

**J. Douglas Patterson, M.D.**  
**Diplomate of the American Board of Orthopaedic Surgery**  
*Curriculum vitae*

**Certification**      **Board Certified, American Board Orthopaedic Surgery (7/11/03)**  
**Certificate of Added Qualifications in Hand Surgery (CAQSH) (8/7/04)**  
**Board Recertification (Combined Hand) (1/1/14)**

**Appointments:**

**Chief, Christiana Hand & Upper Extremity Section, Department of Orthopaedics (2012-present)**  
**Member, Christiana Orthopaedic Executive Committee (2012-present)**  
**President & Executive Committee member, Delaware Orthopaedic Specialists, (2015-present)**  
**Managing Partner, Orthopaedic Specialists Surgi-Center (2017-present)**  
**President, Orthopaedic Specialists Surgi-Center (2016-present)**  
**Executive Board member, Orthopaedic Specialists Surgi-Center (2004-present)**  
**Clinical Associate Professor, Department of Biomedical Engineering, Widener University (2014-present)**  
**Advisory Board member, Delaware Orthopaedic Specialists (2008-2015)**  
**Managing Partner, Orthopaedic Specialists P.A. (2006-2008)**

**Fellowship**  
**8/00-8/01**

**Harvard Hand & Upper Extremity Fellowship, Boston MA**  
Staff Appointments: Brigham and Women's Hospital, Massachusetts General Hospital, Faulkner Hospital, Boston/Jamaica Plain VA Hospitals  
Clinical Fellow: Boston Children's Hospital

**Residency**  
**7/97-7/00**

**Duke Orthopaedic Residency Program, Durham NC**

Awards                      Duke Orthopaedic Surgery, Award for Excellence in Orthopaedic Research (00)

**7/96-7/97**                      **Harvard Combined Orthopaedic Residency Program, Boston MA**

**Internship**  
**7/95-7/96**

**New England Deaconess Hospital, Boston MA**

**Education**  
**9/90-6/95**

**Harvard University School of Medicine, Boston, MA**  
Doctor of Medicine: *Cum laudae* in the Special Field of Orthopaedic Science

Research                      Carl B. Walter Research Fellow (93-94)  
   Orthopaedic Biomechanics Laboratory, Beth Israel Hospital  
   Research Assistant (93-94)  
   Circadian Rhythm and Sleep Disorders Laboratory, Brigham and Women's Hospital  
   Harvard Medical School Research Fellow (92)

Orthopaedic Biomechanics Laboratory, Beth Israel Hospital

- Awards
- Finalist for New Researcher of the Year, Orthopaedic Research Society (95)
  - Best Overall Presentation - Eastern Student Research Forum (94)
  - Best Scientific Paper Travel Grant to European Student Conference at Charite Hospital, Berlin – Eastern Student Research Forum (94)
  - Roche Laboratories Award for Excellence in Basic Science Research – National Student Research Forum (94)
  - Roche Laboratories Travel Grant for Excellence in Research – National Student Research Forum (94)
  - University of Texas Medical Branch Department of Surgery Award for the Best Paper and Presentation in the Field of Surgery (94)
- Activities
- Surgical Seminar, Co-director, Harvard Medical School (93-94)
  - Harvard Medical School-Boston High Schools Sex Ed. Program (91-92)
  - Vanderbilt Hall Athletic Facility, Staff, Harvard Medical School (91-92)

**9/86-5/90** **Duke University**, Trinity College of Arts and Science, Durham, NC  
Bachelor of Science (Biology): *Magna cum laudae*, GPA 3.75, Rank 55/1201

- Research
- Duke University Research Fellow (86-90)  
Infectious Diseases, Duke University Medical Center, Hospital South
- Awards
- Captain, Duke University Men's Varsity Swim Team (90)
  - Duke University Athletic Association Senior Letter Award (90)
  - Dean's List with Distinction (87-90)
  - Atlantic Coast Conference Honor Roll (87-90)
  - Phi Beta Kappa* National Honor Society (89)
  - Phi Eta Sigma* National Freshman Honor Society (87)
- Activities
- Duke University Men's Varsity Swim Team (86-90)
  - Duke Athletes Against Drugs (90)
  - Surfguard, NPS, Sandy Hook National Recreation Area (86-91)
  - Lifeguard Tournament Team, Sandy Hook National Recreation Area (88-91)
  - U.S. Lifeguard Association Regional Competitor (90,91)
  - U.S. Lifeguard Association National Competitor (90)
  - Emergency Ward volunteer, Riverview Medical Center, Red Bank, NJ (88,89)

## Publications

J.D. Patterson, M. Shea, P. Miller, B. Mitlak, R. Neer, and W.C. Hayes: **Parathyroid Hormone (PTH 1-84) Increases Bone Morphologic and Biomechanical Properties in Estrogen-deficient Rats.** *Transactions of the ORS*, 20-2: 280, 1995.

C.A. Leal, M. Shea, J.D. Patterson, and W.C. Hayes: **Alendronate Therapy Prevents Strength Loss from Osseous Metastatic Defects in a Rat Model.** *Transactions of the ORS*, 20-2: 210, 1995.

P. Kloen, J.D. Patterson, B.I. Wintman, R.M. Ozuma, and G.W. Brick: **Closed Cervical Spine Trauma Associated with Bilateral Vertebral Artery Injuries.** *Archives of Orthopaedic & Trauma Surgery*, 119:478-481, 1999.

J.D. Patterson, C.K. Jones, R.R. Glisson, A.E. Caputo, T.J. Goetz, and R.D. Goldner: **Structural Analysis of Simulated Radial Neck Fracture Fixed with Four Different Devices.** *Journal of Shoulder and Elbow Surgery*, 10-1: 57-61, 2001.

J.D. Patterson and J.R. Urbaniak: **Congenital Hypoplasia of the Ulnar Nerve.** *Journal of Bone and Joint Surgery*, 84-A (5):808-812, 2002.

J.D. Patterson and B.P. Simmons: **Outcomes assessment in carpal tunnel syndrome.** *Hand Clinics*, 18-2:359-363, 2002.

D.Ring, J.D. Patterson, S. Levitz, C. Wang, and J.B. Jupiter: **Both Scanning Plane and Observer Affect Measurements of Scaphoid Deformity .** *Journal of Hand Surgery*, 30-A (4):696-701, 2005.

T Iorio, J.C. Wong, J.D. Patterson and M Rekant: **Olecranon Osteotomy Fixation Using a Novel Device: the Olecranon Sled.** *Tech Hand Up Extrem Surg*, 17-3:151-157, 2013.

## **Presentations**

J.D. Patterson, M. Shea, P. Miller, B. Mitlak, R. Neer, and W.C. Hayes: **Parathyroid Hormone (1-84) Increases Bone Morphologic and Biomechanical Properties in Estrogen-deficient Rats.** [Podium presentations: Eastern (1994, Miami, FL) and National (1994, Galveston, TX) Student Research Forums, and European Student Conference (1994, Berlin, Ger.); Poster presentations: Soma Weiss Research Forum (1995, Boston, MA) and Orthopaedic Research Society (1995, Orlando, FL).

C.A. Leal, M. Shea, J.D. Patterson, and W.C. Hayes: **Alendronate Therapy Prevents Strength Loss from Osseous Metastatic Defects in a Rat Model.** [Podium presentation: Orthopaedic Research Society (1995, Orlando, FL).

S. Levitz, D. Ring, and J.D. Patterson: **Quantitative Three-Dimensional CT Analysis of the Scaphoid.** [Podium and Poster presentations: American Society for Surgery of the Hand (2001, Baltimore, MD).

## **Hobbies/Interests**

Automobile Enthusiast –Member New Jersey Motorsport Park Drivers’ Club, Graduate of Bertil Roos Racing School, Participant and award-winner in multiple Concours Events, frequent attendee of international motorsport events (F1 races in Italy, Belgium, Spain, Canada, USA and Monaco; WRC race in Corsica)

Target Shooting – Life & Endowment Member of NRA, Member of Cumberland Riflemen, Member of Atglen Sportmen’s Club, Member of Long Lake Fish & Game Club

Outdoorsman – backpacking, hiking, canoeing, kayaking, sailing, cross-country skiing, snowshoeing, ice fishing, overlanding, PADI Advanced Open Water SCUBA diver

Family – married in 1996 with three children and multiple “rescue” dogs