

UNC Orthopaedic Research Fellowship 2008-2009

Last Updated Wednesday, 14 May 2008

The one-year Orthopaedic Surgery Fellowship at UNC is an exciting and dynamic training program involving the treatment of complex orthopaedic problems, from trauma, total joint arthroplasty, sports medicine, hand, and foot and ankle disorders in adults and kids. There are numerous research opportunities in the acute and reconstructive surgery of the orthopaedic patient. In addition to these opportunities, fellows will be able to observe the treatment of patients with a variety of orthopaedic disorders, including primary and revision fracture repair, the treatment of non-unions, ankle replacements and fusions, complex total joint arthroplasty, foot and hand reconstructions, and bunion surgery. Furthermore, fellows will observe all aspects of orthopedic care via a clinic environment, detailed physical therapy involvement, and orthotic care.

This Orthopaedic Fellowship provides an extensive study of the evaluation and treatment of orthopaedic disorders. The Fellow is an integral part of the orthopaedic service and leaves with an in-depth understanding of the non-operative and operative approaches to fractures and common orthopaedic pathologies, as well as the basic science and biomechanics of joints and long bone injuries. The Fellow is required to become involved in both clinical and basic science research. The Fellow participates in the orthopaedic teaching conferences. The teaching schedule consists of indications conference, journal club and orthopaedic resident lectures.

The UNC Orthopaedic Fellowship is a post-graduate orthopaedic fellowship, twelve months in duration, open to applicants who have completed their orthopaedic residency training. In general, for graduates of USA medical schools or residency programs, we prefer to commence the fellowship by July 1st. However, we have the flexibility to have individuals begin their training either January 1 or July 1, if necessary. For International applicants, all required visa and travel requirements must be processed prior to the start date.

We pay attention to various facets of the applicant's background, their cultural and intellectual attributes, as well as their present and future interests. The goal of a current or future academic position is not a prerequisite of our fellowship. Furthermore, although prior research experience is desired, it is not a prerequisite of our fellowship either. Through clinical excellence, research, and innovation, we will continue to strive for academic excellence.

The services and faculty members at UNC are as follows:

- Adult Reconstruction and Joint Replacement

- o Paul F. Lachiewicz, MD

- o Christopher W. Olcott, MD

- Adult Spine

- o Moe R. Lim, MD

o Sameer Mathur, MD

- Foot and Ankle

o Selene G. Parekh, MD, MBA

o Shep Hurwitz, MD

- Hand and Microsurgery

o Donald K. Bynum, MD

o David Thompson, MD

- Orthopaedic Oncology (Tumors)

o Robert J. Esther, MD

- Pediatric Orthopaedics

o Edmund R. Champion, MD

o Richard C. Henderson, MD, PhD

- Shoulder and Elbow

o R. Alexander Creighton, MD

- Sports Medicine

o R. Alexander Creighton, MD

o Timothy N. Taft, MD

· Trauma

o Laurence E. Dahners, MD

o Douglas R. Dirschl, MD

Advanced computer skills are taught throughout the year, including data management, slide show presentations, digital photographic editing, video editing and production, and technical animations. As product design and development from the foot and ankle team is ongoing, the fellow will have the opportunity to learn about patents, intellectual property, and corporate interaction.

The goal of the fellowship is to foster insight, understanding and creativity with respect to all facets of treatment of orthopaedic disorders. This is provided through a thoughtful and provocative experience.

Clinical Staff

The physician leaders of the Orthopaedic Fellowship at UNC are members of the North Carolina Orthopaedic Association and the Research Triangle Park Orthopaedic Society.

Doug R. Dirschl, MD

Frank C. Wilson Distinguished Professor and Chair

Department of Orthopaedic Surgery

University of North Carolina, School of Medicine

Selene G. Parekh, MD, MBA

Research Program Director

Assistant Professor

Department of Orthopaedic Surgery

University of North Carolina, School of Medicine

Adjunct Faculty

Kenan-Flagler Business School

University of North Carolina

Research Staff

Paul S. Weinhold, PhD, Director of Research, Department of Orthopaedic Surgery

Research Associate Professor

Biomechanics Laboratory

Location

The University of North Carolina

Department of Orthopaedic Surgery

CB #7055, Bioinformatics Building

UNC School of Medicine

Chapel Hill, NC 27599-7055

919.966.9073

Application

To apply for this fellowship, please email nancy_rohr@med.unc.edu a cover letter, your CV, and 2 letters of recommendation. The deadline for the application is April 1, 2008. The selected applicant will be notified by April 25, 2008.