



ORTHOPAEDIC SURGERY





THANK YOU FOR YOUR INTEREST IN THE ORTHOPAEDIC SURGERY RESIDENCY PROGRAM AT WESTERN MICHIGAN UNIVERSITY SCHOOL OF MEDICINE (WMed).

On behalf of our faculty, staff, and residents, I would

like to welcome you to the first step in your residency search. This is an exciting time in your medical career—a time to discover what area of medicine you wish to pursue and what program will provide you with the best training in your chosen field in an environment you can call home. I hope the information provided will help you determine if the Orthopaedic Surgery Program at WMed is the right place for you.

Enclosed is a brief summary of the residency program including information on our curriculum, faculty, and the application process. More detailed information about the program and the community can be easily accessed on our website: med.wmich.edu.

If you have specific questions or would like additional information, please feel free to contact us at (269) 337-6250. We will be happy to assist you in meeting your specific needs.

Let us know how we can help.

Sincerely,

Dale E. Rowe, MD

Chair and Program Director

Department of Orthopaedic Surgery

Western Michigan University School of Medicine

EXCELLENCE IN ORTHOPAEDIC SURGERY

THE CURRICULUM

You will benefit from the wealth of adult and pediatric orthopaedic experiences available under the guidance and teaching of the full-time faculty and all orthopaedic surgeons practicing in the community. Providing ample opportunity for primary responsibility of patient management, an active clinic service gives broad exposure with clinics for children, hand, spine, adults, fracture (adult and pediatric), multiple handicapped, myelodysplasia, diabetic foot, and scoliosis, as well as specific in-house rotations in total joint and sports medicine.

Your first year of training will meet the requirements of the American Board of Orthopaedic Surgeons, giving you a solid foundation in a broad range of basic medical specialties, followed by four years of approved orthopaedic training. With the exception of an optional two-month elective period, the residency training occurs at our two partner institutions: Borgess Medical Center and Bronson Methodist Hospital.

ROTATION SCHEDULE

YEAR I

General Surgery	1 month
Anesthesiology	1 month
Neurosurgery	1 month
Orthopaedic Surgery	6 months
Pediatric Surgery	1 month
Plastic Surgery	1 month
Trauma Surgery/ICU	1 month

YEAR II

Adult Orthopaedics
Pediatric Scoliosis
Fracture Clinic
Scoliosis
Trauma
Hand
Research

YEAR III

General Orthopaedics
Sports
Foot/Ankle
Joints
Research
Total Arthroplasty
Adult Orthopaedics
Hand

YEAR IV

Spine
Scoliosis
Myelomeningocele
Sports
Pediatrics—General and Trauma
Pediatric Fracture
Pediatric Orthopaedics
Away Elective

YEAR V

Adult Fracture
General and Spine Clinic
Pediatric Orthopaedics
Joints
Trauma Chief Resident
Borgess Chief Resident
Bronson Chief Resident

DIDACTIC CURRICULUM

You will be taught clinical and basic science in regularly scheduled, mandatory sessions four days a week, nine months out of the year. These include dissection of the cadaver in the anatomy lab, with selected and related clinical topics. Monthly topic review supplements an annual visiting professor pathology seminar.

The use of teleconference is a unique feature of our basic science curriculum. We are able to join other orthopaedic residency programs in Michigan for interactive teaching, including formal basic science seminars taught by expert visiting professors. This technology allows presenters to reach several orthopaedic residency audiences at once and residents to interact with one another from their home campuses without traveling.

A biannual visiting professor program augments grand rounds, which are held twice weekly. To develop competence in critical assessment of medical literature, you will have specific journal articles assigned to you and your faculty mentor for discussion at a monthly journal club dinner.

Beginning your second year, you will attend at least one subsidized national meeting annually. Third year residents attend a required orthotics and prosthetics course, while junior residents attend an annual statewide AO fracture management workshop hosted by WMed and sponsored by



RESEARCH

Research is an important component of our program. You will be taught the basics of research design, project formulation and implementation, evaluation of data and presentation of a research product.

You will be expected to complete at least one project by the end of the PGY-IV year. The project should be presented at that year's WMed annual community research day. Residents are also encouraged to submit their papers for presentation at regional and national meetings, depending on the project.

You will be expected to prepare and submit a manuscript of your research project for publication during your fifth year. A faculty advisor will work with you on each project and help you develop the proposal, perform the study, and analyze the result, as well as instruct you on scientific process, presentation techniques, and manuscript preparation. The department has a research assistant to facilitate your research and manuscript preparation.

Synthes North America. Attendance at meetings for research presentations is fully subsidized and strongly encouraged.

Under faculty leadership, you will participate in teaching WMU medical students at the Kalamazoo campus as well as students from other medical schools taking the orthopaedics and allied health clerkships through WMed. Regular rotations of residents from WMed's eight other residency programs through orthopaedics provide further opportunities to share clinical research expertise.

THE APPLICATION PROCESS

We accept applications through the Electronic Residency Application Service (ERAS). Completed applications are reviewed by our recruitment committee for interview selection and must include the following items:

- ERAS application
- Medical school transcript
- USMLE score reports
- Dean's letter
- Letters of recommendation (3)

Because we offer a limited number of interview slots, we encourage students to apply early. Applicants selected to interview will be contacted by the Residency Program Coordinator for Orthopaedic Surgery.

THE INTERVIEW

Interviews are conducted on selected Thursdays and Saturdays in November and December.

Our interview day begins with a breakfast and introduction to WMed and the Kalamazoo community. Throughout the day, applicants interview with the program director and faculty, meet with residents, tour Borgess Medical Center and/or Bronson Methodist Hospital, and visit the community. In the evening, applicants and residents gather for dinner at one of Kalamazoo's finest restaurants.

From experience with our own medical students, we know that budgets can be limited. To help offset some of your interviewing expenses, WMed is pleased to provide one night complimentary hotel accommodation and some meals during your visit.

We think you will agree that Kalamazoo is a great place to live, and that WMed is a great place to train. We look forward to hearing from you!

CONTACT US

orthosurg@med.wmich.edu

THE FULL-TIME FACULTY

■ **Dale E. Rowe, MD**
Chair and Program Director
Professor of Orthopaedic Surgery
Medical School:
Wayne State University
Detroit, Michigan

Residency:
Wayne State University, Orthopaedics
Detroit, Michigan

Fellowship – Spine Surgery:
Rancho Los Amigos Hospital /
University of Southern California
Downey, California

■ **Joseph L. Chess, MD**
Associate Director
Assistant Professor

Medical School:
Georgetown University
Washington, DC

Residency:
Henry Ford Hospital, Orthopaedics
Detroit, Michigan

■ **Vani J. Sabesan, MD**
Assistant Professor

Medical School:
Indiana University School of Medicine
Indianapolis, Indiana

Residency:
Duke University Medical Center,
Orthopaedic Surgery
Durham, North Carolina

Fellowship – Shoulder and Elbow Surgery
Cleveland Clinic
Cleveland, Ohio

Doris Duke Clinical Research Fellowship
in Orthopaedic Surgery
University of Iowa
Iowa City, Iowa

■ **Karen Bovid, MD**
Assistant Professor

Medical School:
University of Michigan
Ann Arbor, Michigan

Residency:
University of Michigan Hospitals
Orthopaedic Surgery
Ann Arbor, Michigan

Fellowship – Pediatric Orthopaedic Surgery
Children's Healthcare of Atlanta
at Scottish Rite
Atlanta, Georgia

■ **Peter A. Gustafson, PhD**

Research and Bioengineering Educator
Adjunct Assistant Professor
S.B. Mechanical Engineering

Massachusetts Institute of Technology
Cambridge, Massachusetts

M.S. Aerospace Engineering
University of Michigan
Ann Arbor, Michigan

PhD Aerospace Engineering
University of Michigan
Ann Arbor, Michigan

Assistant Professor of Mechanical Engineering
College of Engineering and Applied Science
Western Michigan University



WESTERN MICHIGAN UNIVERSITY
SCHOOL OF MEDICINE

THE CLINICAL FACULTY

Grant Bowman, MD
Quinter Burnett II, MD
David Christ, MD
Joshua Ellwitz, MD
Scott Free, MD
David Gerstner, MD
Robert Gorman, MD
Alan Halpern, MD
Kenneth Highhouse, MD
Robert Highhouse, MD
Michael Kasten, MD
Jeffrey King, MD
Steven Kokmeyer, MD
Robert Morren, MD

Mark Noffsinger, MD
Todd Ream, MD
Jason Roberts, MD
Bernard Roehr, MD
Bruce Rowe, MD
Todd Ruiter, MD
Thomas Ryan, MD
James Smith, MD
Mark Sytsma, MD
Christopher Uggen, MD
Cameron Vanlaningham, MD
Mark Veenstra, MD
Thomas Willmeng, MD
Amy Woznick, MD



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