

## ORTHOPAEDIC SURGERY





**THANK YOU FOR  
YOUR INTEREST IN  
THE ORTHOPAEDIC  
SURGERY RESIDENCY  
PROGRAM AT  
WESTERN MICHIGAN  
UNIVERSITY HOMER  
STRYKER M.D.  
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](http://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,

**Keith Kenter, MD**

*Chair and Professor*

*Department of Orthopaedic Surgery*

*Western Michigan University*

*Homer Stryker M.D. 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 service gives broad exposure with clinics for children, adults, hand, foot, spine, fracture (adult and pediatric), multiple disabilities, myelodysplasia, and scoliosis, adult reconstruction and sports medicine.

Your first year of training will meet the requirements of the American Board of Orthopaedic Surgery, 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-block elective period, the residency training occurs at our two partner institutions: Borgess Medical Center and Bronson Methodist Hospital. Our rotation schedule is divided into 13 four-week-long “blocks.”

### ROTATION SCHEDULE

#### Year I

Orthopaedic Surgery	6 blocks
General Surgery	1 block
Pediatric Surgery	1 block
Plastic Surgery	1 block
Anesthesiology	1 block
Neurological Surgery	1 block
Trauma Surgery	1 block
Musculoskeletal Radiology	1 block

#### Year II

General Orthopaedics	5 blocks
Hand & Upper Extremity	2 blocks
Research	1 block
Orthopaedic Trauma	4 blocks
Foot & Ankle	1 block

#### Year III

General Orthopaedics	3 blocks
Joint Reconstruction	2 blocks
Foot & Ankle	2 blocks
Research	2 blocks
Hand & Upper Extremity	1 block
Sports Medicine	2 blocks
Shoulder	1 block

#### Year IV

Away Rotation (Elective)	0-2 blocks
Orthopaedic Trauma	1 block
Spine Adult	2 blocks
Spine Pediatric	2 blocks
Pediatric Orthopaedics	4 blocks
General Orthopaedics	2-4 blocks

#### Year V

General Orthopaedic Chief	8 blocks
Orthopaedic Trauma Chief	4 blocks

### 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. Simulation techniques are being integrated into the program, conducted in the new state-of-the-art simulation center located on the W.E. Upjohn M.D. campus.

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 complete a required orthotics and prosthetics course, while junior residents attend an annual statewide AO fracture management workshop hosted by WMed and sponsored by DePuy Synthes North America. Attendance at meetings for research presentations is fully subsidized and strongly encouraged.

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

## 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 project.

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.

## 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 an introduction to WMed and the

Kalamazoo community. Throughout the day, applicants interview with the program director and faculty, meet with residents, and tour Borgess Medical Center and/or Bronson Methodist Hospital. The evening before interview day, applicants and residents gather for a mixer and casual dinner at one of Kalamazoo's downtown 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

## OUR FACULTY

### Western Michigan University Homer Stryker M.D. School of Medicine

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#### Keith Kenter, MD

*Chair and Professor*  
Shoulder Reconstruction & Sports Medicine

#### Joseph L. Chess, MD

*Interim Program Director*  
*Assistant Professor*  
Orthopaedic Trauma

#### Karen M. Bovid, MD

*Assistant Professor*  
Pediatric Orthopaedics

### Western Michigan University

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#### Peter A. Gustafson, PhD

*Research & Bioengineering Educator*  
*Adjunct Assistant Professor*  
Assistant Professor of Mechanical Engineering,  
College of Engineering  
& Applied Science

### Borgess Orthopaedics

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**James Jastifer, MD;** Foot & Ankle  
**Mark Noffsinger, MD;** Adult Orthopaedics  
**Todd Ream, MD;** Adult Orthopaedics  
**Todd Ruitter, DO;** Hand Surgery  
**Thomas Ryan, MD;** Adult Orthopaedics  
& Joint Surgery  
**Christopher Uggen, MD;** Sports Medicine  
**Cameron Vanlaningham, MD;** Trauma

### Bronson HealthCare Midwest

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**Grant Bowman, MD;** Sports Medicine  
**Quinter Burnett II, MD;** Sports Medicine  
**David Christ, MD;** Adult Orthopaedics  
& Joint Surgery  
**Joshua Ellwitz, MD;** Adult & Pediatric Spine  
**Scott Free, MD;** Adult Orthopaedics  
**David Gerstner, MD;** Hand Surgery  
**Robert Gorman, MD;** Foot & Ankle  
**Kenneth Highhouse, MD;** Sports Medicine  
**Robert Highhouse, MD;** Sports Medicine  
**Michael Kasten, MD;** Spine  
**Jeffrey King, MD;** Hand Surgery  
**Steven Kokmeyer, MD;** Orthopaedics  
& Sports Medicine  
**Robert Morren, MD;** Adult Reconstruction  
& Arthroplasty  
**Jason Roberts, MD;** Trauma  
**Bernard Roehr, MD;** Adult Reconstructive Surgery  
**Bruce Rowe, MD;** Adult Orthopaedics  
& Joint Surgery  
**James Smith, MD;** Hand Surgery  
**Mark Sytsma, MD;** Sports Medicine  
**Amy Woznick, MD;** Hand Surgery

### Michigan Orthopaedic Surgery & Rehabilitation

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**Alan Halpern, MD;** Adult Orthopaedics



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