

CHRISTOPHER MEAD NICHOLS, M.D., F.A.C.S.

Business Address: Pearl Plastic Surgery
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Date of Birth: July 26th

Citizenship: American and French (Dual)

Languages: English, French and Spanish

Specialty: Plastic & Reconstructive Surgery

Marital Status: Married, Susan Renee Rickman (2-3-2007)

Professional Experience

Pearl Plastic Surgery/Chris Nichols MD PS
Owner and Plastic & Reconstructive Surgeon
January 2009-present

Artistic Plastic Surgery Center, PLLC
Tacoma, WA, *June 2008-January 2009*
Plastic & Reconstructive Surgeon

Medical Training

Residency Plastic and Reconstructive Surgery at Washington University School of
Medicine, St. Louis, MO, *2005-2008*

- Administrative Co-Chief Resident, *2007*

General Surgery at Mary Imogene Bassett Hospital, affiliate Columbia University College of Physicians and Surgeons, Cooperstown, NY, 2001-2005

Research Aesthetic Surgery Research Fellowship, David A. Caplin, M.D., Washington University School of Medicine, St. Louis, MO, 2006-2007

Microsurgery Research Fellowship, Susan E. Mackinnon, M.D., Peripheral Nerve Laboratory at Washington University School of Medicine, St. Louis, MO, 2003-2004

Education

Medical M.D., University of Florida College of Medicine, Gainesville, FL, 2001

- Florida State University Program in Medical Sciences, *early acceptance*
- Laparoscopic Surgery Clerk, Wesley Hospital, Brisbane, Australia, 2001

Undergraduate B.S. in Biology with thesis honors, Florida State University, Tallahassee, FL, 1997

- Pre-doctoral Research Fellow, Department of Microbiology
- Research Diver, Department of Oceanography
- Teaching Fellow, Honors Chemistry II Laboratory
- Florida State University Honors Program Thesis in Microbiology, defense 4/24/1997
- Magna Cum Laude Honors
- National Merit Scholar
- Florida Undergraduate Scholar

Licenses & Certifications

- American Board of Plastic Surgery, *Board Certification* (Certified 11/14/2009 - 12/31/2019)
- Washington State Medical License #MD49126 (expires 7/26/2010)
- Missouri State Medical License # 2005026727
- New York State Medical License # 233907

Hospital Appointments

- Franciscan Health System, appointed 6/19/2008
- MultiCare Health System, appointed 6/4/2008
- Group Health, appointed 6/19/2008

Professional Affiliations

- ASPS Member Candidate, *pending*
- ASPS Resident and Fellows Forum, 2001-2008

Technical Experience

- Basic Maxillofacial Principles and Techniques for Plastic and Reconstructive Surgeons, Northwestern University, Chicago, IL, August 2006

Research, Grants, Presentations and Publications

Awards Plastic Surgery Education Foundation and Academy of Otolaryngology Poster. *Motor Nerve Architecture and Peripheral Nerve Regeneration*, 2007.

Co-Investigator Award, First Prize. *A paradigm Shift From Sensory to Motor Nerve Grafting to Improve Nerve Regeneration*. Plastic Surgery Education Foundation Basic Science Essay Contest, 2007.

American Society for Surgery of the Hand Research Grant (\$9930) *Determinants of Motor Neuron Pathway Specificity*, 2003-2005.

Presentations **Nichols CM**, Kane AA. *Periumbilical Dermolipectomy: A Novel Technique for Abdominoplasty*. Presented at: American Academy of Cosmetic Surgery, Orlando, Florida, January 2008.

Morazadeh A, Borschel GH, **Nichols CM**, Koob J, Hunter DA, Mackinnon SE. *Impact of Sensory and Motor Nerve Architecture in Nerve Regeneration*. Presented at: American Academy of Facial Plastic and Reconstructive Surgery, Washington DC, September 2007.

Nichols CM, Kane AA. *A Novel Technique in Abdominal Dermolipectomy*. Presented at: Washington University Resident Research Symposium 2007.

Moradzadeh A, **Nichols C**, Koob J, Myckatyn TM, Tung T, Hunter DA, Mackinnon SE. *The Role of Motor and Sensory Nerve*

Architecture in Regeneration through Cold Preserved Nerve Grafts. AAHS/ASRM/ASPN Annual Meeting, Rio Grande, Puerto Rico 2007.

Nichols CM, Moradzadeh A, Hunter DA, Mackinnon SE. *Effects of motor versus sensory nerve architecture on regeneration through cold preserved nerve grafts.* Presented at: Washington University Resident Research Symposium 2006.

Nichols CM, Brenner MJ, Fox IK, Tung TT, Hunter DA, Rickman SR, and Mackinnon SE. *Effects of motor versus sensory nerve grafts on peripheral nerve regeneration.* Presented at: Missouri Medical Society Annual Meeting, St. Louis, MO, 2006.

Nichols CM, Luginbuhl RD, Brenner MJ, Rocque B, Hunter DA, and Mackinnon SE. *Use of Modality Matched Autogenous Nerve Material in Peripheral Nerve Repair with Conduits.* Presented at: AAHS/ASRM/ASPN Annual Meeting, Tucson, AZ, 2006.

Nichols CM. *Current concepts and new horizons in the treatment of peripheral nerve injuries: CME course.* Presented at: AAPA 33rd Annual Conference, Orlando, FL, 2005.

Nichols CM, Brenner MJ, Fox IK, Tung TT, Hunter DA, Rickman SR, and Mackinnon SE. *Effects of modality matched nerve grafts on peripheral nerve regeneration.* Presented at: AAHS/ASRM/ASPN Annual Meeting, Fajardo, Puerto Rico, 2005.

Fox IK, **Nichols CM**, Brenner MJ, Hunter DA, Jaramillo A, Wood PM, Mohanakumar T, and Mackinnon SE. *Schwann cell injected cold preserved nerve allografts for reconstruction of the long nerve gap: Preliminary results.* Presented at: AAHS/ASRM/ASPN Annual Meeting, Fajardo, Puerto Rico, 2005.

Snyder A, Fox IK, **Nichols CM**, Hunter DA, and Mackinnon SE. *The Effect of FK506 Preload Treatment on Nerve Regeneration.* Presented at: AAHS/ASRM/ASPN Annual Meeting, Fajardo, Puerto Rico, 2005.

Nichols CM, Brenner MJ, Tung TT, Jensen JN, Hunter DA, Mackinnon SE. *Anti-CD40 Ligand Monoclonal Antibody in Murine Nerve Allografts.* Presented at: Saint Louis Surgical Society 2004.

Nichols CM, Brenner MJ, Fox IK, Tung TT, Rickman SR, Hunter DA, Mackinnon SE. *Effects of motor versus sensory nerve grafts on peripheral nerve regeneration*. Presented at: Washington University Resident Research Symposium 2004.

Friedman, J., Mooney, E., Lippitt, C., and **Nichols CM**. *Reconstruction of excisional wounds of the nose with immediate cadaveric dermal scaffold undergrafting and full thickness autologous skin grafting*. Presented at: Symposium of Advanced Wound Care, Las Vegas, NV, 2003.

Nichols CM, Mooney EK. *Reconstruction of Nasal Defects Using Dermal Undergrafting*. Presented at: Upstate New York Plastic Surgery Society 2003.

Nichols CM, Mooney EK. *Repair of the Superficial Fascial System of the Lower Extremity*. Presented at: Upstate New York Plastic Surgery Society 2002.

Nichols CM, Balkwill, D. *Expression of the traI Gene in Deep Subsurface Microorganisms*. Presented: Florida State University Honors Undergraduate Thesis Defense Committee, FSU Department of Biology 1997.

Invited Reviews **Nichols CM**, Cheng CJ: *An Update on the Evaluation of Wrist Pain*. Missouri Medicine. 103(3) May/June 2006, pp 293-296.

Book Chapters **Nichols CM**, Tung, THH: *Techniques in Tissue Transfer*. In: Urethral Reconstructive Surgery. Chapter 3. Humana Press, Totowa NJ, ed. SB Brandes (Publication Pending).

Publications Perlyn CA, **Nichols CM**, Woo A, Becker D, Kane AA. *Le Premier Siècle: One Hundred Years of Progress in the Treatment of Apert Syndrome*. J Craniofac Surg. 20(3): 801-6, May 2009.

Sakiyama-Elbert SE, McKee A, Ahmad S, Soman NR, Lowe JB, Brenner MJ, Fox IK, **Nichols CM**, Myckatyn TM, Hunter DA, Tung TH, Mackinnon SE. *Effect of Sciatic Nerve Injury on Gene Expression in Ventral Horn, Dorsal Root Ganglia and Sciatic Nerve*. Muscle and Nerve. *In review*.

Moradzadeh A, Borschel GH, **Nichols CM**, Koob J, Hunter DA, Mackinnon SE. *Motor nerve architecture and peripheral nerve regeneration*. Otolaryngology-Head and neck Surg. 137(2) S1: 213, 2007.

Hess JR, Brenner MJ, Fox IK, **Nichols CM**, Myckatyn TM, Hunter DA, Rickman SR, Mackinnon SE. *Use of cold-preserved allografts seeded with autologous Schwann cells in the treatment of a long-gap peripheral nerve injury*. *Plast Reconstr Surg*. 119(1):246-59, 2007.

Snyder A, Fox IK, **Nichols CM**, Hunter DA, Rickman SR, Mackinnon SE. *The neuroregenerative effects of pre-injury FK-506 administration*. *Plastic and Reconstructive Surgery*. 118(2), August 2006, pp 360-367.

Nichols CM, Myckatyn TM, Fox IK, Rickman SR, Mackinnon SE: *Choosing the correct functional assay: A comprehensive assessment of functional tests in the rat*. *Behavioral and Brain Research*. 163(2):143-58, 2005.

Nichols CM, Brenner MJ, Fox IK, Tung TH, Hunter DA, Rickman SR, Mackinnon SE: *Effect of motor versus sensory nerve grafts on peripheral nerve regeneration*. *Experimental Neurology*, 190, 347-355, 2004.

Extracurricular

Varsity Wrestling, 1989-93 (Team Captain: 1991-3)
Varsity Track (Pole Vault) 1991-93
NAUI Scuba Certification 1991
Private Pilot (Single Engine Land: 1992)
Research Diver Certification 1995-7
Alpha Epsilon Delta, 1996-97
Volunteer Equal Access Medical Clinic 1999, 2000
Instructor: Washington University Microsurgery Course 2005, 2006
2nd place Wasabi 1st annual sushi eating contest 2006
2nd place Wasabi 2nd annual sushi eating contest 2007

Special Interests

Snowboarding, kite surfing, SCUBA diving, flying, mountaineering, travel, biking, trikkeing, rollerblading and competitive sushi eating.