab provides residents with the opportunity for deliberate practice,” says **Duretti Fufa, MD**, (Resident 2011) Orthopaedic Residency Program Director at HSS. “Like shooting free throws and running plays in practice, we rehearse the basic components of surgery to prepare for game time, which in this case is performance in the operating room.”

Residents also go to the BSEL for “Surgical Games,” an annual event that provides objective assessment of their progress as well as structured feedback, at each PGY level. Throughout residency, opportunities to work in the BSEL abound. In 2018, for example, surgical simulation was part of the Alumni Meeting Program for Trainees, taught by HSS faculty.

In fact, surgical simulation has become such an important element of resident training that a new Simulation Education Advisory Council will provide strategic oversight as HSS continues to innovate with this technology. “Our ultimate goal is to improve musculoskeletal care,” says Council Chair **Peter K. Sculco, MD** (Resident 2014). “To this end, the Council will set a long-term vision for integrating new technology into simulation education and develop strategies to make the most of the BSEL, including engaging HSS faculty.”

“Simulation is a standard part of training now. The old saying was ‘see one, do one, teach one.’ Now it’s ‘see one, practice some.’ ”

—Robert E. Atkinson, MD

A New Standard of Training

“Simulation is a standard part of training now,” says **Robert E. Atkinson, MD** (Resident 1982), Chief of the University of Hawaii Orthopaedic Residency Training Program, and Division Chief of Orthopaedic Surgery for the John A. Burns School of Medicine. “The old saying was ‘see one, do one, teach one.’ Now it’s ‘see one, practice some.’ ”

During their first months of training, residents at the University of Hawaii do surgical simulation modules developed by the American Academy of Orthopaedic Surgeons (AAOS). An arthroscopy boot camp is held for upper level residents, and they also travel to courses and meetings to learn and practice surgical skills.

“All of us are excited about surgical simulation because it provides opportunities for learners to try things in a low risk environment,” says **Paul T. Rubery, MD** (Resident 1993), Chair of the Department of Orthopaedics at the University of Rochester Medical Center.

“All of us are excited about surgical simulation because it provides opportunities for learners to try things in a low-risk environment.”

—Paul T. Rubery, MD

“We’re a top program in the country, and we need to be taking a leadership role in orthopaedic surgical simulation.”

—Mathias P.G. Bostrom, MD

“During October, all of our first-year residents devote the entire afternoon of every day to an intensive month in our surgical skills laboratory. The idea is to bring these talented graduates of numerous different medical schools up to the same starting line in terms of orthopaedic surgery.”

With so many devices, computer simulations, and VR programs, the field of orthopaedic surgical simulation is “in some ways like the wild wild West right now,” says Dr. Bostrom. He and others are working toward ways to evaluate them.

“I look at all of those things as part of a portfolio of simulation,” says Dr. Bostrom. So that when the young surgeon goes into an operating room, he or she is clearly aware of the logistics of what’s going to happen, and can pick up the nuances of what happens when they’re operating on the patient. Simulation doesn’t replace actually doing surgery on a patient. But it gets residents much better prepared to do so.”



Michael Khair, MD, conducted a BSEL Visiting Alumni session in April 2018.

Bioskills Education Laboratory Visiting Alumni Program

This unique program allows current and former trainees to maintain a partnership of higher learning. Alumni have the opportunity to return to HSS to co-facilitate a specialty lab session and showcase their expertise. Residents and fellows have the opportunity to network with former colleagues and mentors.

2012

Sommer Hammoud, MD

2013

Asheesh Bedi, MD
Robert C. Klapper, MD
Christopher J. Wahl, MD
Domenick J. Sisto, MD

2014

Benjamin McArthur, MD
Charles L. Nelson, MD
Christopher Smith, MD

2015

Jaimo Ahn, MD, PhD
Dwight S. Tyndall, MD
Mihir M. Patel, MD
George F. Chimento, MD

2016

Paul E. Kovatis, MD
Jeremy LaMothe, MD
Daniel E. Osei, MD, MSC

2017

Thomas W. Huff, MD
Anna N. Miller, MD
Michael G. Ryan, MD
Seth L. Sherman, MD
Steven B. Zelicof, MD, PhD

2018

Neal Chen, MD
Wakenda K. Tyler, MD, MPH
Michael Khair, MD
Tony S. Wanich, MD

2019

Milton Little, MD





2019 ALUMNI PRESIDENT

Bernard R. Bach Jr., MD

The Claude N. Lambert, MD/Helen S. Thomson Professor
Director Emeritus, Division of Sports Medicine
Director Emeritus, Sports Medicine Fellowship
Department of Orthopaedic Surgery
Rush University Medical Center
Chicago, IL

As a high-school student, **Bernard R. Bach Jr., MD**, set his sights on playing football at the University of Michigan. Then, before his senior year, he blew out both his anterior cruciate ligament (ACL) and medial collateral ligament (MCL). The knee injury dashed Dr. Bach's dream of Division I football, but it launched his career.

Dr. Bach's surgery—and his surgeon—so impressed him that he wrote a school paper on knee ligament injuries. And when the Detroit Free-Press published a student-athlete profile about him, he told the reporter he wanted to be an orthopaedic surgeon who did knee surgeries and took care of athletes. Almost 50 years later, he has done all of that, and much more.

As an undergraduate at Harvard, Dr. Bach went on to play football and baseball. But he injured his other knee, and needed a repair to the first surgery, forcing him to set aside football for good and turn to medicine. Thanks to the mentorship of the Harvard team physician, Dr. Bach went to the University of Cincinnati to complete his medical degree. He then returned to Harvard and Massachusetts General Hospital for residency.

Dr. Bach arrived at HSS in 1985, for a fellowship year with sports medicine pioneer Russell F. Warren, MD, during what was a pivotal time in advancing knee surgery. "We were in the beginning days of arthroscopic knee ligament reconstruction, and Dr. Warren was on the forefront of that," he recalls.

As a resident, Dr. Bach had observed many ACL surgeries with big incisions that required long recovery times in casts—he himself had spent 6 months in casts from such procedures. Halfway through his HSS fellowship, however, Dr. Warren began doing arthroscopically assisted two-incision ACL procedures. The changeover in practice to routine arthroscopy came quickly.

The fellowship year at HSS was "a life-changing experience," says Dr. Bach. "Every day when we made rounds, Dr. Warren would generate about 10 research ideas. He rejuvenated the dream that I had of being an academician—he pushed me to do research and write."

In 1986 Rush University Medical Center, in Chicago, recruited Dr. Bach to develop a sports medicine program. He drew, in part, from his experience at HSS. "One of the things that impressed me as a fellow at HSS was that you felt like you were treated well, with respect, and that you were part of a family," he says. "Going forward, as I went into practice, I conveyed that to our residents. We treat you like gentlemen and gentlewomen, and you will go and do the same for the people you educate and train. I always tell our residents and fellows, you're given an awful lot, and much is expected in return."

During 30 years as Director of the Division of Sports Medicine at Rush, Dr. Bach trained nearly 125 residents and 90 sports medicine fellows. The program is recognized today as one of the country's most prestigious for sports medicine. A leading knee and

shoulder surgeon, Dr. Bach is a team physician for the Chicago White Sox and the Chicago Bulls. He has more than 1,000 academic manuscripts and other publications to his credit. Dr. Bach's achievements have been recognized with many awards, including, in 2017, the American Orthopedic Society for Sports Medicine "Mr. Sports Medicine" leadership award. In 2018 he delivered the AAOSM John C. Kennedy Lecture and was elected into the AOSSM Hall of Fame. This year, he will receive a distinguished alumnus award from the University of Cincinnati Medical School.

For HSS residents and fellows, Dr. Bach says alumni events are important, whether receptions at the American Academy of Orthopaedic Surgeons or the Annual Meeting, because "this is a special family. You are surrounded not only by colleagues, but by mentors who are world class leaders. It benefits the institution as well as the individual to stay active in the Alumni Association."

Dr. Bach also encourages residents and others early in their career to make their personal families a priority. He has been married to his wife Elizabeth since 1982, and they have two children: David, 34, now at a real estate investment firm in Chicago; and Laura, 31, who works for a global health advocacy organization in Washington, DC. Even with busy careers and lives, the family still makes time to be together, including a recent safari vacation in Tanzania.

Above left photo: Dr. Bach with his family (left to right), wife Elizabeth, son David, and daughter Laura.

2018 Alumni Association 100TH Annual Meeting

Colleen O'Shea, MPA



Alumni gather during the reception at Rockefeller University to celebrate the centennial meeting.

This past October, the Alumni Association hosted its 100TH Annual Meeting. This milestone event was a unique opportunity for alumni to gather, share ideas, look back on HSS history, and plan for the future.

2018 Alumni Association 100TH Annual Meeting

Commencing on Thursday afternoon, visiting speaker **Donald S. Bae, MD**, led a thought-provoking session on *Simulation and Evaluation in Surgical Training*, which was followed by a hands-on “Pediatric Surgical Games Program” for the PGY1, 2 and 3s. **Hon. George Grasso and Stefan P. Stein, MD** facilitated a faculty session addressing *Leadership Under Crisis-The Role of Planning and Reacting*.

At the conclusion of the educational program on Thursday, **Todd J. Albert, MD, Thomas P. Sculco, MD, and Laura Robbins, DSW**, took to the stage to unveil the portrait of **David B. Levine, MD**. After this noteworthy celebration, alumni proceeded to Rockefeller University in the Weiss Café for the Annual Alumni Reception. Overlooking the lights of the Queensboro Bridge, alumni reminisced, connected, and toasted to the legacy of 100 years.

The Friday morning program began early, with resident case presentations moderated by **Surgeon-in-Chief Pro-Tempore James R. Andrews, MD**. Acknowledging the significance of the centennial meeting, **David Rothman, PhD, Professor of Social Medicine, Columbia P&S**, gave a historical lecture on the evolution of the hospital. The inaugural *Alumnus Lessons Learned Case Report Award* was presented to **William B. Macaulay, MD**. **Stephen J. Nicholas, MD**, gave a touching tribute to his father **James A. Nicholas, MD**. At the end of the afternoon breakout sessions, alumni were treated to a wine and cheese reception in the lobby of the Richard L. Menschel Education Center.

Saturday morning highlights included the Presidential Address by **Jo A. Hannafin, MD, PhD**, and the inaugural “Cases that Changed How I Practice” session. **John T. Braun, MD, Matthew Hepinstall, MD, George Paletta Jr., MD, and Brendan M. Patterson, MD, MBA**, presented complex cases and demonstrated how these cases had tremendous impact on their care for patients.

[Please reserve the date for the 101ST Annual Meeting on October 24–26, 2019!](#)



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B



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D



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F



G



H



I



J



K



L



M



N



O



P



Q

A: Discussion during Faculty Development seminar **B:** Matthew J. Hepinstall, MD, Thomas P. Sculco, MD **C:** Attendees during a Friday morning session **D:** Seth Sherman, MD, and Mark Sherman, MD **E:** Alison F. Kitay, MD, and Samir K. Trehan, MD **F:** Luke Menken, Kapil Mehrotra, MD, Allyson Turner, MD, Jose A. Rodriguez, MD **G:** John T. Braun, MD, Woojin Cho, MD, PhD **H:** Pediatric Surgical Games with residents **I:** Jose Rodriguez, MD **J:** David B. Levine, MD, Chitrnanjan S. Ranawat, MD, and Thomas P. Sculco, MD, at the portrait dedication ceremony **K:** Michael M. Alexiades, MD **L:** Thomas P. Sculco, MD, Edward C. Jones, MD, MA, Jon B. Wang, MD **M:** Mary (Peggy) K. Crow, MD and Physician-in-Chief Pro-Tempore Carla R. Scanzello, MD, PhD **N:** Frank A. Cordasco, MD, MS, Thomas P. Sculco, MD, David M. Dines, MD, Todd J. Albert, MD, Bryan T. Kelly, MD **O:** Scott A. Rodeo, MD, Brian C. Halpern, MD, Stephen J. O'Brien, MD, MBA **P:** Harry "Tate" Greditzer IV, MD, Peter D. Fabricant, MD, MPH, Alexander B. Christ, MD **Q:** Peter Rizzo, MD, Thomas Nordstrom, MD

2018 Alumni Association 100TH Annual Meeting



A



B



C



D



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F



G

A: Adam Kantor, Scott Kantor, MD **B:** Daniel A. Osei, MD, MSc, Christopher K. Kepler, MD, Andrew S. Nevaizer, MD **C:** Sabrina M. Strickland, MD, Andreas H. Gomoll, MD, Stephen F. Brockmeier, MD **D:** Samuel A. Taylor, MD, Sariah Khormae, MD **E:** Distinguished Alumnus Oheneba Boachie-Adjei, MD **F:** Donald S. Bae, MD, Anil S. Ranawat, MD, Duretti Fufa, MD **G:** Pediatric Surgical Games session with David M. Scher, MD, and residents Jensen Henry, MD, Karim Shafi, MD, Claire Eliasberg, MD **H:** Thomas H. McCoy, MD, Frank A. Cordasco, MD, MPH **I:** Jon B. Wang, MD and Patrick F. O'Leary, MD **J:** Thomas H. McCoy, MD, Robert F. Closkey, MD **K:** Michael Fu, MD, Francis Lovecchio, MD, Yannick Goeb, MD **L:** Lionel B. Ivashkiv, MD and Chief Scientist Pro-Tempore Andrew Carr, ChM, DSc, FRCS, FMedSci **M:** Daryl C. Osbahr, MD, Denis Nam, MD, MSc, Venu Nemani, MD, Samuel A. Taylor, MD **N:** Participants at Hand Session on Friday afternoon **O:** John Healey, MD, Douglas N. Mintz, MD, Sunita Dhawlikar, MD **P:** Todd J. Albert, MD, Surgeon-in-Chief Pro-Tempore James R. Andrews, MD, Bryan T. Kelly, MD **Q:** Oheneba Boachie-Adjei, MD, Jo A. Hannafin, MD, PhD **R:** Answorth A. Allen, MD, Chitranjan S. Ranawat, MD

2018 Alumni Association 100TH Annual Meeting



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Alumni Outreach

Rewards of Volunteering



For orthopaedic surgeons, volunteer work can take many forms. Since 2008 Robert P. Dunbar Jr., MD (Resident 1998), has volunteered with the International Committee of the American Academy of Orthopaedic Surgeons (AAOS) to teach courses. From 2015 to 2017 he chaired its subcommittee for international educational programs. “It’s one of my favorite things I’ve been able to do with the Academy,” he says.

The International Committee includes surgeons from all around the world. For his volunteer work Dr. Dunbar, who served in the Peace Corps in Burkina Faso before he went to medical school, wanted to focus on programs in the developing world.

He returned to Africa with AAOS for a course with Oheneba Boachie-Adjei, MD, former Chief of the HSS Scoliosis Service, in Accra, Ghana. Since then Dr. Dunbar has made three trips to India and one to Indonesia.

His first experience teaching in India was “a whirlwind,” he says. “In 9 or 10 days we taught four 12-hour long courses, in four different cities. We typically presented cases to 550 or 600 people in an enormous ballroom. And it wasn’t just us, Indian orthopaedic surgeons presented too.”

“It’s interesting meeting folks and seeing how they deal with problems in situations with more limited resources.”

But Dr. Dunbar had to turn down the chance to teach a course in China this year because it conflicted with another volunteer commitment. He is assistant coach for a high-ranking, high school lacrosse team, and state semi-finals and finals will be held the same week as the China course. Dr. Dunbar’s son is a midfielder on the team, which competes with teams from eight different states and Canadian provinces. “My daughter was a goalie, like me,” he adds. “She plays for the University of Oregon now.”

“Working with the kids, seeing the lights come on in terms of their understanding, seeing them coming together as a team—I’ve gotten as much satisfaction for myself out of coaching as anything I’ve given,” says Dr. Dunbar. “I would say the same thing about the overseas trips. They’ve been more beneficial to me than anything I would have to give up to do them.”

Above photo: Robert Dunbar, MD (left) and Mark Hammerberg, MD, teaching Indonesian residents.

THE MUSCULOSKELETAL JOURNAL OF HOSPITAL FOR SPECIAL SURGERY

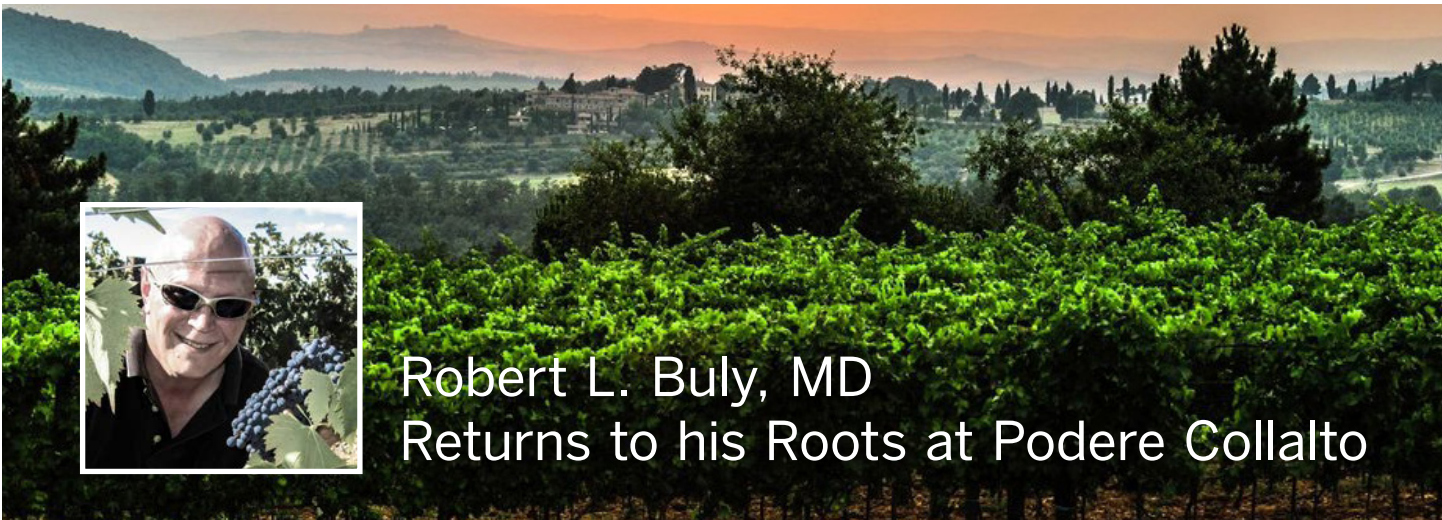
HSS Journal®

Call for Manuscripts

Additional information about the journal is available on the HSS Journal page at springer.com/hss.

Now accepting submissions for a special issue of the HSS Journal®:
The Evolution of Spinal Fusion
A Special Issue of HSS Journal®
Guest editor: Sheeraz Qureshi, MD, MBA

Submissions due April 15, 2019



Robert L. Buly, MD Returns to his Roots at Podere Collalto

“It’s hard not to fall in love with Tuscany,” says Robert L. Buly, MD (Resident 1990) “The light, the smells, the food—everything is so different.” Thanks to his parents, whose marriage was a different sort of Tuscan love story, Dr. Buly had the chance to experience that region of Italy as a child. Dr. Buly’s father, who served in the U.S. Army during World War II, spent more than two years in Italy. He learned the language—and he met and married the young Tuscan woman who would become Dr. Buly’s mother.



After the war, Dr. Buly’s parents settled in western Pennsylvania. But Dr. Buly and his four brothers grew up speaking Italian at home, eating Italian food, and immersed in Italian culture. They traveled to Tuscany to visit his mother’s large family around Siena, and Dr. Buly spent several summers there. “It made such an impression on me,” he says. “I always had it in my mind that someday, if I had the opportunity, I would have a place in Italy that could produce olive oil and wine.”

Dr. Buly’s education and career took him to other parts of the world first. After earning his MD at Weill Cornell Medical College, he came to HSS for a residency in orthopaedic surgery (class of 1990). He then learned hip-preserving techniques during a fellowship at the

Insel and Lindenhof Hospitals, in Bern, Switzerland, and completed a second fellowship at Case Western Reserve University School of Medicine, in Cleveland, OH. He returned to HSS in 1994. Today Dr. Buly is Chief of the HSS Hip Preservation Service.

The chance to realize his dream of a Tuscan winery came in 2006. After several years of searching, Dr. Buly and his wife purchased property that included a large 17th century house, uncultivated land, and 330 olive trees. The villa was known locally as Podere Collalto, which translates to farm on a high hill. Conditions looked perfect for producing wine—breezy, sunny late summers with cool nights, and not-too-fertile soil. What’s more, it was located at the center of some of Italy’s best-known wine-making.

It also was an opportunity for Dr. Buly to “come full circle,” he says. Not only was he returning to a place filled with childhood memories, but he could make use of an old academic interest—before medical school, Dr. Buly earned an undergraduate degree in plant science.

In 2008 Dr. Buly planted a little over an acre of vines. Today, and with help that includes an enologist, he cultivates about 16 acres with several varieties of grapes, and he expects to produce 12,000 to 14,000 bottles of wine from the most recent harvest.

Dr. Buly has been similarly ambitious with his olive grove. In the 2017 New York International Olive Oil competition, Dr. Buly’s olive oil placed in the top 30 of 900 entries, earning it a gold medal.

Beyond the work of making wine and olive oil, Dr. Buly’s Podere Collalto is a place to gather friends and family. He carries on the Tuscan tradition of slaughtering a pig in the winter and preserving parts of it as prosciutto, pancetta, and guanciale—and inviting 60 or more friends, family and neighbors to a dinner to feast on the rest.

At least one of those guests—Dr. Buly’s long-time friend and colleague Mark K. Bowen, MD (Resident 1990)—fell in love with Tuscany too. A few years ago, Dr. Buly helped him find a hilltop podere similar to his own. “Now he’s doing the same thing,” says Dr. Buly. “He’s planted vineyards, he has olives. It’s fun!”



Class Notes

Paul E. Kovatis, MD (Fellow 1996) was honored as a Top Doc and Top Surgeon from various NJ magazines and the NJ/ NY Top Doc Magazine and Registry. Dr. Kovatis is currently expanding his practice and accepts patients from the Poconos to Atlantic City, NJ.

Ashish Diwan, MD (Fellow 2000) was elected Chairperson of AUSNZ AO-SPINE council for a three-year term, and was also appointed as a Visiting Professor, Department of Engineering and Information Technology, University of Technology Sydney. Dr. Diwan organized the first Sydney Spinal Symposium, which was a rip-roaring success.

Swetha Pakala, MD (Fellow 2012)
Mark Brouillette, MD (Fellow 2018)
The HSS Department of Anesthesiology, Critical Care and Pain Management's Global Health Initiative recently collaborated with the Komfo Anokye Teaching Hospital in Kumasi, Ghana to design, implement and measure the impact of a regional anesthesia training program tailored to limited-resource settings. This novel educational platform is known as the Global Regional Anesthesia Curricular Engagement (GRACE). The purpose of GRACE is to increase patient safety in the operating room and improve postoperative analgesia after musculoskeletal surgery. HSS anesthesiologists Swetha Pakala, MD, and Mark Brouillette, MD, now travel to Ghana twice yearly, along with each academic year's Global Health Fellows. Dr. Patrick Laughlin was the second 2017-2018 Global Health Fellow (along with Dr. Brouillette) and Dr. Benjamin Johnson and Dr. Joseph Keaveney are the 2018-2019 Global Health Fellows. They teach ultrasound-guided nerve blocks to physicians via didactic lectures, simulation modules and hands-on instruction during patient care. Since its inception, GRACE has shown sustainable results: The number of blocks performed at Komfo Anokye have more than doubled, post-curriculum scores on knowledge and clinical exams



Ellen M. Soffin, MD, PhD at the 2018 Fellows Graduation Party on July 19, 2018. Left to right: Brent Gerlach, MD, Michael Singleton, MD, Patrick Laughlin, MD, Ellen Soffin, MD, Patricia Pang, MD, Bradley Lee, MD, Stephanie Huang, MD, David Shapiro, Ansara Vaz, MD, and Mark Brouillette, MD.

have markedly improved and trainee satisfaction with GRACE has been high. The ultimate goal of this work is to adequately prepare anesthesiologists to practice regional anesthesia techniques independently and to transfer these skillsets to the next generation of doctors. Looking forward, the Global Health Initiative hopes to further strengthen educational efforts in Ghana and expand the GRACE model to other limited-resource settings.

For more information, visit the Global Health Initiative's website (hss.edu/anesthesiology-pro-global-health-initiative-fellow.asp) or follow Dr. Brouillette's conversation on Twitter (@markbrouillette).

Guilherme Holck, MD (Fellow 2013) has been nominated to the Brazilian Society of Anesthesiology's Committee for Loco-Regional Anesthesia.

Kathleen L. Davenport, MD (Fellow 2013) has been elected to the Board of Directors for the International Association for Dance Medicine and Science (IADMS), and is co-chairing the 2020 Annual Meeting for the Performing Arts Medicine Association (PAMA). Dr. Davenport continues to serve on the Executive Committee of the Dance/ USA Task Force for Dancer Health and as Company Physician for Miami City Ballet. For outreach activities, she organized and ran our second annual health fair, screening, and lecture day for South Florida Professional Dancers.



Crispiana Cozowicz, MD

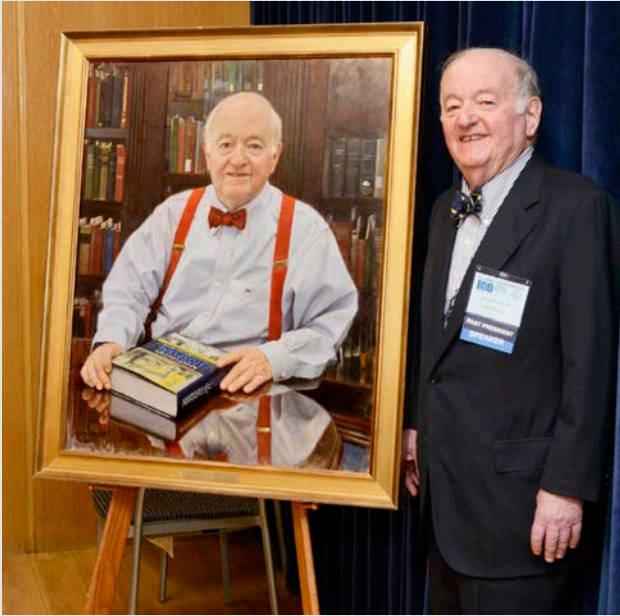


Janis Bekeris, MD

Crispiana Cozowicz, MD (2015-2018 HSS Perioperative Research Fellow) and **Janis Bekeris, MD (2018-2019 HSS Perioperative Research Fellow)** were both presenting faculty in December at the International Consensus Conference on Anesthesia Related Outcomes after Surgery (ICAROS), which was held at HSS. A number of HSS current Fellows, as well as HSS Fellow Alumni also participated.

Ellen Soffin, MD (Fellow 2015), and now HSS Attending, was selected as "Teacher of the Year" by the 2017-2028 Graduating HSS Fellows. Dr. Soffin was also selected as "Teacher of the Year" by the 2018 Graduating Anesthesiology Residents at Weill Cornell Medical College.

Awards & Accolades



David B. Levine, MD



Todd J. Albert, MD, and Oheneba Boachie-Adjei, MD

Residents

David B. Levine, MD (1964) was honored for his profound knowledge and contributions to HSS and the Alumni Association, at the 100th Annual Meeting with a portrait dedication ceremony in the Richard L. Menschel Education Center.

Russell F. Warren, MD (1973) was honored with the Philip D. Wilson Jr., MD, Teaching Award which is given to the attending physician who has demonstrated an outstanding commitment to resident education as deemed by the graduating chief residents.

Mathias P.G. Bostrom, MD (1995) was recognized with the Nancy Bischoff Mentor Award which is presented to an attending physician who has consistently demonstrated concern for the interest and welfare of the residents and who acts as a trusted guide and mentor.

Peter K. Sculco, MD (2014) was honored with the Richard S. Laskin, MD, Young Attending Award which is presented to an attending physician who demonstrates exemplary teaching skills and qualities for being an outstanding academic physician.

Fellows

Mary K. Crow, MD (1983) was recently recognized for her outstanding career achievements in rheumatology. On October 20, she received the 2018 Presidential Gold Medal presented by the American College of Rheumatology (ACR) during their Annual Meeting in Chicago. This is the highest honor that ACR presents to one individual each year.

MaCalus V. Hogan, MD, MBA, (2013) was named by Modern Healthcare's 2018 Up & Comers in healthcare for emerging leaders under age 40.

Medical Staff

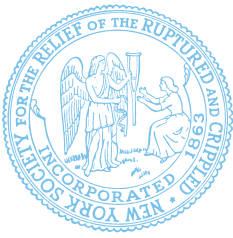
Jordan D. Metzl, MD, was awarded the 4th Annual AKTIV Against Cancer Award at a ceremony held at the New York Athletic Club. Dr. Metzl was honored along with 5-time Olympian, gold medalist in cross country skiing and breast cancer fighter Kikkan Randall. Dr. Metzl was also honored for his work in establishing the first physician-led fitness community to promote health through activity.

Sheeraz Qureshi, MD, MBA, was invested as the Patty and Jay Baker Chair in Minimally Invasive Spine Surgery.

John P. DiFiori, MD, FACSM, became the new Chief of Primary Care Sports Medicine Service and Kathryn D. McElheny, MD, joined the service as a new Assistant Attending.

Former Attendings

Oheneba Boachie-Adjei, MD, received the Lifetime Achievement Award from HSS in recognition of his selfless service to humanity, professionalism and commitment to medical practice in Africa as well as the Distinguished Service Medal by the Civil Society Groups for Good Governance. Dr. Boachie was also the recipient of the Distinguished Alumnus Award at HSS 100th Annual Meeting. In his spare time, he enjoys spending time with his two new granddaughters.



HSS Alumni Active at National Meetings

Sports Medicine

The 8th Annual "W" Society Meeting took place in San Diego during the AOSSM Conference on July 8, 2018. Program content included lectures on knee, shoulder and hip by various alumni. **Jackie Much Brown, MD**, presented on *Complex Patellofemoral Instability*, **Ed Cadet, MD**, discussed *Shoulder Technique*, and **Benjamin Domb, MD**, lectured on *Ligamentum Teres Reconstruction in the Hip*. Following the scientific program, an intimate reception allowed alumni to socialize and catch up with peers and their families. The 9th "W" Society Meeting will take place in July 2019 in Boston. More details to come.



Dr. Crow receiving the presidential gold medal, with David Daikh, ACR president, on the left and Paula Marchetta, ACR president elect, on the right.

Department of Medicine

Alumni congregated in Chicago at ACR/ARHP Meeting at the annual reception this past October. Earlier during the scientific meeting, **Mary K. Crow, MD**, was presented the Presidential Gold Medal which is the highest honor the organization awards.

Anesthesiology

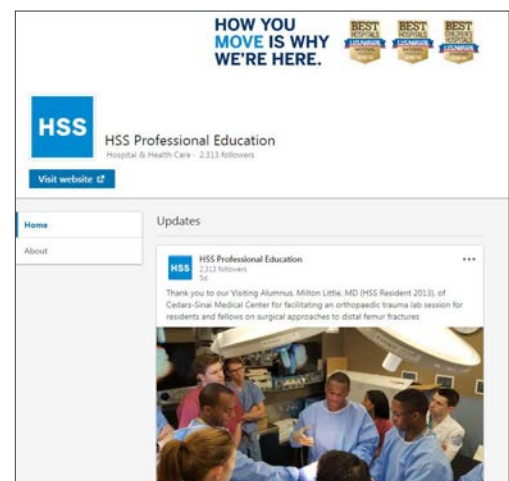
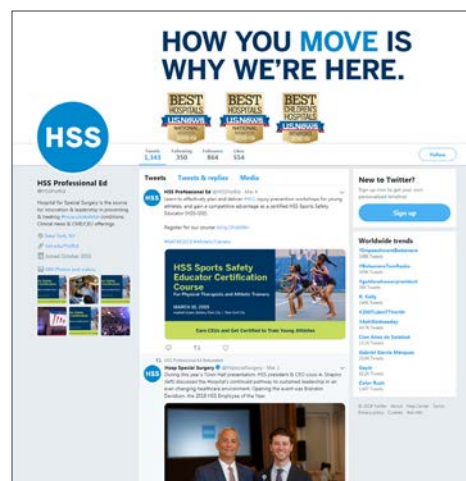
A reception and dinner for HSS staff and alumni was held in San Francisco on October 14, 2018, during the Annual American Society of Anesthesiologists' Meeting, at McCormick & Kuleto's in Ghiardelli Square. Several fellow alumni as well as the 2018-2019 fellows were in attendance.



pictured (left to right): Lawrence Lipana, MD, Mary Hargett, Deirdre Kelleher, MD, Damien Archbold, MD, and Marko Mamic, MD. Drs. Lipana, Kelleher, Archbold, and Mamic are all 2018–2019 HSS Regional Anesthesiology and Acute Pain Medicine Fellows.



Join our professional community now at @HSSProfEd and HSS Professional Education.





visiting professor

LECTURE SERIES 2018|2019

SELECT FRIDAYS, 7–8 am
Richard L. Menschel Education Center
HSS Alumni are invited to attend.
No registration necessary.
Updates will be posted on hss.edu/vpls.

April 5, 2019

Distinguished Research Lecture

Osteocytes: A Common Mechanism in Bone Fragility and Joint Disease

Tamara N. Alliston, PhD

Professor, University of California
San Francisco
Department of Orthopaedic Surgery
San Francisco, CA

April 12, 2019

Philip D. Wilson Jr., MD, Honorary
Lecture in Arthroplasty

Periprosthetic Infection of the Hip and Knee: A Work in Progress

Professor Fares S. Haddad, BSc (Hons), MBBS (Res), MCh (Orth), FRCS (Orth), FFSEM

Professor of Orthopaedic and Sports
Surgery
Divisional Director of Surgery
Director of the Institute of Sport,
Exercise & Health
University College London Hospitals
London, UK

April 26, 2019

John L. Marshall, MD, Honorary Lecture
in Sports Medicine

Current Concepts in Management of Traumatic Anterior Shoulder Instability

Robert A. Arciero, MD

Professor, Department of
Orthopaedic Surgery
Chief, Sports Medicine Division,
Department of Orthopaedic Surgery
Director, Orthopaedic Sports
Medicine Fellowship Program
Team Physician, University of
Connecticut Huskies
UConn Health
Farmington, CT

May 3, 2019

Lee Ramsay Straub, MD, Honorary
Lecture in Hand Surgery

Dupuytren's Contracture: Current Treatment Considerations for Hand Surgeons

Edward Akelman, MD

Vincent Zecchino Professor and
Chairman
Department of Orthopaedics
The Warren Alpert Medical School of
Brown University
Surgeon-in-Charge, Department of
Orthopaedics
Rhode Island Hospital & Miriam
Hospital
Providence, RI

May 31, 2019

Robert H. Freiburger, MD, Memorial
Lecture in Musculoskeletal Radiology

Fracture Risk Throughout the Weight Spectrum: from Anorexia Nervosa to Morbid Obesity

Miriam Bredella, MD

Vice Chair for Faculty Affairs,
Department of Radiology
Massachusetts General Hospital
Professor of Radiology
Harvard Medical School
Boston, MA

June 7, 2019

David B. Levine, MD, Honorary Lecture
in Spinal Deformity

Predictive Analytics and Precision Medicine: The Future of Adult Deformity Surgery in the Age of Cost Containment

Christopher P. Ames, MD

Professor of Clinical Neurological
Surgery and Orthopaedic Surgery
Director of Spinal Deformity & Spine
Tumor Surgery
Co-director, Spinal Surgery and UCSF
Spine Center
Director, California Deformity
Institute
Director, Spinal Biomechanics
Laboratory
University of California, San Francisco
San Francisco, CA

June 14, 2019

Patricia Mosbacher Honorary Lecture in
Orthopaedic Trauma

How the NHS Delivers Trauma Care

Peter Bates, MD

Consultant Orthopaedic Trauma
Surgeon
Bart's Health NHS Trust
London, UK

Continuing a Commitment to Educational Excellence

Stephanie Guzowski

The generous contributions of our alumni create opportunities for the Association to share knowledge and advance education for current and future alumni.

Your Funds in Action Bioskills Education Laboratory (BSEL) Visiting Alumni Program

This program provides an opportunity for current and former trainees to sustain an educational partnership. External alumni are invited to return to HSS to facilitate service-specific instructional sessions, which are held throughout the year. These sessions serve as a venue for external alumni, HSS medical staff and trainees to network, and to offer residents and fellows exposure to different practices and procedures.

"It was great coming back to HSS," said Neal Chen, MD, HSS fellow 2014 and Interim Chief of the Hand and Arm Center at Massachusetts General Hospital, Boston, MA. "The BSEL Visiting Alumni Program provided a tremendous opportunity to teach the current residents and fellows. Our laboratory session, which was centered on elbow arthroscopy, brought back many memories of learning elbow arthroscopy at HSS as a fellow and the passing of knowledge from one generation of surgeons to the next."

BSEL 2018 Alumni Visitors

Neal Chen, MD (Fellow 2014)
Interim Chief, Hand and Arm Center
Department of Orthopaedic Surgery
Massachusetts General Hospital,
Boston, MA
Lab Session: Elbow Arthroscopy

Wakenda K. Tyler, MD, MPH
(Resident 2007)
Associate Professor of Orthopaedic
Surgery Chief, Orthopaedic Oncology
Service Columbia Orthopaedics,
New York, NY
Lab Session: Distal Femoral
Replacement

Michael Khair, MD (Resident 2014)
Sports Medicine Orthopaedic Surgeon
The Carrell Clinic, Dallas, TX
Lab Session: PLC Reconstruction and
Lateral Sided Knee Injuries

Tony S. Wanich, MD (Resident 2008)
Sports Medicine Orthopaedic Surgeon
High Mountain Orthopaedics, Wayne, NJ
Lab Session: Knee-Diagnostic Scope,
Portal Placement, Accessory Portals

Professional Leadership Education Scholarship

Launched in 2015, this annual scholarship is designed to support an HSS resident's attendance at a professional course in leadership development. The Alumni Affairs Committee identified three programs residents can apply to attend to enhance self-awareness and master leadership strategies. The selections include the ACGME Leadership Skills Training Program for Chief Residents, the ACS Residents as Teachers and Leaders Course, and the AOA Resident Leadership Forum. These courses ensure our rising mid- to senior-level residents develop essential non-clinical skills that will be critical to their success as leaders and practicing clinicians. Residents are responsible for sharing knowledge with peers upon completion of the course.

Joseph Ruzbarsky, MD, 2018 recipient of the annual scholarship, attended the ACGME Chief Resident Leadership Conference held in La Jolla, CA. There he learned about various tools and skills to enhance understanding of interpersonal communication and group dynamics, which included lessons on self-awareness as a foundation for understanding others, group awareness, and strategies for avoiding burnout during residency. "Speaking and brainstorming with the other residents reemphasized to me not only how

fortunate we are at HSS, but also how far ahead we are in support, funding, amenities, and social opportunities as compared to nearly every other residency program," said Dr. Ruzbarsky. "I am extremely grateful to have had the opportunity to attend this course."

Recipients

2018 Joseph Ruzbarsky, MD
2017 Elizabeth Gausden, MD
2016 Peter Derman, MD, MBA
2015 Samir K. Trehan, MD

HSS eAcademy®

Earn CME credit and access didactic lectures, surgical videos, and conversations with experts. Newly launched is the Orthopaedic Surgical Video Library, which offers surgical videos in arthroplasty, spine, sports and shoulder, trauma, pediatrics, limb lengthening, foot and ankle, and hand and upper extremity. Also available on HSS eAcademy is alumni-exclusive content and numerous presentations curated from previous Annual Alumni Association meetings. Watch if you were not able to attend in person!

Interested in making a donation to the Alumni Association Fund?

Please contact **Colleen O'Shea, MPA, Manager of Alumni Affairs at 212.606.1823 or osheac@hss.edu**

Sincere Appreciation

Gary M. Gartsman, MD

The Association would like to acknowledge and thank Gary M. Gartsman, MD, (Resident 1980, Fellow 1981), for his commitment to his fellow alumni. Because of his generous contribution, the Alumni President Fund was established to support those elected to the president position. Dr. Gartsman served as the 2006 Alumni President and throughout his professional career, has remained dedicated to the future of the association. We appreciate and are very grateful for his gift.



HSS Alumni App!

The Alumni Association's app has new, additional features.

Now you can:

- Connect with the alumni community through a private network
- Locate alumni using a privately hosted directory
- Receive timely event notifications, including updates about the Annual Alumni Meeting and AAOS 2019
- Access HSS eAcademy® content
- Search the career network message board
- Contribute to the Association

Check out the latest updates today!

The Alumni App is free, and available to download for iOS and Android. Search “**HSS Alumni**” in the App Store or Google Play. **Make sure the app notifications are “on,” so you don’t miss any meeting announcements.**

SAVE THE DATE

101ST Annual Alumni Meeting



October 24–26, 2019

SURGEON-IN-CHIEF PRO-TEMPORE

John M. Flynn, MD

Chief of the Division of Orthopaedics
Richard M. Armstrong Jr. Endowed Chair
in Pediatric Orthopaedic Surgery
Children’s Hospital of Philadelphia
Philadelphia, PA

DISTINGUISHED ALUMNUS

Gary M. Gartsman, MD

Orthopaedic Surgeon Emeritus
Fondren Orthopaedic Group
Houston, Texas

ALUMNI ASSOCIATION PRESIDENT

Bernard R. Bach Jr., MD

The Claude N. Lambert, MD/
Helen S. Thomson Professor
Director Emeritus, Division of Sports
Medicine
Director Emeritus, Sports Medicine
Fellowship
Department of Orthopaedic Surgery
Rush University Medical Center
Chicago, IL

ALUMNI RECEPTION

October 24, 2019

Rockefeller University
from 6–8 pm

NOW AVAILABLE

100TH Annual Alumni Meeting
content on HSS eAcademy

EARN CME/CEU CREDIT ONLINE!

Over 30 Annual Alumni Meeting Modules Now Available!

Modules from the **100TH Annual Alumni Meeting** have just been released. Log on to hss.edu/eAcademy and enter the keyword "Alumni Meeting" in the Search Courses box. The most recent activities should appear near the top, and if not, simply sort by release date to show these activities. If you need assistance contact Colleen O'Shea, MPA, at osheac@hss.edu.

TOPICS RECENTLY LAUNCHED INCLUDE

- Cases that Changed How I Practice
- Clinical Applications for Infected Total Joint Arthroplasty
- Preservation of Motion and Function in Spinal Deformity Surgery
- Cartilage Repair in the High Demand Athlete: What Is the Data?
- Surgical Simulation and Arthroscopy Simulation at HSS
- New Approaches to Targeting Pain in Osteoarthritis

- Geriatric Acetabular Fracture: Non op vs. ORIF vs. Acute THA vs. Delayed THA (from 'Periarticular Fractures: ORIF vs. Arthroplasty—Case Based Teaching')
- From Michelangelo to ESPN: Klappertron to Klappervision: My Artistic Journey in Orthopaedic Surgery
- Improving Evidence for Orthopaedics
- Sport Medicine and Arthroscopy Simulation at HSS (from 'Simulation and Evaluation in Surgical Training')
- Introducing New Technology Safely and Ethically in Spine Surgery (from 'Spine and Sports')

NEW SURGICAL VIDEOS

- Flexor Tendon Repair
- Patella Instability Treatment with Quad Lengthening
- Lateral Lumbar Interbody Fusion (LLIF)
- Flexor Tendon Repair
- Comprehensive Neurologic Exam of the Upper Extremity
- Physical Examination of the Elbow

MEDICAL STAFF CONFERENCE

Guest Speaker Sessions

Lectures are now available for exclusive alumni viewing by logging into HSS eAcademy® and searching keyword "MedStaff."

CURRENT OFFERINGS INCLUDE:

- **James Kerr:**
Leadership and the Creation of Winning Teams
- **Javad Parvizi, MD, FRCS:**
Orthopaedic Infections: What Lies on the Horizon?
- **General Stanley McChrystal:**
Organizational Leadership Applications
- **Steven Udvarhelyi, MD:**
Value in a Rapidly Changing Healthcare Environment
- **Michael E. Cherner, PhD:**
Who Will Control Medicine?
- **Gerald Hickson, MD:**
Addressing Behaviors that Undermine a Culture of Safety, Reliability, and Accountability

Education Program Calendar

Upcoming Professional Education Programs

HSS offers CME programs throughout the year. All onsite courses below will be held at HSS in New York City unless otherwise noted. Register online at hss.edu/cme.

Questions? Email professionaleducation@hss.edu or call **212.606.1057**.

UPCOMING CME/CEU WEBINARS

Updates will be posted on hss.edu/cme.

Don't forget about this benefit for dues-paying alumni!

TAKE 50% OFF the registration fee for upcoming Professional Education Programs.

ONSITE & LIVE STREAMING COURSES

APRIL 26–27, 2019 2019 HSS Sports Medicine Symposium

Now in its 13th year, this symposium will guide clinicians on how to care for surgical and nonsurgical patients in sports medicine. Topics to be discussed include the ACL, rotator cuff, adolescent and female athletes, and much more. Rehabilitation staff, surgeons, and physicians at HSS, along with guest lecturers, will provide participants with clinically relevant information through panel discussions, workshops, demonstrations, case presentations, and didactic lectures.



OCTOBER 24–26, 2019 101ST Annual Alumni Association Meeting

Musculoskeletal medicine is constantly evolving. New treatments and techniques are in development as the effectiveness of current methods are evaluated. Clinicians must remain up-to-date regarding emerging therapies and existing treatments to improve their practice. To assist its alumni in this endeavor, HSS hosts the Alumni

Association Meeting each year, which allows the hospital's alumni to share best practices in musculoskeletal medicine through case presentations, interactive specialty breakout sessions, and collectively comparing emerging treatment options.

DECEMBER 5–7, 2019 2019 Annual Holiday Knee & Hip Course

This annual symposium offers a comprehensive overview of adult joint reconstruction today. There will also be multiple consensus building sessions with audience participation, lively debates on today's hot topics, and small group discussions for orthopaedic surgeons, physical therapists, physician assistants, and other members of the allied health professions, addressing surgery and rehabilitation. Location: The Grand Hyatt Hotel, New York City



Hospital for Special Surgery holds Accreditation with Commendation, the highest level of recognition offered by the Accreditation Council for Continuing Medical Education (ACCME).