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***Table of Contents***

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**Departments**

**Orthopaedics** ..... 1

**Index** ..... 6

## **ORTHOPAEDICS**

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### **BRIEF DESCRIPTION**

The Department of Orthopaedics treats a variety of musculoskeletal diseases and conditions ranging from fractures to complex total joint reconstructions to microvascular and microneural surgery of the limbs. Specialty areas include microvascular surgery of the limbs, orthopaedic oncology, reconstructive surgery for arthritic joints, spinal disorders, musculoskeletal injuries, childrens orthopaedics and sports medicine.

### **HOW TO CONTACT US**

**PHONE** (general information): (919) 962-6637

**PHONE** (appointments): (919) 962-6637

**FAX:** (919) 966-6730

**WEB SITE:** [www.med.unc.edu/wrkunits/2depts/ortho](http://www.med.unc.edu/wrkunits/2depts/ortho)

### **MAILING ADDRESS**

UNC Orthopaedics

CB #7055, Bioinformatics Building

Chapel Hill, NC 27599-7055

### **CHAIR**

Douglas R. Dirschl, M.D.

**H. Robert Brashear, Jr., M.D.**

*Emeritus, Professor*

**Work Phone:** (919) 962-0405

**Procedures/Research:**

Amputees, bone tumors and bone pathology.

**Certifications:**

Orthopaedics - *Board Certified* (1955)

**Medical School:** University of California, San Francisco, CA, 1945

**Residency:** Georgetown University, 1945-1946, Orthopaedic Surgery

University of Pennsylvania, 1949-1951, Orthopaedic Surgery

**Fellowship:** University of Pennsylvania, 1951-1952, Orthopaedic Surgery



**Tom Bush, M.S.N., F.N.P.-B.C.**

*Assistant Professor*

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 843-0667

**Procedures/Research:**

General orthopaedics.

**Certifications:**

American Nurses Credentialing Center - *Board Certified* (1993)

**Nursing:** Vanderbilt University, 1992

**AD:** University of Kentucky, 1981-1985, Nursing



**Donald K. Bynum, Jr., M.D.**

*Professor*

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-9079

**Procedures/Research:**

Hand surgery, peripheral nerve surgery, microvascular surgery, joint replacement, foot surgery.

**Certifications:**

Orthopaedic Surgery - *Board Certified* (1985)

**Medical School:** University of Texas, Houston, TX, 1976

**Residency:** Duke University, 1976-1978, General Surgery

Duke University, 1978-1982, Orthopaedic Surgery

**Fellowship:** Duke University, 1982-1982, Hand & Microvascular Surgery



**Edmund R. Campion, M.D.**

*Professor*

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-9066

**Procedures/Research:**

Pediatric orthopaedics, sports medicine, orthopaedic traumatology, scoliosis, cerebral palsy.

**Certifications:**

Orthopaedic Surgery - *Board Certified* (1994)

**Medical School:** Dartmouth College, Hanover, NH, 1981

**Residency:** University of North Carolina, 1985-1990, Orthopaedic Surgery

**Fellowship:** AI duPont Institute, 1990-1991, Pediatric Orthopaedics/Sports Medicine



**Patricia M. Cary, M.B.A.**

*Assistant Chair of Administration*

**Work Phone:** (919) 966-4540

**MBA:** Elon College, 1997



**R. Alexander Creighton, M.D.**

*Assistant Professor*

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-9066

**Procedures/Research:**

Shoulder and elbow, sports medicine.

**Certifications:**

Orthopaedic Surgery - *Board Certified* (2006)

**Medical School:** Medical College of Virginia, Richmond, Virginia, 1998

**Internship:** UNC Hospitals, 1998-1999, General Surgery

**Residency:** UNC Hospitals, 1999-2003, Orthopaedic Surgery

**Fellowship:** Rush University Medical Center, 2003-2004, Sports Medicine



**Laurence E. Dahners, M.D.**

Professor

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-3340

**Procedures/Research:**

Trauma, nonunions, malunions, and complex articular fractures.

**Certifications:**

Orthopaedic Surgery - *Board Certified* (1985)

**Medical School:** University of Arizona, Tucson, AZ, 1978

**Residency:** University of Kansas, 1978-1979, General Surgery

University of Kansas, 1979-1983, Orthopaedic Surgery



**Douglas R. Dirschl, M.D.**

Chair, Frank C. Wilson Distinguished Professor

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-9072

**Procedures/Research:**

Trauma, fracture care, general orthopaedics. Research: Basic science of fracture healing, outcomes following musculoskeletal trauma, reliability in classification of fractures. Correlations between articular injury and the development of arthrosis.

**Certifications:**

Orthopaedic Surgery - *Board Certified* (1995)

**Medical School:** Oregon Health Sciences University, Portland, Oregon, 1988

**Internship:** UNC Hospitals, 1988-1989, General Surgery

**Residency:** University of North Carolina, 1989-1993, Orthopaedic Surgery



**Robert J. Esther, M.D.**

Assistant Professor

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-7130

**Procedures/Research:**

Orthopaedic oncology.

**Certifications:**

Orthopaedic Surgery - *Board Eligible*

**Medical School:** Vanderbilt University, Nashville, TN, 1998

**Residency:** University of North Carolina School of Medicine, 1998-2004, Orthopaedic Surgery

**Fellowship:** Mayo Clinic, 2004-2006, Orthopaedic Oncology



**Ronald D. Graff, Ph.D.**

Assistant Professor

**Work Phone:** (919) 966-0573

**Procedures/Research:**

Chondrocyte cell signaling, mechanotransduction, extracellular matrix, and osteoarthritis.

**Post-Doctoral:** Rutgers University, 1996

**Fellowship:** University of North Carolina, 1998-2004, Arthritis

University of North Carolina, 1995-1998, Biochemistry

Rutgers University, 1992-1995, Neurotoxicology



**Richard C. Henderson, M.D., Ph.D.**

Professor

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-9066

**Procedures/Research:**

Pediatric orthopaedics, scoliosis and cerebral palsy.

**Certifications:**

Orthopedic Surgery - *Board Certified* (1987)

**Post-Doctoral:** University of Chicago, 1978

**Medical School:** University of Chicago, Chicago, IL, 1980

**Residency:** University of Iowa Hospitals and Clinics, 1980-1985, Orthopaedic Surgery



**Shepard R. Hurwitz, MD**

Professor

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-9446

**Procedures/Research:**

Adult patients with foot or ankle problems, amputations of the lower extremity, bone & joint infections.



**Ganesh M.V. Kamath, M.D.**

Assistant Professor

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-9073



**Certifications:**

Orthopaedics - Board Eligible

**Medical School:** Washington University School of Medicine, St. Louis, MO, 1999-2003

**Residency and Chief Resident:** Washington University School of Medicine, 2003-2008, Orthopaedic surgery

**Fellowship:** University of Utah, 2008-2009, Sports medicine

**Stephen N. Lang, M.D.**

Associate Professor; Director, Prompt Care

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-9446



**Procedures/Research:**

Nonoperative general orthopaedics.

**Certifications:**

Orthopaedic Surgery - Board Certified (1973)

**Medical School:** University of Illinois, Chicago, Illinois, 1961-1965

**Internship:** Cook County Hospital, 1965-1966

**Residency:** Duke University Medical Center, 1966-1971, Orthopaedic surgery

**Moe R. Lim, M.D.**

Assistant Professor

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 843-6172



**Procedures/Research:**

Disorders of the adult spine. Specializes in cervical spine and spine trauma.

**Certifications:**

Orthopaedic Surgery - Board Certified (2007)

**Medical School:** Harvard University, Boston, MA, 1999

**Internship:** New York Presbyterian Hospital, 1999-2000, General Surgery

**Residency:** Hospital for Special Surgery, 2000-2004, Orthopaedic Surgery

**Fellowship:** Rothman Institute, Thomas Jefferson University, 2004-2005, Spine Surgery

**Christopher W. Olcott, M.D.**

Assistant Professor

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-3340



**Procedures/Research:**

Total joint replacement surgery involving both primary and revision procedures.

**Certifications:**

Orthopaedic Surgery - Board Certified (1999)

**Medical School:** University of Rochester School of Medicine and Dentistry, Rochester, New York, 1991

**Residency:** Strong Memorial Hospital, 1992-1996, Orthopaedic Surgery

**Fellowship:** New England Baptist Hospital, 1996-1997, Adult Reconstruction

**J. Megan M. Patterson, M.D.**

Assistant Professor

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-7130



**Certifications:**

Orthopaedics - Board Eligible

**Medical School:** Washington University School of Medicine, St. Louis, MO, 1998-2002

**Residency:** Washington University School of Medicine, 2002-2007, Orthopaedic surgery

**Fellowship:** Washington University School of Medicine, 2007-2008, Hand and upper extremity

**Jeffrey T. Spang, M.D.**

Assistant Professor

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-9066



**Procedures/Research:**

Sports medicine

**Certifications:**

Orthopaedic Surgery - Board Eligible

**Medical School:** Wake Forest University, Winston-Salem, NC, 2000

**Internship:** Temple University, 2000-2001, General Surgery

**Residency:** Temple University, 2001-2002, Orthopaedics

University of North Carolina, 2002-2006, Orthopaedics

**Fellowship:** University of Connecticut, 2006-2007, Sports Medicine

**Research Fellowship:** Technical University Munich Sports Medicine, 2007-2008, Platelet influence on tendon healing & double-bundle ACL reconstruction

**Timothy N. Taft, M.D.**

*Professor; Director, Sports Medicine*

**Clinical Appointment Phone:** (919) 962-6637

**Work Phone:** (919) 966-3340

**Procedures/Research:**

Sports medicine, ligament injuries, knee injuries, arthroscopy.

**Certifications:**

Orthopaedic Surgery - *Board Certified* (1976)

**Medical School:** University of Missouri, Columbia, MO, 1969

**Residency:** University of North Carolina, 1969-1974, Orthopaedic Surgery



**Paul S. Weinhold, M.S., Ph.D.**

*Associate Professor*

**Work Phone:** (919) 966-9077

**Procedures/Research:**

Research in orthopaedic biomechanics, tendon overuse injuries and ACL injuries.



**Masters:** Mississippi State University, 1992

**Post-Doctoral:** North Carolina State University, 1996, Biomedical engineering

**Fellowship:** University of North Carolina, 1996-1998, Orthopaedics

**Frank C. Wilson, M.D.**

*Chief Emeritus, Kenan Professor*

**Work Phone:** (919) 962-0405

**Procedures/Research:**

Joint replacement, ankle, and shoulder disorders; medical education; mentoring.

**Certifications:**

Orthopaedic Surgery - *Board Certified* (1966)

**Medical School:** Medical College of Georgia, Augusta, GA, 1954

**Internship:** Grady Memorial Hospital, 1954-1955, Surgery

**Residency:** Columbia-Presbyterian Medical Center, 1958-1959, Orthopaedics

**Residency and Fellowship:** Columbia-Presbyterian Medical Center, 1960-1963, Orthopaedic Surgery



**Index**

---

Christopher W. Olcott, M.D. ....	4	J. Megan M. Patterson, M.D. ....	4	Richard C. Henderson, M.D., Ph.D. ....	3
Donald K. Bynum, Jr., M.D. ....	2	Jeffrey T. Spang, M.D. ....	4	Robert J. Esther, M.D. ....	3
Douglas R. Dirschl, M.D. ....	3	Laurence E. Dahners, M.D. ....	3	Ronald D. Graff, Ph.D. ....	3
Edmund R. Champion, M.D. ....	2	Moe R. Lim, M.D. ....	4	Shepard R. Hurwitz, MD ....	3
Frank C. Wilson, M.D. ....	5	Patricia M. Cary, M.B.A. ....	2	Stephen N. Lang, M.D. ....	4
Ganesh M.V. Kamath, M.D. ....	4	Paul S. Weinhold, M.S., Ph.D. ....	5	Timothy N. Taft, M.D. ....	5
H. Robert Brashear, Jr., M.D. ....	2	R. Alexander Creighton, M.D. ....	2	Tom Bush, M.S.N., F.N.P.-B.C. ....	2