

THE OHIO STATE UNIVERSITY

Department of Orthopaedics

Orthopaedic Residency Program



THE OHIO STATE UNIVERSITY

WEXNER MEDICAL CENTER



Joel Mayerson, M.D.
Program Director
Director, Division of Orthopaedic Oncology
Professor,
Department of Orthopaedics
The Ohio State University

Faculty

Michael Anthony, D.P.M.
Said Atway, D.P.M.
Hisham Awan, M.D.
Jonathan Barlow, M.D.
Julie Bishop, M.D.
Anne Marie Chicorelli, M.D.
Carl Coleman, M.D.
David Flanigan, M.D.
Kanu Goyal, M.D.
Andrew Glassman, M.D.
Yazeed Gussous, M.D.
Jeffrey Granger, M.D.
Adam Groth, M.D.
Ryan Harrison, M.D.
Sonu Jain, M.D.
Grant Jones, M.D.
Christopher Kaeding, M.D.
Safdar Khan, M.D.
Steven Lavender, Ph.D.
Craig Lehrman, M.D.
Alan Litsky, M.D., Sc.D.
Mengnai Li, M.D.
Thuan Ly, M.D.
Robert Magnussen, M.D.
Maurice Manring, Ph.D.
Joel Mayerson, M.D.
Timothy Miller, M.D.
Erik Monson, D.P.M.
John Roberts, M.D.
John Ryan, M.D.
Thomas Scharschmidt, M.D.
John Sharkey, M.D.
Michael Todd, D.O.
William K. Vasileff, M.D.
Elizabeth Yu, M.D.

W elcome to the Department of Orthopaedics

Excellence in patient care, research, and education is the overall goal of the Department of Orthopaedics at The Ohio State University. The residency training is committed to a process of maturation in the pursuit of knowledge, and the development of intellectual capacity leading to a life-long commitment to the fundamentals of a career in orthopaedic surgery. Centers of emphasis have been created in joint replacement surgery, trauma, hand and upper extremity, foot and ankle, and spine, allowing the Resident to explore the subspecialties of Orthopaedics. This experience is not exclusive but is well blended with general orthopaedic providing a more global experience. Research, both clinical and laboratory, is expected and encouraged. The resident participates in educational conferences that are both didactic and Interdependent. An independent study model allows the resident to pursue basic information assimilation via electronic media. Periodic testing evaluates the progress status of the resident's educational experience.

The Department of Orthopaedics at The Ohio State University is committed to a Teaching program that includes both a basic science and a clinical curriculum that allows the resident participants to be involved with approximately fifty (50) orthopaedic surgeons. The attendings are based at the University Hospitals, Riverside Hospital, Children's Hospital, and Grant Medical Center. Obviously, the residents are exposed to a wide spectrum of academic and private practice orthopaedic surgery opportunities. The variety of styles in the management of orthopaedic problems, surgical indication, patient/physician relationships, charting/documentation, and billing methods that exist in this broad spectrum of practices offers an experience that is truly a mosaic.

Residents are treated as individuals, are encouraged to develop excellence, are held accountable for their personal professional development, and finally, have the great reward of knowing that they are part of an ongoing process of inquiry and discovery. Musculoskeletal health and well-being will continue to grow in demand, requiring practitioners committed to excellence in patient care, the quest to

E ducational Mission

The training faculty members of The Ohio State University Orthopaedic Residency Program are committed to the education of all residents and wish to prepare these physicians to function as well-qualified, independent specialists in orthopaedics. We believe that residents require training in basic science, and clinical care as it relates to orthopaedics. Our role as educators is to instill residents with those traits essential to success including honesty and integrity, objectivity, self-motivation, curiosity, timeliness, and a sense of responsibility.

The Orthopaedic Faculty

The Department of Orthopaedics is comprised of eight subspecialty divisions; Foot and Ankle, General Orthopaedics, Hand and Upper Extremity, Joint Reconstruction, Musculoskeletal Oncology, Orthopaedic Trauma, Spine Surgery, and Sports Medicine.

Faculty in each of these divisions are both full and part-time and are geographically based at OSU, OSU East, Riverside Methodist Hospital, Children's Hospital, and Grant Hospital. There are currently 15 full time faculty members who are engaged in resident teaching in hospitals throughout the community. The teaching staff is also complemented by 29 additional orthopaedists who hold clinical faculty appointments within the Department. Finally, approximately 25 additional training faculty within the community who do not hold faculty appointments also participate in the training of the orthopaedic residents.

Orthopaedic Conferences



Educational conferences for residents take place at OSU and at all affiliated hospitals on an almost daily basis. Residents rotating at affiliated hospitals are required to participate in the conferences sponsored by the orthopaedic department at that hospital. However, once a week all OSU Ortho residents gather together for Friday conferences. This includes Grand Rounds, Teaching Conference and Fracture Conference.

Four hours of each Friday are dedicated "education" time and all residents are excused from duties in order to attend. Grand Rounds topics vary and include monthly morbidity and mortality review as well as a visiting professor lecture each month. Teaching conference topics follow a resident education curriculum which, over the course of the year, covers all topics of orthopaedic importance. These sessions are led by the faculty of the Department of Orthopaedics. Fracture Conference occurs twice a month. The format of this conference is largely case presentations by faculty and residents.

The Department also sponsors a monthly journal club in which all subspecialties of orthopaedics are discussed. There are also subspecialty specific journal clubs which are sponsored by the divisions of the Department.

Residents also participate in research conferences which help them prepare to write and present their research projects and submit them for publication. Anatomy conferences also take place in the summer and fall of each year. All areas of orthopaedic anatomy are dissected and discussed by residents and faculty. Informal OITE review sessions are also organized each year in the fall to help prepare for the OITE exam in November.

The Orthopaedic Residency Program

The Orthopaedic Residency Program is a five-year training program which is fully accredited by the Accreditation Council on Graduate Medical Education. It is currently accredited to accept six residents each year through the match. There is total of 30 residents in the program.

The program's parent institution is The Ohio State University Hospital/Ohio State University Hospitals East. Three additional hospitals, Riverside Methodist Hospital, Columbus Children's Hospital, and Grant Hospital collaborate with the parent institution to provide each resident with complimentary ingredients for a well-rounded orthopaedic educational experience. The affiliation of the four hospitals provides a broad spectrum of musculoskeletal problems and pathology in all ages. A Director of Orthopaedic Education is designated at each affiliated hospital and that person is responsible for education of orthopaedic residents at their hospital. The OSU Residency Program Director supervises the entire program.

The first year (PGY1) consists primarily of rotations in general surgery. The remaining four years of training focus on orthopaedic surgery, both adult and pediatric. The program allows for increased responsibility in terms of both patient care and administration of the program as the resident progresses through the orthopaedic years. Junior residents are required to take in-house call under the supervision of a senior resident. Assignments are generally every third night. Senior residents take home call, also every third night, and are called in to consult with the junior residents as needed. Senior residents ac-



cept the responsibility of supervising and teaching junior residents. This culminates in the final year of residency, all PGY5 residents are considered Chief Residents and are assigned a specific administrative task relative to the residency program.

Goals and objectives for each rotation have been identified and assist the training faculty in evaluating the resident's progress. All residents receive written evaluations upon the completion of each rotation. All residents also meet with the Chairman and/or Program Director semi-annually to evaluate their progress. All evaluations and reviews are kept on file permanently and are available for the resident to peruse at any time. Participation in the annual Orthopaedic In-Training Exam (OITE) is also required for all residents, including PGY1's.

As the OSU Medical Center is a teaching hospital with an affiliated college of medicine, orthopaedic residents are also given the responsibility of teaching the nearly one hundred 3rd and 4th year medical students who rotate through orthopaedics each year.

Research is also an important component of the Orthopaedic residency program. Each resident is required to complete, present, and submit an abstract for publication before leaving the program. Research projects are presented at the annual Mallory-Coleman Research Day. Ample time is provided to the residents throughout the residency program to complete their project.

Several benefits are extended to the resident from the both the hospital and the department. In addition to routine patient care services such as transportation, transfusion, etc., the medical center also provides the residents with state of the art call room facilities, meal stipends, lab coats, and laundry and dry cleaning services. In addition, the Department provides time off for vacations as well as financial support and time off to attend national conferences.

Our graduates are spread all over the country. Over 90% of our residency graduates go on to fellowships and then into private practice. Additionally, 98% of our graduates pass Part I of the Boards on the first try. Approximately 85% pass Part II on the first attempt.

Residency Program by Year

P *PGY-1 Year*

The goal of the PGY1 year, is first and foremost, to develop in each resident the knowledge and skills necessary to become proficient in the evaluation and management of adult and pediatric patients with surgical problems. While developing basic surgical and technical skills is also an important component of the PGY1 year, the focus is on learning what is required to take excellent care of patients.

PGY1 residents rotate through a diverse set of assignments that introduce the resident to the surgical decision-making process. The assignments are as follows:

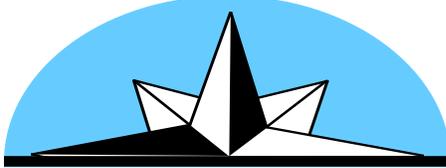


PGY1 Rotations

- 3 Blocks—Adult Orthopaedics (Trauma)**
- 1 Block—Orthopaedics (Hand)**
- 1 Block—Orthopaedics (Spine)**
- 1 Block Pediatric Orthopaedics**
- 1 Block—Radiology/Surgical Skills**
- 2 Blocks—Acute Care Surgery**
- 2 Blocks—SICU**
- 1 Block—Plastic Surgery**
- 1 Block—Emergency Medicine**

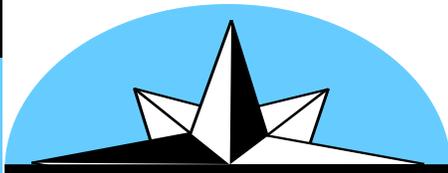
P *PGY-2 Year*

The PGY2 Year is divided between University Hospital (10 months) and Children's Hospital (2 months). It is our philosophy that residents at the beginning of their training should develop the proper thought processes, the foundation to obtain a good history, the basics of physical examination, and the general principles and manifestations of musculoskeletal diseases. We believe this is best accomplished at the institutions where the staff is most adept at this type of teaching, where time is available for this type of teaching, and where the clinical material lends to this emphasis. For example, the nature of pediatric orthopaedics is ideal for this purpose. This subspecialty usually has a multitude of presentations of musculoskeletal disease states, a variety of etiologies, and a varied clinical presentation. Each facet requires good history and physical examination skills, experience in many different surgical methods, good surgical techniques, knowledge and judgment for institution and timing of conservative management. By the end of the PGY-2 year the residents have acquired a reasonable amount of knowledge of orthopaedic disorders and treatments.



PGY2 Rotations

- Float**
- Ortho Oncology**
- Orthopaedic Trauma**
- Pediatric Orthopaedics**
- Hand and Upper Extremity**
- Sports/East**



PGY3 Rotations

OSU Rotations

General Orthopaedics

Adult Reconstruction

Shoulder/Elbow

Spine

Riverside Rotations

Sports

Foot & Ankle

PGY-3 Year

The PGY3 Year is devoted to increasing the resident's knowledge base and improving surgical skills and techniques. For this reason, we provide the residents with a large volume of surgical procedures and a multitude of faculty members. This combination enables each resident to do cases in a variety of different ways, provides a graduated responsibility for patient care, and a role in the decision-making process.

This year of training takes place at both OSU and Riverside. Eight months are spent at OSU and 4 months are spent at Riverside.



PGY 4 Rotations

Foot & Ankle

Pediatric Orthopaedics

Orthopaedic Oncology

Spine

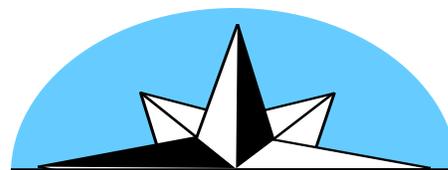
Sports Medicine

PGY-4 Year

Each resident by the end of the third year should have a very good knowledge of orthopaedics and should have been exposed to most orthopaedic disorders and treatment modalities. The last two years of training are devoted to fine tuning these skills, in-depth training, and gradually more patient responsibility and decision making. The third year is composed of four months at Columbus Children's Hospital and eight months at University Hospital. At this time in the training program, as early "seniors", residents are responsible for cases, teaching the junior residents (PGY-2 & PGY-3), and medical students.

P **GY-5 Year**

In the final year of the residency program (PGY-5), the resident spends ten months at the University Hospital and two months at Riverside on the shoulder service as a chief resident in adult orthopaedics. The ten months as a PGY5 at OSU involves rotating as a chief resident through the University Hospital. These residents oversee all junior residents that are based at OSU. Chiefs are also directly responsible for the prison clinic and supervise the day to day logistics such as coverage in the clinics as well as in the operating rooms of the individual attendings on staff.



PGY5 Rotations

OSU Rotations
Orthopaedic Trauma
Hand Surgery
Adult Reconstruction
Resident Clinic

Riverside Rotation
2 months—Shoulder



Benefits Overview

Institutional/University

- ✓ Competitive Salary
- ✓ Comprehensive Medical, dental, & vision
- ✓ Disability coverage
- ✓ Retirement plans
- ✓ Flexible spending accounts
- ✓ Malpractice Insurance (\$1,000,000 per occurrence)
- ✓ On-call meal stipend
- ✓ On-call suites
- ✓ Two lab coats per year
- ✓ Laundering of lab coats
- ✓ Limited dry cleaning services

Departmental

- ✓ 3 Weeks paid vacation
- ✓ One week professional leave with pay for attendance at National or International conference
- ✓ Stipend of \$1500 or \$2200 each year to attend national/international conference

Affiliated Hospitals

The Ohio State University Hospitals and Clinics are fully owned and operated by the Ohio State University. Included in this is the Arthur G. James and Richard G. Solove Cancer Hospital and Research Center and the Ohio State University Hospitals East. The main hospital is a tertiary referral center with a Level I Trauma designation.

www.osumedcenter.edu

Riverside Methodist Hospital and Grant Medical Center are large, active hospitals located within miles of the OSU Medical Center. Orthopaedic Residents rotate through Riverside during their 3rd and 5th years. The orthopaedic teaching staff at Riverside and Grant consists of approximately twenty-five physicians.

www.ohiohealth.com

Nationwide Children's Hospital is the only children's hospital in central Ohio. It is also a Level I Trauma Center. Orthopaedic residents rotate through Children's during their 1st, 2nd, 4th and 5th years. Residents from the Mt. Carmel Orthopaedic residency program also rotate through Children's. The orthopaedic teaching staff at Children's consists of approximately ten physicians.

<http://www.nationwidechildrens.org>

Applying for the Residency Program

Applications for the residency program are accepted through ERAS only.

The usual deadline for applications is October 15. Interviews are held in Columbus during November, December, and January. Approximately 75 applicants are selected for an interview.

The following must be submitted with your ERAS application in order to be considered for our program:

- * ERAS Common Application Form
- * CV
- * Personal Statement
- * Letter of recommendation from the Program Director of Orthopaedics at your institution
- * 2 Additional letters of recommendation
- * Dean's Letter
- * Transcript
- * USMLE or NBME exam scores

For more information...

Please visit our website at www.ortho.ohio-state.edu for more information on the residency program or contact the residency coordinator at (614) 293-6194.

We're on the web
www.ortho.ohio-state.edu

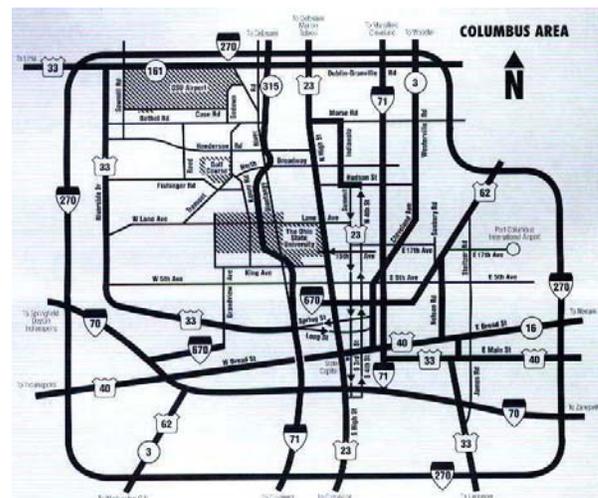


About Columbus

Columbus is the largest city in Ohio, the 15th largest in the United States and the fastest growing city in the northeast quadrant. Columbus has a population of more than 700,000 residents and a metropolitan area of more than 1.5 million people. It is within 550 miles of more than one half of the nation's population, meaning Columbus is less than one day's drive for many U.S. residents. Columbus is a financially prosperous community. Of the nation's 25 largest cities, only Columbus and Dallas, Texas, have achieved a AAA rating from both Moody's and Standard and Poor's.

Columbus is home to countless cultural and sporting events. The Columbus Symphony Orchestra, Ballet-Met, the Columbus Association of Performing Arts and COSI, the Center for Science and Industry are just a few of the cultural organizations which thrive in Central Ohio. Columbus also hosts two major league sports franchises, the Columbus Crew Major League Soccer and the newest franchise in Major League Hockey, the Columbus Blue Jackets. Columbus is proud to host the Memorial Golf Tournament at Muirfield Village and the New Albany Classic LPGA tournament. Then of course, there are the Ohio State Buckeyes, who excel in all NCAA sports. Go Bucks!

Columbus is also home to several leading institutions of higher education. The Ohio State University, Franklin University, Capital University Law School, Otterbein University, Ohio Dominican, and Columbus State all offer first class education to thousands of students each year.





THE OHIO STATE UNIVERSITY

WEXNER MEDICAL CENTER

College of Medicine and Public Health
 Department of Orthopaedics
 725 Prior Hall
 376 W. 10th Ave.
 Columbus, OH 43210
 456 W. 10th Ave.
 Columbus, OH 43210

Phone: 614-293-6194
 Fax: 614-293-3596
 Email: Julia.Panzo@osumc.edu
 Web: www.ortho.ohio-state.edu