

The Benjamin Fox Orthopedic Research Fellowship



Division of Orthopedic Surgery at The Children's Hospital of Philadelphia

John M. Flynn, MD

Chief of Orthopedic Surgery, CHOP
Professor of Orthopedic Surgery,
University of Pennsylvania School of Medicine

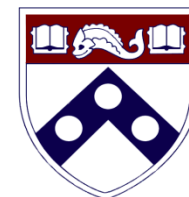
Theodore J. Ganley, MD

Director of Sports Medicine Center, CHOP
Professor of Orthopedic Surgery,
University of Pennsylvania School of Medicine



Wudbhav N. Sankar, MD

Director, Young Adult Hip Preservation Program, CHOP
Professor of Orthopedic Surgery,
University of Pennsylvania School of Medicine



The Benjamin Fox Orthopedic Research Award

Award Details

The [CHOP Benjamin Fox Orthopedic Research Scholar Award](#) is a nationally renown year-out program that offers 3 extraordinary medical students the opportunity to perform clinical orthopedic research with abundant resources (national databases, many CRC helpers, our own statistician) and with the national thought-leaders at The Children's Hospital of Philadelphia. While there are several funded year-out programs for medical school student research, this award is unique because it is specifically designed for students who are interested in pursuing a career in academic Orthopedic Surgery, and it combines productive research with weekly clinical training, academic conference/journal clubs and life-long mentoring. When Ben Fox Fellows complete the program, they have many publications, are confident in clinic, have lifelong friends and mentors determined to help them succeed—in their residency applications, training, practice, and life.

Division of Orthopedic Surgery at The Children's Hospital of Philadelphia

The Children's Hospital of Philadelphia is internationally recognized for its pioneering work in pediatric orthopedic patient care, education, and basic and clinical research. CHOP's Orthopedic Surgery at CHOP was again voted the top pediatric orthopedic programs in the nation by *U.S. News & World Report*. CHOP orthopedic surgeons are leaders in their fields – pioneering clinical innovations, writing textbooks, chairing courses and leading regional, national and international organizations in orthopedics. We have 29 attending physicians, each with different subspecialties in pediatric orthopedics

Eligibility

Applicants should be completing their **third year of medical school--we only take students between 3rd and 4th years.** The student must be in good academic standing and have an interest in pursuing a career in Orthopedic Surgery. The successful applicant will be responsible, motivated, intellectually curious and independent.

Award Stipend and Benefits

The recipient of this award will receive a \$40,000 stipend to cover living expenses for the year, as well as \$5,000 travel expenses for national presentations.

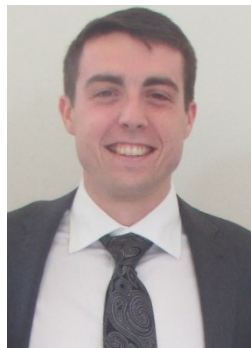
How to Apply

Eligible students can apply by visiting the [CHOP Orthopedic website](#). After clicking on the link, please go to the section entitled “Professional Resources for Orthopedics”. Under “Other educational programs” the link to the [Benjamin Fox Orthopedic Research Scholar Award](#) can be found. Detailed directions for submission can be found on the application. The deadline for the application is **November 15th, 2023**. We recommend submitting an application as soon as possible.

If you have any questions, contact Divya Talwar at talward@email.chop.edu



The Ben Fox Fellowship Experience



"The Ben Fox Fellowship is an incredible experience for an uncountable number of reasons. It offers not only an unmatched research experience, but also exposure to a vast array of pediatric orthopaedics. I truly feel that the mentorship and friendship I received during my time at CHOP will continue to shape my future for years to come. Without a doubt, the Ben Fox Fellowship was the defining experience of my time in medical school."

Brendan Striano (BFF 2016-2017)

Orthopaedic Surgery Clinical Fellow, Harvard Medical School



The Benjamin Fox Orthopaedic Research Fellowship was the most formative experience of my medical school career. The dedication of the faculty mentors to their research fellows, during the fellowship year and beyond, is unparalleled, and the opportunity to spend an entire year immersed in all aspects of orthopaedics with these world-renowned surgeons and researchers was invaluable both to my education and to furthering my future career as an orthopaedic surgeon.

Chrissy Goodbody (BFF 2013-2014)

Attending Surgeon, Children's Hospital of Philadelphia



My time as a Ben Fox Fellow was the most formative experience of medical school. The support I received to build a knowledge foundation in orthopaedics and pursue meaningful research is surpassed only by faculty members' dedication to serving as lifelong mentors. There is simply no better preparation for orthopaedic residency training.

Chris Brusalis (BFF 2015-2016)

Orthopaedic Sports Medicine and Shoulder Surgery Fellow • Rush University

The Benjamin Fox Fellowship allowed me to explore what "academic medicine" truly is from an insider's perspective. I gained valuable knowledge and fundamental skills that I have translated both into my practice of orthopaedics as a resident and in conducting research. The experience both helped strengthen my application as an orthopaedic candidate and allowed me to form strong, life-long mentorship relationships which have been, and continue to be, truly valuable.

Itai Gans (BFF 2012-2013)

Attending Surgeon, Premier Orthopaedics



Three generations of Ben Fox Fellows. From left to right: Jigar Gandhi, Nakul Talathi, Alexander Adams (BFF 2017-2018), Neeraj Patel (BFF 2010-2011), and David Ramski (BFF 2011-2012).



The Benjamin Fox Fellowship – Research

The [Ben Fox Orthopedic Fellowship](#) is a funded year-out research position designed for third year medical students destined for a career in orthopedic surgery. The goal is to launch the careers of tomorrow's leaders in our field.

There are three components to the program: research, clinical exposure and mentoring. For the research focus, the Ben Fox fellows take on several projects, prospective and retrospective, single-center and multi-center, some of which were started prior to their arrival, and some of which will begin during their year. The research is designed to answer questions and solve problems in the area of pediatric orthopedic trauma; sports medicine; spine, hip and hand disorders; patient safety; healthcare quality and value; as well as medical economics. Students meet with Drs. Flynn, Ganley and Sankar several times per week to assure satisfactory supervision and mentorship.

There is a very strong, long established clinical research office in the Division of Orthopedics at The Children's Hospital of Philadelphia. A few of the benefits of doing clinical research in our Division include:

- 9 orthopedic CRCs, Data Analyst, Statistician and Program coordinator who can help the student design and complete IRB's, extract complex datasets from EMR, adhere to Division and CHOP research policies, review clinical data, measure X-rays, and complete manuscripts for publication. They offer crucial assistance to new students and researchers who join our Division.
- A Research Manager whose advice and support will be invaluable as you navigate the logistical and compliance challenges of 21st clinical research.
- Four U.S.-trained clinical fellows and an international research fellow, each of whom has their own individual projects, but with their other obligations, often welcome and mentor medical student collaborators.
- Extremely active academic surgical faculty, with at least 8 internationally-known thought leaders among our 18 full-time surgeons and 7 non-operative physicians. A faculty member and research manager with a PhD and statistician, who can assist the student with study design and statistical analysis.
- Nearly 200+ open clinical IRBs, including databases for several national multicenter research groups, ripe for utilization for high-powered collaborative projects.
- Daily clinical conferences, visiting speakers, quarterly Journal Club and many other educational events to inspire and educate medical student researchers.
- A high-volume clinical practice (more than >65,000 outpatient visits, and >6,000 surgical procedures per year) that allows the student to shadow and gain clinical exposure to inspire research ideas.

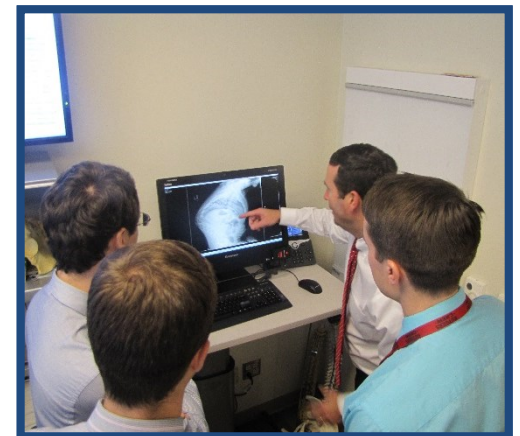
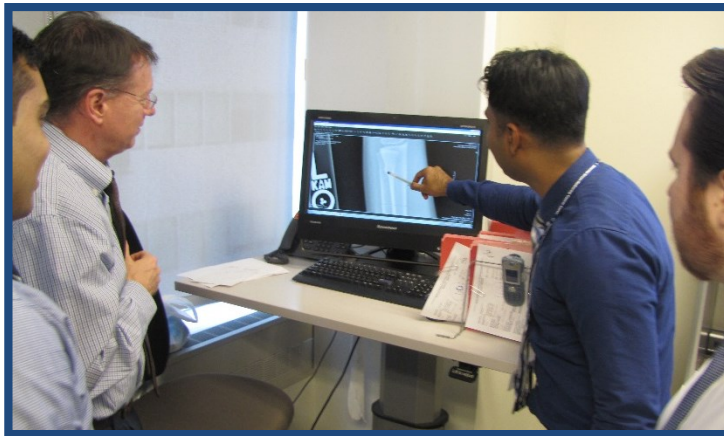
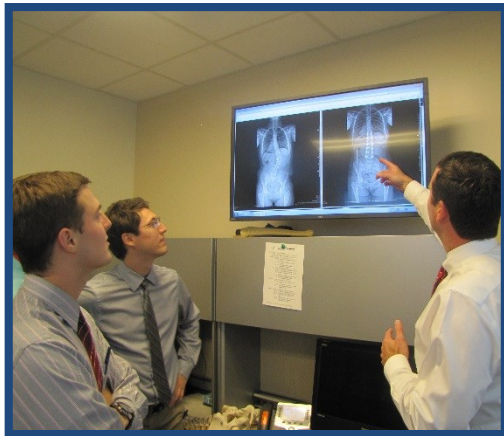
Completed projects by Benjamin Fox fellows are published in the best orthopedic journals and are presented at the American Academy of Orthopaedic Surgeons, the Scoliosis Research Society, the American Academy Society for Orthopaedic Sports Medicine, the Pediatric Orthopaedic Society of North America and the American Academy of Pediatrics. In many cases, whenever permissible and possible, the Benjamin Fox Fellows present their research at these national meetings. There are several Division research meetings per year and an opportunity to present research to the entire CHOP Orthopedic Division at the year-end orthopedic research symposium.



The Benjamin Fox Fellowship – Clinical Orthopedics

The second aspect of this program is strong clinical exposure. The Benjamin Fox Fellow participates actively in the outpatient clinical program in the Division of Orthopedics at CHOP. There are weekly outpatient clinics where the Benjamin Fox Fellow will be trained and mentored to participate in trauma and sports clinics. Weekly, the Benjamin Fox Fellow sees patients alongside Dr. Flynn, Dr. Ganley or Dr. Sankar, developing mastery of pediatric physical exam of the shoulder, knee, fractures, spine and hip, image interpretation and decision making. Additionally, Fellows participate in surgeon-of-the-day clinics, specifically gaining experience in the evaluation of patients with urgent injuries. Typically, by the end of the year, the Benjamin Fox Fellow functions at a level above a senior resident.

There are also opportunities to observe surgical procedures in the operating room. In addition, the Benjamin Fox Fellows are welcomed and encouraged to attend a very rich variety of clinical conferences in the Division of Orthopedic Surgery at CHOP, including didactic lectures, a weekly case presentation conference, University of Pennsylvania Orthopedic Grand Rounds every Thursday morning, and a quarterly clinical research journal club attended by all faculty, students, residents and fellows. With the experience in clinic, observation in the operating room, attendance of conferences, and the interaction with the University of Pennsylvania orthopedic residents and fellows, the year-out medical students advances to the next level of training far ahead of those students who have spent the year just doing clinical rotations.



Mentors



Theodore J. Ganley, MD

[Dr. Ganley](#) has been an attending surgeon at CHOP for over 25 years. He is Director of The Sports Medicine and Performance Center at The Children's Hospital of Philadelphia. Dr. Ganley completed a sports medicine fellowship at The Graduate Hospital, in affiliation with The University of Pennsylvania, and completed a second fellowship in pediatric orthopedics at CHOP. He is one of a small group of surgeons in the country with a primary focus on sports and trauma in the young athlete. He is a member of several multicenter research groups, is a co-founding member of the Research in Osteochondritis Dissecans of the Knee (ROCK) group, and a member of the Multicenter ACL Revision Study (MARS) group and Pediatric ACL: Understanding Treatment Outcomes (PLUTO).

Dr. Ganley has published more than 250 peer-reviewed scientific articles, reviews or textbook chapters, and was editor of a Clinics in Sports Medicine book on ACL injury in the young athlete this past year. He lectures nationally and internationally on ACL reconstruction, OCD lesions, sports and trauma in the young athlete. He served on executive committee for American Academy of Pediatrics. Dr. Ganley is also Program Chair for the Philadelphia Orthopaedic Society, second Vice President for Pediatric Research in Sports Medicine (PRISM) and serves on the POSNA Evidence Based Practice Committee.

Dr. Ganley is married and has five children. He enjoys the academic aspects of clinical medicine and working with the Ben Fox Fellows.



Mentors



John M. Flynn, MD

[Dr. Flynn](#) joined the CHOP team in 1996, after completing 18 months of Fellowship at Boston Children's and DuPont. After 8 years as Associate Chief, he became Orthopaedics Division Chief in 2014.

Dr. Flynn's clinical focus includes spine deformity, early onset scoliosis/thoracic insufficiency, fractures, and pre-school hip disorders. He initiated the CHOP programs for hip preservation, TIS/VEPTR, MAGEC rods, Mehta casting and image guided navigation for pedicle screw placement. He is the author of over 300 peer reviewed papers, reviews and chapters, and editor of the seminal texts in pediatric orthopaedics: Lovell and Winter's Pediatric Orthopaedics, Rockwood's Fractures in Children, Operative Techniques in Pediatric Orthopaedics, as well as OKU 10 and Staying out of Trouble in Pediatric Orthopaedics. He is on the President of the Pediatric Spine Foundation.

Dr. Flynn served as the President of the Pediatric Orthopaedic Society of North America in 2013-2014, and was Chair of the International Pediatric Orthopaedic Symposium. He is currently a Director, American Board of Orthopaedic Surgery and a member of the JBJS Board of Trustees.

A winner of multiple Penn teaching awards, he lectures nationally and internationally on management of spinal disorders, pediatric fracture care, safety and value in spine care, and work-life integration for surgeons. His primary passion, however, is family: his wife Mary and four kids—Erin, Colleen, John and Kelly, and granddaughter Emma.



Mentors



**Wudbhav N. Sankar,
MD**

[Dr. Sankar](#) has been an orthopedic surgeon at CHOP for more than five years, and is director of the young adult hip preservation program. He is a graduate of Cornell University and the University of Pennsylvania School of Medicine. After finishing his orthopedic residency at the University of Pennsylvania, Dr. Sankar completed three additional fellowships in the areas of pediatric orthopedic surgery and adolescent hip surgery at Children's Hospital Los Angeles, the Shriners Hospitals for Children in Los Angeles, and Boston Children's Hospital. He is one of a small group of surgeons in the country with special expertise in complex adolescent and young adult hip reconstruction.

Dr. Sankar is a member of several multicenter research groups including the International Perthes Study Group, the International Hip Dysplasia Institute, and the Academic Network of Conservation Hip Outcomes Research (ANCHOR). In 2012, Dr. Sankar received the Young Investigator Award at the AAOS/ORS Femoroacetabular impingement research symposium. He currently serves as medical director for International Hip Dysplasia Institute.

Dr. Sankar has published more than 100 peer-reviewed scientific articles, reviews or textbook chapters, and co-edits the pediatric sub-section of *Operative Techniques in Orthopaedic Surgery*, along with Dr. Flynn. Dr. Sankar is an at-large member of the board of directors of the Pediatric Orthopaedic Society of North America (POSNA).

Dr. Sankar is married and has three children.

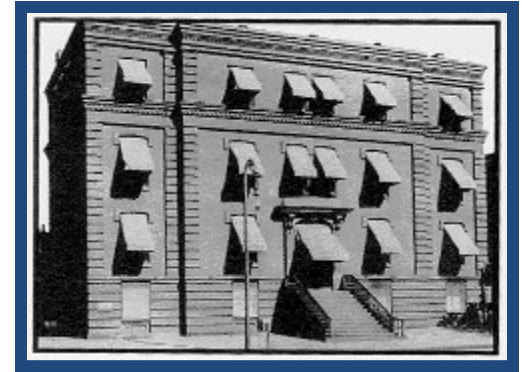


The Children's Hospital of Philadelphia

The Children's Hospital of Philadelphia (CHOP) is not only the oldest pediatric hospital in the United States, it is also one of the top-ranked children's hospitals in the world. In addition to providing excellent patient care, CHOP excels at research by devising and committing to projects aimed at developing cures for chronic and fatal pediatric illnesses and disorders. Because awareness of disease is important in the prevention of illness, CHOP also strives to educate the public – not only on ways to prevent disease – but also on ways to support independent living for those with debilitating conditions.

CHOP was founded in 1855, when Francis West Lewis MD, inspired by his visit to the Great Ormond Street Hospital for Sick Children in London, built the first pediatric hospital in the United States. In collaboration with three other doctors, the team constructed a pediatric center that included 12 beds and a dispensary. A year later, the hospital's physicians treated 67 inpatients and 306 clinical patients. Since its first year, the hospital has relocated its building on three separate occasions. On June 23rd, 1974, the hospital settled at 34th Street and Civic Center Boulevard, its current location. In 1976, C. Everett Koop, MD, not only established the pediatric surgical division, but also performed ground-breaking procedures that brought notoriety to the hospital.

CHOP has earned recognition as the nation's best pediatric hospital from two respected publications: [*U.S. News & World Report*](#) named CHOP No. 3 on its 2019-2020 Honor Roll of Best Children's Hospitals in the nation; and [*Parents magazine*](#) named CHOP No. 1 on its 2019 list of Top 10 Best Children's Hospitals. To learn more, see [Why Choose CHOP?](#)



History of the Division



Jesse Nicholson, MD



Stanley Chung, MD



Hugh Watts, MD



Denis Drummond, MD



John P. Dormans, MD



John M. Flynn, MD

In 1889, with the financial help of the Ladies' Auxiliary, DeForest Willard organized the first orthopedic children's ward at the University of Pennsylvania. Since then, The Children's Hospital of Philadelphia has seen six Chiefs of Orthopedic Surgery. The first, Charles Merrill, MD, was instated as Chief, but unfortunately died one month later.

In 1936, Jesse Nicholson, MD, replaced Merrill as Chief of Orthopedic Surgery. Nicholson's position as Chief ended in 1968, and he was succeeded six years later by Stanley Chung, MD, who served from 1974-1979. In 1979, Hugh Watts, MD, took over as Division Chief. Six years later, Denis Drummond, MD, succeeded Dr. Watts, and served from 1985-1996. John P. Dormans, MD led the Division from 1996-2014. Subsequently Dr. Flynn succeeded him as Chief of Orthopedic Surgery.



The City of Philadelphia

A Brief History of Philadelphia

- In 1682, William Penn bought land from the local Lenape Indian village of Shackamaxon.
- In 1701, Penn issued a Charter, establishing Philadelphia as a city.
- From 1790 to 1800, Philadelphia served as the capital of the United States of America.
- As businesses boomed within this area, the population reached two million residents in 1950.
- Today, Philadelphia remains a commercial, educational, and a diverse center of culture, art, architecture, cuisine, and sports.



Philadelphia and Medicine

- Philadelphia has become an important center for medicine, an association that the city has had since its colonial period.
- Philadelphia is home to the first hospital in the British North American colonies.
- Philadelphia is also the home of the first medical school, located today at the University of Pennsylvania.
- The first pediatric hospital in the United States was established in Philadelphia in 1855 (The Children's Hospital of Philadelphia).
- Major hospitals within Philadelphia are also affiliated with Temple University School of Medicine, Drexel University College of Medicine, Thomas Jefferson University, and Philadelphia College of Osteopathic Medicine.



The City of Philadelphia

Ideal Location

- Philadelphia is located ideally between many popular attractions on the northeast coast of the United States.
- As indicated on the map to the right, Philadelphia (point A) is a short distance from New York City (point B - 95 miles), the Pocono Mountains (point C - 135 miles), Cape May (point D - 92 miles), and Baltimore (point E - 100 miles).
- The area surrounding Philadelphia has much to offer: whether it's seeing Broadway shows in New York, skiing in the Pocono's, relaxing on the beach in Cape May, or visiting Baltimore's Inner Harbor to catch and dine on some of the best crab on the east coast, the Philadelphia area is brimming with things to see, do, and experience.



Art and Food

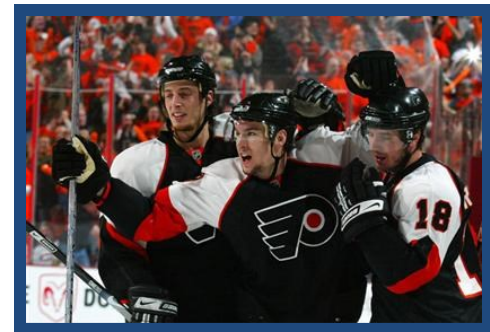
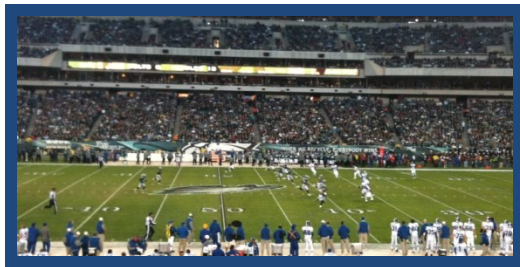
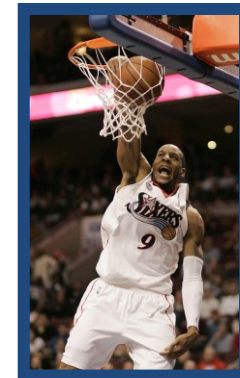
- Philadelphia is home to many museums, including the Philadelphia Museum of Art, one of the largest art museums in the United States; the Pennsylvania Academy of Fine Arts; the Rodin Museum, which boasts the largest collection of works by Auguste Rodin outside of France; and the Philadelphia Sketch Club.
- Annual events include film festivals and parades, the most well-known being the New Year's Day Mummers Parade.
- The city is also known for its food – from hoagies to cheesesteaks, scrapple to soft pretzels, water ice to Tastykakes.



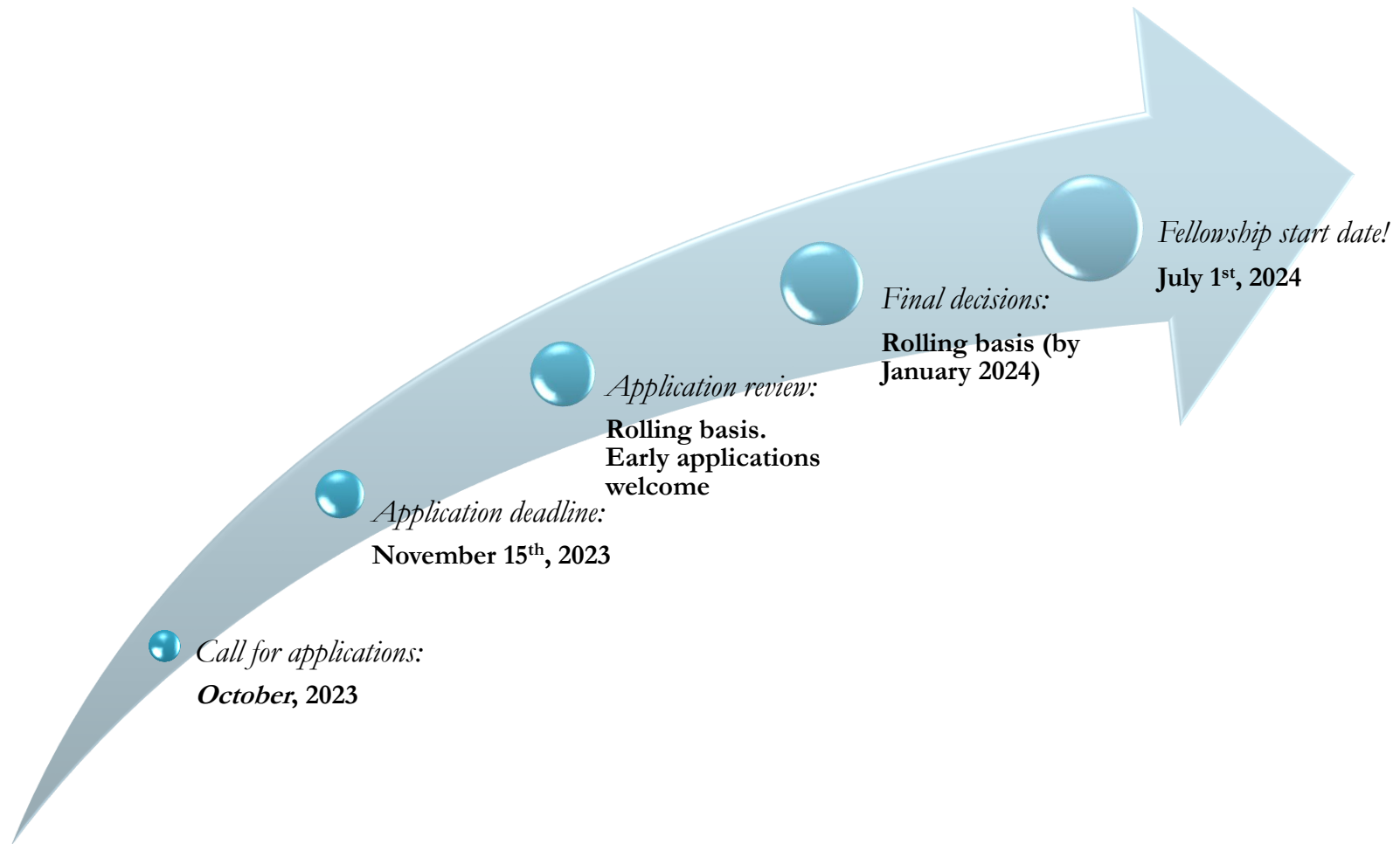
The City of Philadelphia

Sports

- Philadelphia is one of 13 cities in the nation to have all four major sports teams: the Philadelphia Eagles of the National Football League, the Philadelphia Flyers of the National Hockey League, the Philadelphia Phillies of Major League Baseball, and the 76ers of the National Basketball Association.
- Sporting events such as the Penn Relays, the Philadelphia Marathon, the Broad Street Run, and the Aberdeen Dad Vail® Regatta attract professional, semi-professional, and elite amateur teams and individuals from all over the country to the city as well.



Application Timeline



Current Ben Fox Fellows



Nathan Chaclas

2023-2024

Geisinger Commonwealth School
of Medicine

Nathan Chaclas was born in Bridgeport, Connecticut. He grew up in Southbury, Connecticut and later Chadds Ford, Pennsylvania. He graduated from Penn State with a degree in biomedical engineering and a biochemical focus in 2018. During college, he conducted neuroscience research and worked in biomedical and translational informatics before completing a capstone in surgical lead vest support systems. After graduating, Nathan spent time as an EMT and volunteer at his local food cupboard before attending Geisinger Commonwealth School of Medicine. Outside the classroom, his pursuits have included orthopaedic applications of virtual reality, mechanical modeling, gait analysis, materials testing, and instructional device development. He is the founding managing editor of MSK Matters, a student-run orthopaedic literary resource. Further, he has worked closely with his institution's financial aid office and served as the vice president of its student interest group. His research interests include biomechanics, medical technology, health policy, business & education. Outside of work, Nathan enjoys gardening, traveling and exploring Philly's vibrant restaurant and event scene.



Current Ben Fox Fellows



Vineet Desai

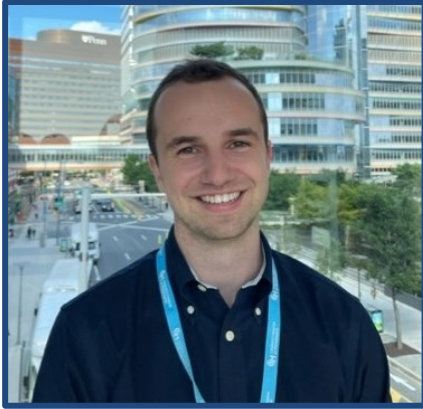
2023-2024

Harvard Medical School

Vineet Desai was born and raised in Orange County, California. He attended Vanderbilt University as a recipient of the Cornelius Vanderbilt full-tuition merit scholarship. He graduated Summa Cum Laude with a double major in Ecology & Evolutionary Biology and Organizational Development in 2020. During college, he conducted biomedical imaging research at Vanderbilt Medical Center and the Beckman Laser Institute at UC Irvine. He was a resident adviser of a freshman dorm for three years and spent a summer as a fellow with Teach For America. After graduating, Vineet began school at Harvard Medical School. At Harvard, he is the founder and president of the Harvard Medical School Spine Club, teaches health education to incarcerated populations in Boston, and works with Lunate Health, an orthopaedics start-up. He conducts research in both orthopaedics and health policy at Brigham & Women's Hospital. His current research interests at CHOP include pediatric spinal deformities, brachial plexus birth injuries, and neuromuscular disorders. In his free time, Vineet enjoys running, watching re-runs of his favorite sitcoms, and continuing his search for the best bubble tea.



Current Ben Fox Fellows



David VanEenenaam

2023-2024

SUNY Upstate Medical University

David VanEenenaam was born and raised in Watertown, NY. He graduated Magna Cum Laude from Wake Forest University with a B.S in Biology with bio in 2019. During his undergraduate career, David worked on developing novel chemotherapeutics in colorectal cancer at the Wake Forest Department of Cancer Biology. Following graduation, he conducted clinical anesthesiology research at Wake Forest Baptist Health Center where he worked on Phase III clinical trials for novel postsurgical analgesia agents in pediatric patients undergoing scoliosis surgery, piquing his interest in pursuing pediatric orthopedics. He attends the Norton College of Medicine at SUNY Upstate Medical University in Syracuse, New York where he continues to be involved in pediatric orthopedic research and helps teach health literacy to the local community. Outside the classroom, he volunteers with Reach One Teach One (ROTO), an organization that teaches science to elementary-aged girls in the local community and serves as a student interviewer in the admissions department. His current research interests at CHOP include pediatric musculoskeletal oncology and developing machine learning algorithms for children with orthopedic complications related to spinal muscular atrophy. In his free time, he enjoys running with his fellow BFFs, whitewater kayaking, and watching the Bills.



Prior Ben Fox Fellows



Julianna Lee
2022-2023

University of Connecticut School
of Medicine

1. Yang D, Orellana K, **Lee J**, Stevens AC, Talwar D, Ganley TJ. (2023). Return to Sports Following Covid-19 Peak Has Not Led to Increased Soft Tissue Injury Rate in Pediatric Population. *Sports Health*.
2. Yang D, **Lee J**, Orellana K, Batley M, Syed AN, Sankar W. (2023). Traumatic hip dislocations in a pediatric cohort: The importance of advanced imaging. *Journal of Children's Orthopaedics*.
3. **Lee J**, Houlihan N, Maguire K, Lawrence JT, Lawrence W, Williams B, Ganley TJ. Osteochondritis Dissecans of the Knee in Pediatric Patients: An Epidemiologic Analysis. *Clinical Journal of Sports Medicine*. February 2023.
4. **Lee J**, Buttrick E, Shah A. Post-Traumatic Carpal Tunnel Syndrome in Children. *Journal of Hand Surgery Global Online*. (*Submitted*).
5. Yang D, Orellana K, **Lee J**, Bram J, Sarkar S, Renjilian CB, Ganley TJ. The Child Opportunity Index and Outcomes Following Pediatric ACL Reconstruction. *American Journal of Sports Medicine*. (*Submitted*).
6. **Lee J**, Vark PR, Mendenhall S, Chang B, Shah A. Physeal Fractures of the Distal Ulna: Incidence and Risk Factors for Premature Growth Arrest. (*In preparation*)
7. **Lee J**, Orellana K, Ellsworth B, Lawrence JT, Ganley TJ. Radiographic Indices and Treatment Outcomes of Syndesmotic Ankle Injuries in Skeletally Immature Children at a Large Tertiary Hospital. (*In preparation*)
8. **Lee J**, Orellana K, Ellsworth B, Lawrence JT, Ganley TJ. Faster Weight Bearing Status After Ankle Syndesmotic Injury with Syndesmotic Button Fixation in Pediatric and Adolescent Athletes. (*In preparation*)
9. **Lee J**, Yang D, Orellana K, Batley M, Davidson, R. A Retrospective Analysis of Success in Serial Casting for Idiopathic Tight Heel Chords. (*In preparation*)
10. **Lee J**, Orellana K, Hauth L, Sankar WN, Anari JB, Cahill PJ, Flynn J. Brace Treatment in Idiopathic Scoliosis: When do patients have the best compliance? (*In preparation*)



Prior Ben Fox Fellows



Kevin Orellana

2022-2023

University of Texas, Rio Grande
Valley School of Medicine

1. **Orellana K.J.**, Tibial Spine Research Interest Group, Houlihan NV, et al. Tibial Spine Fractures in the Child and Adolescent Athlete: A Systematic Review and Meta-analysis [published online ahead of print, 2023 Jun 16]. Am J Sports Med. 2023;3635465231175674. doi:10.1177/03635465231175674
2. Baumann AN, **Orellana K.J.**, Landis L, Baldwin, K. The McKenzie Method Is an Effective Rehabilitation Paradigm for Treating Adults With Moderate-to-Severe Neck Pain: A Systematic Review With Meta-Analysis. Cureus. 2023;15(5):e39218. Published 2023 May 19. doi:10.7759/cureus.39218
3. Harwood, K.L., Kell, D., **Orellana, K.J.**, Markiewitz, N.D., Williams, B.A.. (2023). Stationary bike injuries Prompting EmergencyDepartment presentation in pediatric patients: an epidemiological study . The Physician and Sports Medicine. <https://www.tandfonline.com/doi/abs/10.1080/00913847.2023.2246176?journalCode=ipsm20>
4. Yang D, Lee J, **Orellana K.J.**, Batley M, Syed AN, Sankar W. Traumatic hip dislocations in a pediatric cohort: The importance of advanced imaging. Journal of Children's Orthopaedics. 2023;0(0). doi:10.1177/18632521231164990
5. **Orellana, K.J.**, Lee, J., Yang, D., Hauth, L., Flynn, J.M.. (2023). Impact of Social Determinants of Health on Adolescent Idiopathic Scoliosis Curve Severity. Journal of Pediatric Orthopaedics. (*Under Review*).
6. **Orellana K.J.**, Buttrick E, Belardo ZE, Pehnke M, Schmieg S, Shah AS. Risk Factors and Outcomes of Neonatal Radial Nerve Palsy. Journal of Hand Surgery- European Edition- (*Under Review*).
7. **Orellana, K.J.**, Baghdadi, S., Yang, D., Lee, J., Lawrence, J.T., Maguire, K., Williams, B.A., Ganley, T.. (2023, Jul). Return to Activity Following Patellofemoral Osteochondral Fracture: A Comparison of Metallic Screw and Bioabsorbable Fixation. Orthopaedic Journal of Sports Medicine. (*Under Review*)
8. **Orellana, K.J.**, Bram, J.T, Batlet, M., Novotny, S., Shah, S., Laine, J.C., Kim, H., Kelly, D.M., Martin, B., Schrader, T., Sankar, W.N.. (2023, Sep). Predictors of Persistent Limp Following Proximal Femoral Varus Osteotomy for Perthes Disease. Journal of Pediatric Orthopaedics. (*Submitted*)
9. **Orellana, K.J.**, Lee, J., Yang, D., Kell, D., Nguyen, J.C., Lawrence, J.T., Williams, B.A. Dysplasia Worsens Over Time - Trochlear Morphologic Changes in Skeletally Immature Patients Across Consecutive MRI Studies. American Journal of Sports Medicine (*Submitted*)



Prior Ben Fox Fellows



Daniel Yang

2022-2023

University of Michigan Medical
School

1. **Yang D.**, Lee J., Orellana K., Batley M., Sankar W. Traumatic Hip Dislocations in a Pediatric Cohort: The importance of Advanced Imaging, *Journal of Children's Orthopaedics*, April 2023, doi: [10.1177/1863252123116499](https://doi.org/10.1177/1863252123116499)
2. **Yang D.**, Orellana K., Lee J., Stevens A., Talwar D., Ganley T. Welcome back! Return to sports following COVID-19 peak has not led to increased soft tissue injury rate in pediatric population, *Journal of Sports Health*, preprint 2023.
3. **Yang D.**, Kell D., Syed A., Huang K., Sakar S., Goodbody C., Williams B. Does Skeletal Maturity Predict the Pattern of Tibial Tubercle Avulsion Fractures?, *Journal of Pediatric Orthopedics*, May 2023, DOI: [10.1097/BPO.0000000000002435](https://doi.org/10.1097/BPO.0000000000002435)
4. Kiani S.N., **Yang D.**, Zheng J., Spiegel D.A. Clubfoot and the Ponseti Method: A Bibliometric Analysis, *Journal of Bone and Joint Surgery Open Access*, *JBJS Open Access*, preprint 2023
5. Orellana K., L Lenhart R., Yang D., Baldwin K., Goodbody C. Impact of Childhood Opportunity on Hip Displacement in Cerebral Palsy, *Journal of Pediatric Orthopaedics*, submitted April 2023
6. **Yang D.**, Orellana K., Lee J., Sakar S., Bram J., Renjillian C., Ganley T. The Childhood Opportunity Index and Outcomes Following Pediatric ACL Reconstruction, submitted May 2023
7. **Yang D.**, Lee J., Orellana K., Kell D., Arkader A. Osteosarcomas and Opportunity, Novel Measures of Childhood Opportunity Correlate with Worse Presentation, submitted May 2023
8. **Yang D.**, Baldwin K., Balar P., Zheng J., Spiegel D., Anari J.B. It's Safe to Go Home: An Evaluation of Common Complications in Operative Supracondylar Humerus Fractures. (Submitted June 2023)
9. Orellana K., **Yang D.**, Goodbody C., Baldwin K. Effects of Social Determinants of Health on Adolescent Idiopathic Scoliosis Presentation and Progression. (Submitted April 2023)
10. Orellana K., **Yang D.**, Williams B. Development of Trochlear Morphology in Patellofemoral Instability. (In preparation)
11. Orellana K., **Yang D.**, Lee J., Williams B. Suture Bridge vs Screw Fixation in Pediatric Osteochondral Fractures. (In preparation)



Prior Ben Fox Fellows



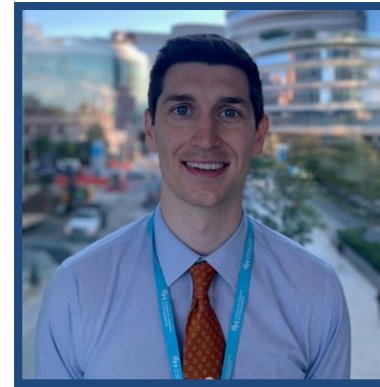
Sara Kiani
2021-2022

Current position:
Orthopedic Surgery Resident,
University of California, Los Angeles



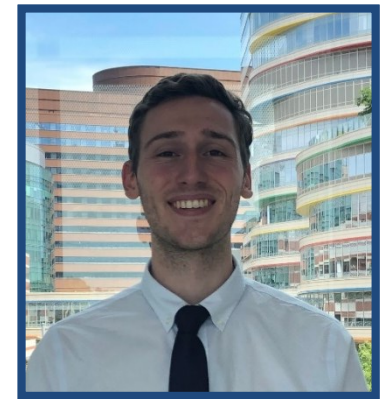
Patrick England
2021-2022

Current position:
Orthopedic Surgery Resident,
Northwestern University



Nathan Houlihan
2021-2022

Current position:
Orthopedic Surgery Resident,
University of Michigan



Mitchell Johnson
2020-2021

Current position:
Orthopedic Surgery Resident,
Hospital For Special Surgery



Ryan Guzek
2020-2021

Current position:
Orthopedic Surgery Resident,
University of Iowa



Max Cornell
2020-2021

Current position:
Orthopedic Surgery Resident,
UPMC



Joshua Bram
2019-2020

Current position:
Orthopedic Surgery Resident,
Hospital For Special Surgery



Nishank Mehta
2019-2020

Current position:
Orthopedic Surgery Resident, Stony Brook University



Lacey Magee
2019-2020

Current position:
ENT resident, Cleveland Clinic

Prior Ben Fox Fellows



Scott LaValva
2018-2019

Current position:
Orthopedic Surgery Resident, Hospital
For Special Surgery



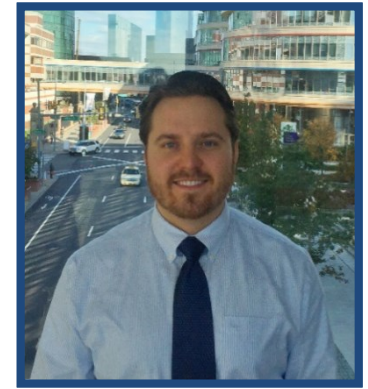
Blake Meza
2018-2019

Current position:
Orthopedic Surgery Resident, Hospital
For Special Surgery



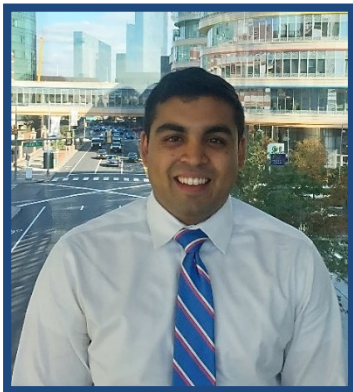
Ronit Shah
2018-2019

Current position:
Orthopedic Surgery Resident, Temple
University



Alexander Adams
2017-2018

Current position:
Orthopedic Surgery Resident, Thomas
Jefferson University



Nakul (Nick) Talathi
2017-2018

Current position:
Orthopedic Surgery Resident,
University of California, Los
Angeles



Jigar (Jay) Gandhi
2017-2018

Current position:
Orthopedic Surgery Resident, Cooper
University Health Care



Brendan Striano
2016-2017

Current position:
Orthopedic Surgery Resident, Harvard
Medical School



Taylor Jackson
2016-2017

Current position:
Pediatric Orthopaedic Clinical
Fellow, Rady Children's Hospital

Prior Ben Fox Fellows



Chris DeFrancesco

2016-2017

Current position:

Pediatric Orthopaedic Clinical
Fellow, CHOP



Chris Brusalis

2015-2016

Current position:

Sports Medicine and Shoulder Surgeon,
Hospital for Special Surgery



Christian Refakis

2015-2016

Current position:

Pediatric Anesthesiology, Northwell
Health



Joseph Yellin

2014-2015

Current position:

Attending Orthopaedic Surgeon,
CHOP



Alex Gornitzky

2014-2015

Current position:

Attending Surgeon, University of
Michigan



Christine Goodbody

2013-2014

Current position:

Attending Orthopaedic Surgeon,
CHOP



Afam Nduaguba

2013-2014

Current position:

Orthopaedic Surgeon, MedStar
Washington Hospital Center



Eric Sarkissian

2012-2013

Current position:

Orthopedic Surgeon, VA Medical
Center, Washington, DC

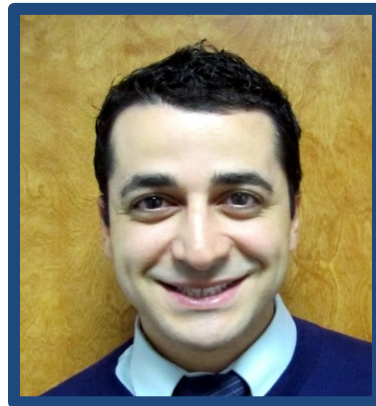
Prior Ben Fox Fellows



Itai Gans
2012-2013

Current position:

Director of Cartilage Restoration and Joint Preservation, Sports Medicine Surgeon, Premier Orthopaedics



Wajdi Kanj
2011-2012

Current position:

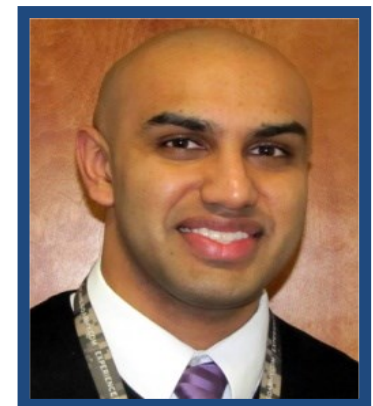
Hand and Extremities Surgeon, Newton Wellesley Orthopaedic Associates



David Ramski
2011-2012

Current position:

Orthopaedic Surgeon, St. Luke's University Health Network



Neeraj M. Patel
2010-2011

Current position:

Sports Medicine Surgeon, Lurie's Children Hospital, Chicago, IL



Nicholas A. Beck
2010-2011

Hand Surgeon, Billings Clinic, MT



Robert A. Miller
2009-2010

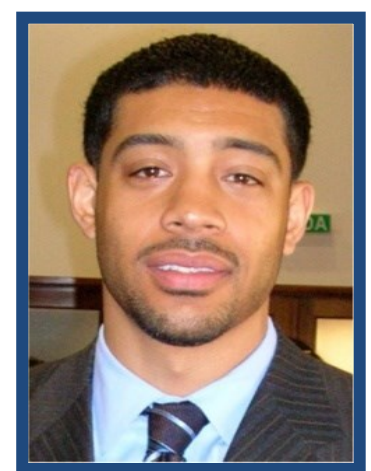
Radiologist, Crozer Chester Medical Center, Upland, PA



Matthew R. Garner
2008-2009

Current position:

Orthopaedic Trauma surgeon, Penn State Hershey Bone and Joint Institute, PA



Kristofer J. Jones
2007-2008

Head Team Physician and Director of Orthopaedic Surgery for the Los Angeles Lakers (NBA) & Team Physician for the UCLA Bruins athletic teams

Ben Fox Activities



2009-2010 Ben Fox Fellow, Nicholas Beck and Dr. Ganley at a Philadelphia Eagles game



2011-2012 Ben Fox Fellows with Dr. Flynn, Dr. Ganley, and Sharon Farrell, MSN, CRNP, at the end of the year Fellows Dinner at Citizens Bank Park



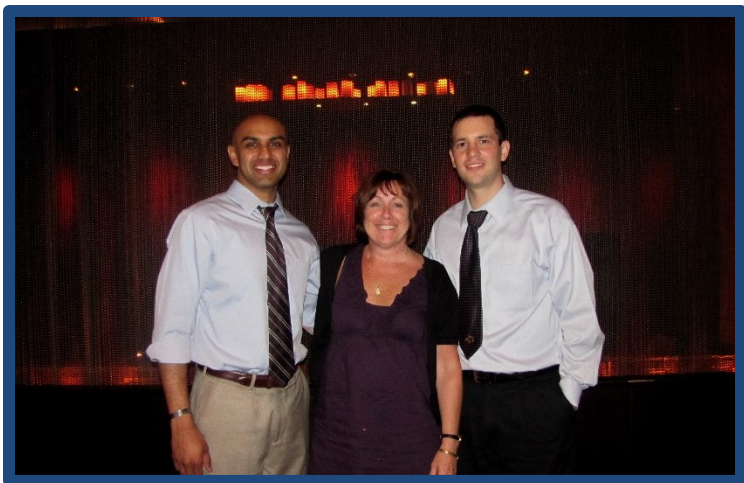
2012-2013 Ben Fox Fellows and International Research Fellows in Orlando, Florida for the 2012 IPOS Meeting



2014-2015 Ben Fox Fellows with Dr. Sankar and his son Kamran at the 2014 Holiday Party



Ben Fox Activities



2010-2011 Ben Fox Fellows with nurse practitioner Sharon Farrell at the 2010 Holiday Party



Dr. Ganley and Dr. Flynn with 2013-2014 Ben Fox Fellows, Chrissy Goodbody and Afam Nduaguba



2014-2015 Ben Fox Fellows, Joe Yellin and Alex Gornitzky, at the FDA Reviewers Pediatric Spine Course which they attended and helped coordinate



2015-2016 Ben Fox Fellows Chris Brusalis and Christian Refakis with Dr. Ganley and Clinical Research Coordinator Eileen Storey at a conference

