Then & Now

The Changing Face of Orthopaedic Residency Curriculum
Contents

2 A Message from the Surgeon-in-Chief
3 From the Office of Alumni Affairs
4 Then & Now: The Changing Face of Orthopaedic Residency Curriculum
8 2017 Alumni President Russell E. Windsor, MD
9 HSS Alumni Association 98th Annual Meeting
14 Remembering Pier Giorgio Marchetti, MD
14 Wilson Society: Your Legacy
15 Class Notes
16 Alumni Active at National Meetings
16 Bioskills Education Laboratory Renovation
17 HSS Global Outreach: A Resident Travel Elective Takes Dr. Sravisht Iyer to Ghana
18 Awards & Accolades
19 Introducing Our New HSS Class Representatives
21 Continuing a Commitment to Educational Excellence

On the cover: Clockwise, from lower left: Mathias P. Bostrom, MD, Orthopaedic Residency Program Director and Vice Chairman of Education & Academic Affairs, with HSS Residents Peter Derman, MD, MBA, Joseph Ruzbarsky, MD, Grant Garcia, MD, and Elizabeth Gausden, MD, in the newly renovated Bioskills Education Laboratory.
It was wonderful to see more than 200 alumni return to HSS in November to participate in the Annual Alumni Meeting’s offerings during the three-day span.

AAOS ALUMNI ACTIVITIES
I’m pleased to invite you to our Alumni Hospitality Suite and Reception at this month’s AAOS Annual Meeting in San Diego. I look forward to attending the conference and the opportunity to see many of you there.

MANHATTAN AMBULATORY SURGERY CENTER
Scheduled to open in May 2017 on 65th Street is a state-of-the-art, single-specialty, orthopaedic Ambulatory Surgery Center (ASC), with four operating rooms, where it’s predicted that over 4,000 cases will be performed annually. The ASC is a joint venture with 20 of our sports, hand, and foot and ankle surgeons.

NEW ORS NOW OPEN
The 3-story expansion to the west wing of the hospital is completed, and its three new, additional operating rooms are officially in use. The construction also added exam rooms for pre-surgical screening and storage space. This extension, adjacent to the current fourth floor operating rooms, resulted in 25 operating rooms in that location.

NEW STAFF INTRODUCTIONS
I’m pleased to welcome our new HSS medical staff members, who will arrive in April and May from the following institutions:
- Thomas Bauer, MD, PhD
  Pathologist-in-Chief at Cleveland Clinic
- Sheeraz Qureshi, MD
  Associate Professor of Orthopaedics at Mount Sinai in NYC
- Jose A. Rodriguez, MD
  Chief of Reconstruction Arthroplasty at Lenox Hill Hospital in NYC (Alumnus, Resident Class of 1994)
- Daniel A. Osei, MD
  Assistant Professor of Orthopaedic Surgery at Washington University School of Medicine in St. Louis (Alumnus, Resident Class of 2011)

VISITING PROFESSOR LECTURE SERIES
HSS’s Visiting Professor Lecture Series presents both Distinguished Research Lectures and Honorary Service Lectures. CME credits can be earned for attendance. If you’re in the NYC area, please join us. View the schedule at www.hss.edu/vpls. Some lectures will also be available on HSS eAcademy.

ANNUAL ALUMNI MEETING FALL 2017
Mark your calendars for the 99th Annual Alumni Meeting, November 9–11. Pro Tempore speakers are confirmed: Surgeon-in-Chief Jean-Noël Argenson, MD, PhD; Professor and Chairman of Orthopaedic Surgery at Aix-Marseille University in Marseille, France; Physician-in-Chief Gary Gilkeson, MD, Professor of Microbiology and Immunology at Medical University of South Carolina; and Chief Scientist Jennifer H. Elisseff, PhD, Jules Stein Professor at Johns Hopkins Biomedical Engineering in Baltimore.

A MESSAGE FROM THE SURGEON-IN-CHIEF
Todd J. Albert, MD

HSS ALUMNI HOSPITALITY SUITE Thursday & Friday, March 16–17, 2017 12:00–2:00 pm Omni San Diego Hotel Level Four 675 L Street San Diego, California

THE ANNUAL HSS ALUMNI COCKTAIL RECEPTION Friday, March 17, 2017 6:00–8:00 pm University Club Atop Symphony Towers 750 B Street, 34th Floor San Diego, CA

RSVP for Alumni events to Colleen O’Shea, MPA at osheac@hss.edu.

www.hss.edu/alumni
Of the many tributes at the 98th Annual Alumni Meeting in November, two people, special to our Alumni Association, were presented certificates of honorary membership.

**Laura Robbins, DSW**
Laura joined the HSS family in 1989 as a staff member in Community Education, rose to Assistant Professor in Cornell Graduate Medical Sciences and currently is Senior Vice President of Global & Academic Affairs in HSS Education & Academic Affairs, in which she oversees and promotes the HSS Alumni Association. The Alumni Association staff, first led by Martha O’Brasky, Vice President of Education & Academic Affairs and now administered by Allison Goldberg, Assistant Vice President, Professional Education, with Colleen O’Shea, Manager of Alumni Affairs, have been incredibly supportive in the growth and expansion of our Alumni Association. Marcia Ennis, Senior Creative Director, Education Marketing & Digital Communications, produces the award-winning publication, Alumni News and Randy Hawke, Associate Director, Education Marketing & Digital Communications, recently redesigned the magazine.

**Dolores Mattia**
There was a time (1942–1966) before establishment of an alumni office, in which one person managed our Alumni Association, and organized orthopaedic resident applications and interviews. Dolores not only had these responsibilities but was secretary to Dr. Lee Ramsay Straub and executive assistant to previous Surgeons-in-Chief, Dr. Philip D. Wilson, Sr. (1886–1969) and Dr. T. Campbell Thompson (1902–1986). We were very fortunate to have Dolores, now in her early nineties, be present at our November meeting to receive this honor. Dr. Straub’s three sons and their families travelled afar to join the event.

Congratulations to both honorary members, with grateful thanks and appreciation for their hardworking efforts over the years.
Residents no longer live in the hospital that today is HSS, but 130 years later, residency remains a critical period of medical education. In recent years HSS has broadened the curriculum for orthopaedic residents, incorporated new opportunities for digital learning, and formalized traditional strengths of the program, such as mentoring.

At its core, a residency at HSS remains much the same. Residents still gain a well-rounded surgical education, with teaching and mentoring from leaders in the field. The program also has stayed small, accepting nine new residents each year. And while our program has a long reputation for quality, we are proud that this was recently recognized—HSS has been named Top Orthopaedic Surgery Residency Program in the U.S. by Doximity’s Residency Navigator for the third straight year. In Doximity’s national evaluation of medical and surgical residency programs across 20 medical specialties, HSS ranked first in both reputation and research output.

To maintain and accelerate our position in the field, we are continually evaluating and enhancing the orthopaedic residency curriculum. The Resident Leadership Group meets monthly to outline and implement improvements. Here are some recent innovations.

**BSEL Renovation & Surgical Simulation**

From their first weeks at the hospital, residents begin familiarizing themselves with orthopaedic surgical devices and specific surgical instrumentation in the Bioskills Education Laboratory (BSEL). Throughout their training, they use the facility to learn, practice, teach and research surgical techniques. Since opening in 2000, the BSEL’s role in resident education has steadily increased. A recent renovation added a larger footprint, new arthroscopy equipment, radiolucent operating room tables, and ceiling-mounted OR lights complete with video recording capabilities for a more realistic OR environment as residents perform procedures on cadaveric specimens and sawbones. The BSEL also purchased...
a new orthopaedic surgical simulator with knee, shoulder and hip arthroscopy modules. Expanded hours now make the laboratory even more accessible to residents for simulator use.

**Training Leaders**

Being a successful resident requires leadership skills, and we expect our graduates also to advance the field as they go into practice, teaching, and research. To teach leadership strategies, the Resident Leadership Group looked to the well-known Harvard Business Review model and adapted it to address medical practice management in an ever-changing and competitive healthcare environment. A July 2016 kick-off presentation introduced residents to hospital and physician billing, hospital employment models, and other aspects of medical economics. The series continued at the 2016 Annual Alumni Association meeting, where residents learned about managing a team effectively, differences between leadership and management, communication, and managing professional and personal time. “Our goal is not only to help doctors become skilled surgeons, but also cultivate leadership styles—whether in their practices, academics, public policy, or their communities,” says Karla Felix, PhD, director of GME Curriculum and Evaluation.

**Research**

Since 2008 all orthopaedic residents have been required to participate in basic or clinical research and present a final project before graduation. Grant writing is part of the curriculum, and a designated academic research coordinator provides administrative support. During their third year, residents work with a research mentor, meet with a statistician, and have their work vetted by a mock peer-review panel as they prepare to submit final grant proposals.

HSS attracts incredible people, who are motivated and talented and work really hard. Russell F. Warren, MD (Resident 1973), was chair when I graduated, and I respected him—he took great care of his patients, really advanced the field of sports medicine, and cared about research. What he said to my class at graduation was, ‘You’ve been given a lot at HSS, and you need to give back. You can’t just go out and practice.’ And HSS really does train people who can give back—whether through teaching, research or in other ways.

JOHN T. BRAUN, MD (Resident 1994)
Structured Mentorship
HSS has long been known for one-on-one learning opportunities and mentorship. Recognizing the importance of these interactions, the Resident Leadership Group designed a new structure to support mentoring. During their first three years, residents work with a peer mentor and a member of the Resident Leadership Group. In addition, a faculty member serves as mentor for each PGY1 and PGY2 class. Later in residency, research mentors help residents develop new research ideas and provide guidance on grant proposals, while career mentors support residents’ career choices and research interests.

Electives
Fourth- and fifth-year residents have the opportunity to take electives. For some, this might mean extra subspecialty rotations at HSS. All senior residents take a travel elective to learn about the practice of medicine and differences in pathologies seen around the world. Popular destinations have included Germany, Ghana, New Zealand, France, Italy, Spain, Korea, Switzerland, Australia, and South Africa.

Looking Ahead
How will orthopaedic residency be different in 10, 20, or 30 years? We continue our work to stay at the leading edge of best practices, and to attract outstanding residents to our program. One update on the horizon is that HSS may become the first orthopaedic residency program to require an objective measurement of surgical skills before graduation. Whatever changes the future brings, we stay true to our aim of educating leaders in orthopaedic surgery and research.

Orthopaedic Residency Year-by-Year

PGY 1
For all incoming residents, Surgical Skills Boot Camp kicks off a year of learning to care for orthopaedic surgery patients and hone basic surgery skills. Rotations include general surgery, trauma care, orthopaedics, and non-operative rotations.

PGY 2
Rotations outside of HSS for most of the year, at New York Hospital Queens and NewYork-Presbyterian Hospital, focus on pediatric and adult trauma patients. The year also includes spine and foot/ankle rotations at HSS. PGY2 residents lead interns on Saturday coverage.

PGY 3
Subspecialty rotations in pediatric orthopaedics, sports medicine, hand surgery, trauma care, limb lengthening, and musculoskeletal oncology help residents plan for fellowships later. PGY3 residents lead interns on Evening Call.

PGY 4 and 5
Combined rotations during these two years give residents flexibility. In addition to rotating through services as a chief, residents have protected blocks of time to pursue research and the opportunity to complete further specialty training through local and international electives.

Step-Out Year
All residents are required to conduct basic or clinical research. Many of them incorporate an additional full year of research into their training, lengthening the residency to 6 years. Some pursue a degree such as a Master of Public Health during this time.

HSS Class of 2021 Residents at Surgical Skills Boot Camp. (from left to right, front row): Ajay Premkumar, MD, MPH; Jensen Henry, MD; Matthew Conti, MD; Claire Eliasberg, MD; Andre Samuel, MD; (back row) Kenneth Lin, MD; Yannick Goeb, MD; Francis Lovecchio, MD; Evan James, MD

Every Tuesday and Thursday at 7 am you had to stand up and present cases that were scheduled for surgery—and you had to justify those cases in front of the big shots. You had to have a case. All through my career whenever making a decision about whether to do a surgery, I think: could I make it through the 7 o’clock conference?

HSS had incredible people. I remember making rounds with Philip D. Wilson, Jr., MD, and watching how he took care of patients individually. He did everything hands on. Also, Robert H. Freiburger, MD, the radiologist, changed the way I looked at an x-ray. He showed us how to see the underlying disease processes radiographically—that was stunning. It stayed with me.

MICHAEL J. ERRICO, MD (Resident 1972)
As residents we each had different mentors or favorite surgeons to work with but one thing we all enjoyed and remember fondly was our regularly scheduled class meetings with the late Dr. David Clayson at the University Club or Caspary. I do not believe that this type of experience is still available in the residency. These were opportunities to get together with our entire class (often not otherwise possible with variable call schedules and rotations) for bonding and talking about non-orthopaedic issues that were equally if not more important.

I had one mentor whose example applied beyond orthopaedics to medicine in general, and perhaps even more so to dealing with others who are in an otherwise vulnerable state. Dr. Leon Root had an incredible ability to put anxious children at ease via his compassion and confidence and perhaps equally important, his engaging smile which always seemed to calm young children. This is something I try to do regularly in my daily interaction with patients, particularly young children. In this era of cost containment, it’s something that is still free.

JOHN C. L’INSALATA, MD (Resident 1995)

The BSEL lab is a unique aspect of HSS residency. We are beyond lucky to have access for dissections and didactic sessions, and Jen and her staff make it so convenient for us to come in and practice. Now that the lab has been renovated, there are even more resources available to us—more stations for arthroscopy, and more space for storing specimens. The lab is just one part of HSS training that is unmatched anywhere else.

ELIZABETH GAUSDEN, MD, PGY5 (Class of 2018)

The leadership curriculum has been a great addition to the residency. It allows residents to learn the important aspects of clinical practice and leadership, particularly as they transition to becoming senior residents and ultimately attending surgeons.

ISHAAN SWARUP, MD, PGY4 (Class of 2018)

The breadth of cases and the overall operating experience is like nothing else in the country. With so many different orthopaedic surgeons and training backgrounds the teaching and mentoring is unparalleled. While HSS is nationally known for its clinical experience, it continues to have the utmost focus on the education of its residents.

GRANT H. GARCIA, MD, PGY5 (Class of 2017)

As a senior resident approaching the end of my training at HSS, I can really appreciate all of the amazing opportunities this program has to offer. We have a staff of world-renowned surgeons and researchers, a culture of excellence, seemingly endless resources, and a focus on education. One of my favorite educational resources is the bioskills lab, where we get to try new techniques and hone our skills on simulators and cadaveric specimens. This helps us build the basic technical skills needed for the operating room and provides opportunities for teaching between attendings and small groups of residents.

PETER DERMAN, MD, MBA, PGY5 (Class of 2017)
When Russell E. Windsor, MD, first arrived at the Hospital for Special Surgery in October 1977 for his sub-internship, he received an unexpected opportunity: attending the meeting of The Hip Society, which took place that year at HSS. “It was just the coolest thing I’d ever seen – all the world’s ‘Who’s Who’ in hip surgery were there,” recalls Dr. Windsor. “That memory always stayed with me.”

It was this training experience at HSS, in which he became interested in the mechanics of orthopaedics and was inspired by how passionate everyone was about the field.

Dr. Windsor, initially “hell-bent on pursuing a career in cardiac surgery,” returned to Georgetown University School of Medicine in Washington, DC, to change his specialty to orthopaedics. Soon after, he attended the University of Pennsylvania for his orthopaedic residency training. But during his residency he would, time and again, hear about HSS. “I always wanted to come back to HSS in some capacity,” says Dr. Windsor. “I figured if I was going to do a one-year fellowship, it had to be at HSS.” In 1983, Dr. Windsor returned to HSS to pursue a Fellowship in Knee Reconstrucive Surgery under the guidance of John N. Insall, MD, an original developer of total knee replacement surgery.

“My fellowship training took place in the early days, when total joint replacement was evolving quickly,” Dr. Windsor says. “Getting to know all the major developers in knee replacement surgery at the time was an experience second to none.”

Dr. Windsor had a full-time position waiting for him at Temple University after he completed his fellowship. “One day I walked into Dr. Insall’s office and told him about the job I had, but also said to keep me in mind if he knew of any other opportunities,” says Dr. Windsor. “Dr. Insall paused and said, ‘What about coming back here?’ I was overwhelmed by that thought, but then reality sank in that this was something I’d want to do.”

Dr. Windsor took the position at Temple. A year later, in 1985, he returned to HSS and has been practicing at HSS since.

SPECIALIZING IN KNEE SURGERY
Today, Dr. Windsor’s research concentrates on minimally invasive unicompartmental and total knee replacement, and he practices knee procedures, including ligament reconstruction and surgery for disorders of the patella, and arthroscopy. He has performed thousands of knee and hip replacements.

He’s been an active design consultant for various total knee replacement designs. In the early 2000s, as part of a team he designed the rotating hinge knee (RHK) and Zimmer’s unicompartmental knee (ZUK). “Both designs have had good results worldwide,” says Dr. Windsor. “It was very exciting to create something with a team of my peers.”

From 1990 until 2006, Dr. Windsor served as the Chief of the Knee Service at HSS and was President of the American Knee Society in 2005, a professional accomplishment he is most proud of in his career. Dr. Insall was a founding member of the Knee Society, which allowed Dr. Windsor to be closely aligned with the society from a young age.

Dr. Windsor has been involved with education training in China and Thailand, and for the past 20 years has taught the Salzburg Seminars at the American Austrian Foundation in Salzburg, Austria to Eastern European surgeons.

AN ENDURING SPIRIT
Over the last 32 years at HSS, Dr. Windsor says he’s seen a vast amount of innovation, evolution, and expansion. “When I came to HSS there were only six operating rooms.” Currently, there are 36 operating rooms. “Today there’s a lot of interest in robotic surgery and minimally invasive surgery, and there are changes in protocol,” says Dr. Windsor. “When I started practicing, knee replacement patients would stay at HSS for three weeks; now they’re here two to three days, and they begin physical therapy much sooner.”

But what hasn’t changed in decades? “The incredibly stimulating environment that’s unique to HSS,” says Dr. Windsor. “Everyone is in a forward-looking direction, and each year brings new experiences. From the HSS orthopaedic surgeons to national and international visiting surgeons, to the many residents and fellows over the years—there is a

(continued on page 20)
In traditional HSS spirit and vigor, the Alumni Association embarked on the 98th Annual Meeting with a robust scientific program and engaging social components.

An ideal introduction to the meeting was the 9th Annual Faculty Development Seminar, which offered a session tailored to enhance the mentee’s and mentor’s experience in promoting growth and continuing the transfer of knowledge.

Following the pre-conference educational program, participants made their way to the Roosevelt House, the former double townhouses of Franklin, Eleanor, and Sara Delano Roosevelt, which provided an exceptional setting for the annual reception. Over 40 people participated in the Spouse/Guest Program and had the honor of taking a private tour of the establishment. Guests were provided the unique opportunity to get an inside look at a historic family and to explore the private spaces where some of the most iconic public policies of the 20th century were shaped. Harold Holzer, Director of the Roosevelt House Public Policy Institute, spoke briefly about the special connection between the Roosevelts and HSS.

The meeting officially began early Friday with resident case presentations. Highlighted lectures by the Surgeon-in-Chief Pro-Tempore Gerald R. Williams, Jr., MD; Physician-in-Chief Pro-Tempore Michael E. Weinblatt, MD; and Chief Scientist Pro-Tempore Michael Longaker, MD, drew significant crowds.

The Presidential Address by Robert E. Atkinson, MD, and the Distinguished Alumnus Speech by Ernest U. Conrad, III, MD, were also very well received.

An emotional tribute to Philip D. Wilson, Jr., MD, was held during which peers shared heartfelt remarks about a man beloved by the Alumni community. Lee Ramsay Straub, MD, was also honored for his many contributions to HSS and the larger medical community. Laura Robbins, DSW, and Dolores Mattia were appointed honorary members of the Alumni Association.

On Friday evening, Alumni attended the Autumn Benefit which offered a chance to gather and reflect on treasured memories and provides significant funding for the HSS Journal® as well as other important medical education initiatives.

After Saturday afternoon breakout sessions, participants dispersed, with plans to return in one year’s time for the Alumni Association 99th Annual Meeting.
A: David B. Levine, MD, G. Dean MacEwen, MD, Thomas P. Sculco, MD; B: Barbara Albert and Todd J. Albert, MD; C: Robert Schneider, MD and Patrick V. MacMahon, MD; D: Khaled Saleh, MD; E: Alexander Christ, MD and Elizabeth Gausden, MD; F: Patrick C. Schottel, MD and Timothy Wright, PhD; G: Brian C. Werner, MD and Todd J. Albert, MD; H: Abraham Appleton, MD, Steven N. Brouman, MD, Chitrnanjan Ranawat, MD, G. Hadley Callaway, MD, Thomas H. McCoy, MD; I: Todd J. Albert, MD, Kyle C. Swanson, MD, Matthew E. Cunningham, MD, PhD; J: Lionel B. Ivashkiv, MD and Michael Longaker, MD; K: Jo A. Hannafin, MD, PhD and Patricia Amstutz; L: Randall Lewis, MD and Anne M. Kelly, MD; M: David M. Dines, MD and Frank A. Cordasco, MD, MS; N: Samir K. Trehan, MD and Todd J. Albert, MD; O: Emily R. Dodwell, MD, MPH, FRCSC, John S. Blanco, MD and Flo Edobor-Osula, MD, MPH
P: Todd J. Albert, MD, Frank A. Cordasco, MD, MS, Joseph Gentile, MD, Jon J.P. Warner, MD, Gregory S. DiFelice, MD, Thomas P. Sculco and Cynthia Sculco; Q: Todd J. Albert, MD and Bassam Masri, MD, FRCSI; R: Lionel B. Ivashkiv, MD, Melinda Longaker, MD, Linda A. Russell, MD, Michael Longaker, MD, Arielle Derman, Elena Christ, MD, Elizabeth Gausden, MD; U: Robert E. Atkinson, MD, Debby Atkinson, MD, Lionel Enrique Lazzaro, MD; V: Ivan De Martino, MD and Giorgio Perino, MD; W: Ernest U. Conrad, III, MD, Richard Delaney, MD, Robert E. Atkinson, MD; X: Mathias P. Bostrom, MD and David B. Levine, MD
A: Chitranjan S. Ranawat, MD, Harlan C. Amstutz, MD, Gerald R. Williams, Jr., MD;
B: Ernest U. Conrad, III, MD, received the 2016 Distinguished Alumnus Award from Robert E. Atkinson, MD;
C: A. Holly Johnson, MD and Anil S. Ranawat, MD;
D: Anne M. Kelly, MD, honored at the Annual Autumn Benefit for the Nancy Kane Bischoff Mentor Award;
E: Joseph M. Lane, MD, honored at the Annual Autumn Benefit for the Philip D. Wilson, Jr., MD, Teaching Award;
F: Peter J. Moley, MD, Todd J. Albert, MD and Surgeon-in-Chief Pro-Tempore Gerald R. Williams, Jr., MD;
H: Richard J. Herzog, MD, FACS and Han Jo Kim, MD;
I: Alexandra Cangero, PA-C and Humaira Ashraf, MD;
J: HSS Class Representatives participate in the Annual Luncheon;
K: Residents attend the 9th Annual HSS Faculty Development Seminar;
L: Todd J. Albert, MD, Charles L. Christian, MD, G. Dean MacEwen, MD, Harlan C. Amstutz, MD and Thomas P. Sculco, MD lead a memorial tribute to Dr. Philip D. Wilson, Jr.;
M: Curtis Henn, MD and G. Hadley Callaway, MD;
N: Mary (Peggy) K. Crow, MD and Michael E. Weinblatt, MD;
O: Maureen Bogle, Nancy Kane Bischoff, Shevaun M. Doyle, MD;
P: Dr. Elan Goldwyn honored at the Annual Autumn Benefit for the Richard S. Laskin, MD, Young Attending Award;
Q: Duretti Fufa, MD, R: Jon J.P. Warner, MD, Laurence Higgins, MD, David S. Dines, MD, Joshua A. Dines, MD;
S: Jane E. Salmon, MD, and Susan M. Goodman, MD;
T: Brian Eugene Ward, MD
In Memoriam

Pier Giorgio Marchetti, MD
(1931–2016)

Pier Giorgio Marchetti, MD, died October 15, 2016 at his home in Bologna, Italy, after a prolonged illness. He was 85 years old.

Professor Marchetti, a former Director at the historic Rizzoli Orthopaedic Institute and of the Orthopaedic Department of the University of Bologna, became a fellow of the Scoliosis Research Society in 1975. Widely known in Italy and Europe for his expertise in scoliosis and other spinal conditions, he had trained in his earlier years under the famous orthopaedist, Oscar Scaglietti (1906–1993) at the Orthopaedic Institute Toscana in Florence.

A native of Pisa, Prof. Marchetti was born in 1931 in Gaiole in Chianti in the Province of Siena, just 25 miles south of Florence. He studied at the prestigious Florentine School, The Oaks and went on to obtain his degree in medicine in 1956. In 1960, he was appointed to a one-year fellowship in scoliosis under Dr. John Cobb (1903–1967) and Dr. Philip D. Wilson, Jr. (1920–2016) at HSS. In 1968, he left Florence to become Director of Orthopaedics at Pisa where he stayed until 1982 when he was appointed Director of the Rizzoli Orthopaedic Institute. Just the year before, “Rizzoli” was named as a scientific research hospital by the Italian Health Ministry due to its high level of orthopaedics and traumatology. Opened in 1896, “Rizzoli” was originally founded at the end of the 19th century by the famous Bolognese surgeon Francesco Rizzoli who had bought a convent on the hill of San Michele in Bosco. Early directors of the Rizzoli Institute were Alessandro Codviglia (1861–1912), the “father of Italian orthopaedics” and Vittorio Putti (1880-1940), legendary orthopaedic surgeon who treated congenital dislocation of the hip, bone tumors, spine diseases and trauma in the early 20th century. Professor Putti’s personal library and office in the Institute’s Umberto Library is archived exactly as he left it when he died in 1940, after serving as the Rizzoli Director for 28 years.

During Professor Marchetti’s years as leader of the “Rizzoli,” he founded the Biomechanics Laboratory, directed orthopaedic research studies, revolutionized orthopaedic surgical procedures and served as a mentor to many young surgeons in training. He retired from academic orthopaedics in 2006.

Pier Giorgio Marchetti, MD, Award
In 2010, the Pier Giorgio Marchetti, MD, Award for International Achievement was established to recognize an outstanding lifetime achievement in orthopaedic surgery by an international fellow who trained at HSS. The first award was presented that year by Dr. Thomas P. Sculco, HSS Surgeon-in-Chief (2003–2013) to Professor Marchetti on his 50th anniversary as a fellow at HSS.

Professor Marchetti leaves his wife Lucilla and three children, Nicola, Federica and Guido. I will always remember how gracious his wife Lucilla and he were to me when I visited him at his home and the Institute in 2012.

—David B. Levine, MD

Originally published in the December 2016 issue of the Scoliosis Research Society newsletter.

ALUMNI NEWS

Wilson Society: Your Legacy

Named in honor of Surgeon-in-Chief Emeriti Dr. Philip D. Wilson, Jr. and his father, Dr. Philip D. Wilson, Sr., the Wilson Society recognizes and thanks donors during their lifetimes for including the Hospital in their estate plans. Dr. Wilson, Jr. was among the 20 charter members at its founding in 1998. Since then, the Wilson Society has grown year over year, and together, its members provide millions of dollars of support annually that help HSS continue to provide the best patient care, conduct life-changing research, and educate future leaders in their fields.

Dr. Wilson, Jr. and Dr. Wilson, Sr. dedicated their lives to creating better futures for those affected by musculoskeletal disease, and their commitment is continued by Wilson Society members. Creating your legacy at HSS is one of the best ways to ensure that the Hospital is as rewarding for future generations of physicians as it was for you.

To speak with someone about the Wilson Society and making a planned gift, please contact Samantha Delson at 212.774.7527 or delsons@hss.edu.

hss.edu/legacy
Resident Class of 1993 and Fellow Class of 1994

G. Hadley Callaway, MD, is pleased to report that he is still scopes shoulders and knees. He is back on the UNC Healthcare System Board of Directors which he is finding interesting. After deciding to retire from sports team coverage, he is contemplating full retirement in the next five to seven years. With his children in college or working, Hadley plans to enjoy time with his wife, Cameron.

Resident Class of 1994

Paul T. Rubery, MD, since completing his residency at HSS, has spent his entire career in Rochester, NY. Dr. Rubery was named acting Chair of the Department of Orthopaedics at the University of Rochester in the fall of 2014, and named Marjorie Strong Wehle Professor and Chair in May 2015. He remains clinically active in his practice of pediatric and adult spinal surgery, and is privileged to lead a department of nearly 50 faculty, including 35 residents and five fellows. Dr. Rubery maintains five clinics and directly manages the musculoskeletal care at two hospitals, two ambulatory surgery centers, and four affiliated hospitals. The Center for Musculoskeletal Research is a particular source of pride with 16 full-time scientists. Rochester ranked second in the recent Blue Ridge Institute Survey of NIH funding in Orthopaedics. The department has numerous robust research programs including a focus on osteoimmunology, musculoskeletal infection, tendon healing, cartilage regeneration and repair, muscle stem cells, and genome studies in osteoporosis. They have been collecting the PROMIS patient-reported outcomes assessment instruments on every patient who enters their clinics for the past 18 months, and have a database with almost 300,000 unique patient encounters. Dr. Rubery expects this data will be extremely productive for their clinical researchers over the coming years. Two faculty at Rochester have HSS ties: Wakenda K. Tyler, MD, Division Chief in Musculoskeletal Oncology, and Benjamin Ricciardi, MD, the newest member of our Adult Reconstruction team.

On a personal note, Paul and his wife, Andrea, a tenured professor of political science at SUNY-Brockport, have four children: Paul who is pursuing a PhD in critical art theory at SUNY-Stony Brook; Aidan, an investment banking analyst; Katie, a senior French major at Johns Hopkins; and Hugh, a high school sophomore. Dr. Rubery would love to hear from friends who are visiting the scenic Finger Lakes or exploring the region’s award-winning vineyards.

Resident Class of 2010

Seth Sherman, MD, was chosen to participate in the 2017 AOSSM Travelling Fellowship, and is grateful to his primary sponsors, HSS Alumni Jo A. Hannafin, MD, PhD, and Bernard R. Bach, MD. He was also selected as the Chair of the AAOS Sports Medicine and Arthroscopy Committee for the 2017–2020 term. Seth and his wife, Sylvia, are overjoyed with the birth of their first child, Evie Adelaide Sherman, on September 18, 2016.

Fellow Class of 2015

Brad Daines, MD, welcomed Audrey Sophia to their family last fall and is enjoying his practice in Boise, Idaho.
The Bioskills Education Laboratory (BSEL), HSS’s nationally accredited simulated surgical training facility, is integral to the medical educational experience. In 2016, the facility completed its extensive renovation. Updated features include state-of-the-art equipment and operating room ceiling-mounted lights with an integrated camera system, and four dissection OR radiolucent tables. The BSEL also accommodates five arthroscopy stations, and can use a video conferencing system to offer education seminars and anatomy workshops onsite at HSS and offsite at teaching hospitals and select meeting locations.

The BSEL seeks to develop future thought leaders, highly skilled in orthopaedic surgery, rheumatology, and other specialties within musculoskeletal medicine. The facility provides state-of-the-art educational programs for residents, fellows, and other professionals by simulating surgical procedures (using sawbones and cadavers), promoting familiarization to surgical equipment and instrumentation, and developing new techniques that will enhance the skill sets of our physicians and physicians-in-training. As part of BSEL Visiting Alumni program, alumni who work outside of HSS have returned to facilitate service-specific lab sessions for residents and fellows, a relationship-building experience between trainees and alumni.
I’m interested in working in places where healthcare is not so easy, so I wanted to see how Dr. Boachie has set up his program. I also was excited to go to Ghana to see pathologies that you don’t get a chance to see in the United States, and to learn from Dr. Boachie—he’s one of the masters of spine surgery.

Here in the U.S. you see a lot of idiopathic scoliosis in adolescents, at a relatively early stage. In Ghana, you see how far these curves can go—cases that are much more severe. I also saw a lot of tuberculosis, and that can destroy the vertebral bodies and cause kyphosis. Probably the most important thing I learned about was a technique called halo gravity traction. It basically pulls the curves out, sort of like uncoiling a spring by pulling on it. The kids coming to the hospital range from 3 or 4 years old up to 20. If they have a severe curve, they stay in traction for up to 4 months. And while they’re doing that, they live at the hospital. It reminded me of the beginnings of HSS, when kids basically lived at the Hospital for the Ruptured and Crippled.

For the kids, it’s a bit like camp. A lot of times they’re malnourished or undernourished. At the hospital they get three square meals, and you see gains in weight and BMI during the time the traction is helping reduce the severity of their curve. It helps optimize them for surgery. And they get to hang out with other kids that have the same problems they have.

Dr. Boachie is training surgeons to run the hospital sustainably, and there is a very structured educational program. They rely less on volunteer missions now, but I was lucky to be there when Kyle Swanson, MD (HSS Fellow 2002) arrived with a mission for joint replacements. I went to Ghana on the fellowship created in honor of his brother Andrew Swanson, MD. I got to work with Kyle and his team during a week when they did 20–30 arthroplasty cases.

“probably the most important thing i learned about was a technique called halo gravity traction. it basically pulls the curves out, sort of like uncoiling a spring by pulling on it. the kids coming to the hospital range from 3 or 4 years old up to 20. if they have a severe curve, they stay in traction for up to 4 months. and while they’re doing that, they live at the hospital. it reminded me of the beginnings of hss, when kids basically lived at the hospital for the ruptured and crippled.

for the kids, it’s a bit like camp. a lot of times they’re malnourished or undernourished. at the hospital they get three square meals, and you see gains in weight and bmi during the time the traction is helping reduce the severity of their curve. it helps optimize them for surgery. and they get to hang out with other kids that have the same problems they have.

“the travel elective was a great experience. i’m continuing to work with dr. boachie on research related to a series of cases at the hospital, and i hope i’ll get the chance to go back there.”
Residents
Mathias P. Bostrom, MD (1995), was inaugurated as one of the first Fellows of International Orthopaedic Research (FIOR). The inauguration took place at the Combined Meeting of Orthopaedic Research Societies (ICORS) held in Xi’an, China.

Peter D. Fabricant, MD, MPDH (2014), became an Assistant Attending Orthopaedic Surgeon at HSS, specializing in pediatric and adolescent orthopaedic surgery. His clinical expertise is in sports medicine and fractures of the knee, hip, shoulder, elbow, and ankle.

Alexander S. McLawhorn, MD, MBA (2015), became an Assistant Attending Orthopaedic Surgeon at HSS, specializing in adult reconstruction of the hip and knee, including complex primary and revision joint replacement surgery.

Fellows
Mary K. Crow, MD (1983), received a Scientific Conferences award from the NIH/National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) for “Lupus 2016.”

Jane E. Salmon, MD (1983), is the first person from HSS to be inducted into the National Academy of Medicine.

Mark P. Figgie, MD (1988), received an Investigational New Drug (IND) approval from the Food and Drug Administration (FDA) for a drug delivery device designed and developed with the aid of the Biomechanics Department to provide sustained delivery of medications, such as pain relievers, directly to the knee joint.

Karen Brandt Onel, MD (1995), who after 12 years at the University of Chicago where she served as Program Director and Section Chief of Pediatric Rheumatology, has returned to HSS as Chief of the Division of Pediatric Rheumatology. Dr. Onel is amazed at all the changes but happy to see so many familiar faces and looks forward to catching up with everyone.

James D. Beckman, MD (1997), was appointed Clinical Director for the HSS Department of Anesthesiology.

Michael L. Parks, MD (1997), was among 15 African Americans in medicine honored during the 8th Anniversary of the Harlem Fine Arts Show (HFAS). The event, which took place at the Riverside Church in Harlem, NY, promoted health and wellness by embracing the medical community and showing the parallel between art and health.

Enrique A. Goytizolo, MD (1998), presented keynote lectures on Anesthesia for Total Hip Arthroplasty and Anesthesia for Total Knee Arthroplasty at The South Brazilian Orthopedic Congress in Brazil in June 2016. Dr. Goytizolo presented both lectures in Portuguese.

Doruk Erkan, MD, MPH (2001), received a Scientific Conferences award from the NIH/National Heart, Lung and Blood Institute (NHLBI) at the “15th International Congress on Antiphospholipid Antibodies.” Dr. Erkan and Stéphane Zuily, MD, MPH, PhD, co-authored the first Antiphospholipid syndrome iBook for medical students, in collaboration with the Université de Lorraine in France.

Danielle Ludwin, MD (2007), has been appointed Director of the Regional Anesthesiology and Acute Pain Medicine Fellowship Program at Columbia-Presbyterian Hospital.

Minda Patt, MD (2012), was on the Presenting Faculty for the 2016 New York State Society of Anesthesiologists’ Post Graduate Assembly Meeting, where she co-led a problem-based learning discussion on Epidural Anesthesia and New Oral Anticoagulant Therapy.

Stephen C. Haskins, MD (2013), is one of the three Program Directors for the first American Society of Regional Anesthesia and Pain Medicine course, “Introduction to Perioperative Point-of-Care Ultrasound,” in San Diego, held in February 2017.

John Hsih, MD (2015), was a Speaker for the Ultrasound and Live Model Anesthesia Workshop at the 2015 and 2016 New York State Society of Anesthesiologists’ Postgraduate Assembly Meetings.

Ellen M. Soffin, MD, PhD (2015), has been appointed Associate Director of Clinical Research for the HSS Anesthesiology Department.

Harry “Tate” G. Greditzer, IV, MD (2015, 2016), accepted a position as Assistant Attending Radiologist at HSS and Assistant Professor of Clinical Radiology at Weill Cornell Medical College. Dr. Greditzer will specialize in interventional musculoskeletal radiology and sports medicine.

Shanthini Kasturi, MD, MS (2016), became an Assistant Attending Physician at HSS in the Department of Rheumatology. Dr. Kasturi specializes in...
Scott Wolfe, MD, received the 2017 Kappa Delta Award (Elizabeth Winston Lanier Award) from the American Academy of Orthopaedic Surgeons (AAOS). This award recognizes outstanding clinical research related directly to musculoskeletal disease or injury, reflecting years of investigation. Dr. Wolfe and his co-investigator, Joseph J. (Trey) Crisco of Brown University will present their winning paper, entitled “Kinematics of the Normal and Injured Wrist: The Importance of the Midcarpal Joint” at the 2017 AAOS Annual Meeting in San Diego. Drs. Wolfe and Crisco have collaborated since 1990, and have received nearly $10M of grant funding and published more than 50 peer-reviewed manuscripts on wrist kinematics.

Sarah Faith Taber, MD (2016), became an Assistant Attending Physician at HSS specializing in pediatric rheumatology. Her focus is on the diagnosis and treatment of children with rheumatic diseases, including juvenile idiopathic arthritis, childhood systemic lupus, dermatomyositis, vasculitis, and systemic and localized scleroderma.

HSS Medical Staff
Emily Margaret Stein, MD, MS, became an Associate Research Scientist and Associate Attending Physician at HSS specializing in endocrinology.

Karmela Kim Chan, MD, became an Assistant Attending Physician at HSS specializing in rheumatology.

Joel M. Press, MD, became the Chairman, Department of Physiatry and Physiatrist-in-Chief. Dr. Press will fortify HSS Physiatry as a world-class clinical, teaching, and research department.

Joseph Oxendine, MD (2003 Fellow), Swetha Pakala, MD (2012 Fellow), and Lauren Nakazawa, MD (2017 Global Health Fellow), traveled to Vietnam for a teaching and service mission in January 2017. Dr. Nakazawa later traveled to Haiti for a service mission with Michael Urban, MD, and a team from Columbia Presbyterian Hospital.

Dr. Pakala, and Dr. Lauren Nakazawa (2016-2017 HSS Anesthesiology Global Health Fellow) at a farewell party with some of the local staff in Vietnam.

the care of autoimmune and rheumatic conditions, including systemic lupus erythematosus, rheumatoid arthritis, psoriatic arthritis, and undifferentiated connective tissue disease.

Morgan Swanstrom, MD, originally from Minneapolis, MN attended the University of Wisconsin-Eau Claire for undergrad where she majored in kinesiology and chemistry, and played on the lacrosse team. Dr. Morgan earned her medical degree at the University of Wisconsin in Madison. During her residency at HSS, she served as a resident liaison for the American Academy of Orthopaedic Surgeons and a medical student mentor for the Weill Cornell Medical College orthopaedic interest group. Morgan also served as a resident member of the Health Information Council and editor of the HSS Journal®, and she helped to develop and coordinate the Scaphoid Nonunion Registry within the Hand and Upper Extremity Service. Upon graduation, she headed back to Minnesota to complete a Hand and Upper Extremity Fellowship at the Mayo Clinic in Rochester. Morgan married her husband, Ben Hagen, in April 2016, during the last year of residency. She currently works at OrthoVirginia in Richmond, VA. In her free time, Morgan enjoys cooking, running, playing lacrosse, traveling, and trying out new restaurants.

Morgan Swanstrom, MD
Resident Class Representative 2016
swanstrom.morgan@gmail.com
In adding to this communication, Dr. Windsor has invited Jean-Noël Argenson, MD, PhD, chief of the orthopaedic department at the University Hospital of Marseille, France to the Annual Alumni Meeting this year. Dr. Argenson will discuss controversies in total knee and unicompartmental knee replacement. “The Alumni Meeting is a unique educational experience, and the culture that HSS generates with the alumni fosters this tremendous interest in returning to HSS,” says Dr. Windsor.

When Dr. Windsor isn’t practicing orthopaedics, he collects wine, plays classical piano, and enjoys traveling (recently to St. Petersburg and Moscow, Russia; Ukraine; and Armenia.) He lives in New York City with his wife. His daughter is completing an MBA at Columbia University. His older son works for the bank of Tokyo-Mitsubishi, and his youngest son is a first-year medical student at Georgetown University.

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

Manuscripts should be submitted via editorialmanager/hssj.
Continuing a Commitment to Educational Excellence

With the generous contributions of you, our loyal alumni, the Association has continued its long-honored tradition of promoting the exchange of knowledge and the advancement of education. This past year, the Continuing a Commitment to Educational Excellence campaign achieved its target goal of $100,000 to support educational opportunities for current and future alumni.

**Campaign Contributions**

**Hard at Work**

**Bioskills Education Laboratory Visiting Alumni Program**
This unique program allows current and former trainees to maintain a partnership of higher learning. External 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.

### Recipients

**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 Patel, MD
George F. Chimento, MD

**2016** Paul E. Kovatis, MD
Jeremy LaMothe, MD
Daniel E. Osei, MD, MSC

**Professional Leadership Education Scholarship**
Launched in 2015, this annual scholarship is designed to allow a PGY4 to attend a professional course in leadership development. The Alumni Association believes it is crucial for residents to master both clinical and non-clinical skills. The Alumni Affairs Committee identified three programs residents can apply to enhance self-awareness and master leadership strategies. These courses will ensure our rising mid-level residents become effective teachers, leaders, and practicing surgeons. Residents are responsible for sharing knowledge with peers upon completion of the course.

- **AOA Resident Leadership Forum**
- **ACGME Multi-Specialty Leadership Skills Training Program**
- **ACS Residents as Teachers and Leaders Course**

**Recipients**

- 2015 Samir K. Trehan, MD
- 2016 Peter Derman, MD, MBA
- 2017 Elizabeth Gausden, MD

**Alumni Giving Opportunities**

**Lance Peters, MD, Memorial Fund**
Established in honor of Dr. Peters to recognize a current or recent HSS-trained researcher for an outstanding published paper in biomechanics research. The Lance Peters, MD, Memorial Award is presented annually at the Alumni Meeting to an exceptional post-graduate trainee who completed research under the mentorship of the HSS Biomechanics Research Faculty.

**Andrew N. Swanson, MD, Fund**
Established in honor of Dr. Swanson to support an annual traveling two-week scholarship to Ghana for a resident or fellow to work with the FOCOS clinic. The recipient must demonstrate an interest in spine surgery and a commitment to providing compassionate medical care.

**Georgette “Gigi” Viellion, RN, ONC, Orthopaedic Nursing Education Fund**
Established in honor of Gigi who dedicated her life to the education and advancement of Orthopaedic Nursing, to support a scholarship for one RN to attend the Annual American Academy of Orthopaedic Annual Meeting each year.

**Archives Fund**
Established to support HSS archive activities and projects.

If interested in making a donation to the Alumni Association Fund or any of the funds listed above, please reach out to Colleen O’Shea, MPA, Manager of Alumni Affairs at 212.606.1823 or osheac@hss.edu today!

Duretti Fufa, MD, teaching in the BSEL

Daniel Osei, MD, facilitated a BSEL Visiting Alumni session on vascular arches and nerves.
TOPICS RECENTLY LAUNCHED INCLUDE:

- I Have a Hip Labral Tear, But… Symposium
- From Neer to Now: Contemporary Considerations in Arthroplasty Symposium
- Controversial Decisions Regarding the Biceps-Labrum Complex Gl Symposium
- Limb Lengthening and Deformity Correction: A New Paradigm With and Without External Fixation Symposium

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:

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

NEW SURGICAL VIDEOS

- Adult Lumbar Scoliosis Surgery with Sacro-Pelvic Fixation
- Applied Anatomy of the Brachial Plexus: A Cadaveric and Intra-operative Correlation

SPOTLIGHT ON
HOSPITAL FOR SPECIAL SURGERY eAcademy®
HENRY STERN, MD—President
EARN CME/CEU CREDIT ONLINE!
Over 30 Annual Alumni Meeting Modules Now Available!
Modules from the 98th Annual Alumni Meeting are being released on a rolling schedule. Please log on to HSS eAcademy® by using your preferred email address and enter the keyword “Alumni 2016” in the “Search Courses” box. Then, sort by descending release date to list the most recently released activities. If you need assistance contact Colleen O’Shea, MPA, at osheac@hss.edu.

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 www.hss.edu/cme.

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

CME/CEU WEBINARS

MARCH 29, 2017 7:00–8:30 pm
Technology and Alignment in Total Knee Replacement Webinar

APRIL 19, 2017 7:00–8:15 pm
Periprosthetic Femoral Fractures: Treatment Algorithm and Surgical Techniques Webinar

MAY 4, 2017 7:00–8:30 pm
SPINE CURRICULA 2017
Value and Cost Effectiveness of Spine Surgery Webinar

ONSITE & LIVE STREAMING COURSES

APRIL 21–22, 2017
11th Annual HSS Sports Medicine Symposium
Target audience: This activity is targeted to physical therapists, physical therapist assistants, athletic trainers, strength and conditioning professionals, physician assistants, orthopaedists, sports medicine physicians, physiatrists, and primary care physicians.

JUNE 9, 2017
David B. Levine, MD
Spinal Symposium
Value and Cost Effectiveness in the Treatment of Spinal Conditions
Target audience: This activity is targeted to spine surgeons. Physiatrists, neurosurgeons, physical therapists, chiropractors, primary care physicians, residents and fellows can also benefit from this activity.

Don’t forget about this benefit for dues-paying alumni!
TAKE 50% OFF the registration fee for upcoming Professional Education Programs.

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