

**MARK L. NELSON, M.D.**  
**CURRICULUM VITAE**  
2011

**PERSONAL DATA:**

**Mark L. Nelson, M.D.**

Address: Sound Retina, P.S.  
2245 South 19th Street, Suite 200  
Tacoma, WA 98405  
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**EDUCATION:**

UNDERGRADUATE: United States Military Academy  
West Point, NY  
Bachelor of Science, May 1987

MEDICAL SCHOOL: F. Edward Hebert School of Medicine  
Uniformed Services University of the Health Sciences  
Bethesda, MD  
Doctor of Medicine, May 1993

**MILITARY TRAINING COURSES:**

1999 Advanced Officer Course, Fort Sam Houston, TX  
1994 U.S. Navy Diving Medical Officer Course, Panama City, FL  
1994 Army Flight Surgeon Course, Fort Rucker, AL  
1988 Airborne School, Fort Benning, GA  
1987 Armor Officer Basic Course, Fort Knox, KY

**PROFESSIONAL TRAINING AND EXPERIENCE:**

FELLOWSHIP: Vitreoretinal diseases and surgery, Wills Eye Hospital, Jul 2001-Jun 2003

RESIDENCY: Ophthalmology, Madigan Army Medical Center, Jul 1996-Jun 1999

INTERNSHIP: Transitional intern, Madigan Army Medical Center, Jul 1993-Jun 1994

**ACADEMIC POSITIONS:**

Assistant Professor, Department of Surgery, F. Edward Hebert School of Medicine,  
Uniformed Services University of the Health Sciences, Bethesda, MD, March 2004-  
present

Clinical and surgical instructor for University of North Carolina Ophthalmology  
Residency, Fort Bragg training site, Oct 1999- June 2000

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**EMPLOYMENT HISTORY:**

Apr 2011- Co-founder, Sound Retina P.S., Tacoma, WA  
July 2006-Mar 2011 Chief, Retina Service, Madigan Army Medical Center, Fort Lewis, WA  
July 2006-Dec 2010 Ophthalmology Residency Program Director; Chief, Retina Service, Madigan Army Medical Center, Fort Lewis, WA  
July 2006-Oct 2006 Chief Ophthalmologist, 207<sup>th</sup> Army Head and Neck Surgery Team, 332nd Air Force Theater Hospital, Balad, Iraq  
Aug 2003-June 2006 Vitreoretinal surgeon, Madigan Army Medical Center  
Jul 1999-June 2001 Chief, Refractive Surgery Center/Staff Ophthalmologist, Womack Army Medical Center, Fort Bragg, NC  
Jul 1994-June 1996 Battalion Surgeon, 1<sup>st</sup> Battalion, 1<sup>st</sup> Special Forces Group (Airborne), Torii Station, Okinawa, Japan  
Jul 1987-July 1989 Armor Officer/Tank Platoon Leader, 2<sup>nd</sup> Battalion, 77<sup>th</sup> Armor Regiment, 4<sup>th</sup> Infantry Division, Fort Carson, CO

**LICENSURE AND SPECIALTY CERTIFICATION:**

STATE LICENSES: Oregon, Apr 2005 to present, Washington, Feb 2004 to present; Pennsylvania, April 2001 to present; Wisconsin, November 2003 to present.

BOARD CERTIFICATION: American Board of Ophthalmology, November 2000; recertified Dec 2010

**HONORS AND RECOGNITION:**

**ACADEMIC:**

2011 Selected as an oral board examiner for the American Board of Ophthalmology  
2010 Ophthalmology residency director for program awarded 5 year accreditation by the ACGME Residency Review Committee, the maximum accreditation time allowed  
2009 Golden Apple Award for Madigan Army Medical Center Ophthalmology Residency program for most outstanding faculty/educator  
2008 Recipient of the "A" Proficiency Designator, awarded to the top 5% of physicians in the U.S. Army  
2005 Golden Apple Award for Madigan Army Medical Center Ophthalmology  
2001 Heed Ophthalmic Foundation Fellowship  
2000 99<sup>th</sup> percentile, American Board of Ophthalmology Written Exam  
1999 Winner of the Colonel Robert Skelton award for the outstanding graduating resident in a three or four year program at Madigan Army Medical Center  
1993 99<sup>th</sup> percentile, National Board of Medical Examiners, Step 3  
1992 Alpha Omega Alpha Medical Honor Society (as a third year medical student)  
1992 Dean's Award for receiving Honors in every rotation of MSIII year  
1992 Distinguished Performance Award in Surgery and OB-GYN for the most outstanding student in those fields for the MSIII year  
1991 Distinguished Performance Award in Pathology for the MSII year  
1986 Phi Kappa Phi Honor Society (West Point chapter)  
1983 National Merit Scholar (Honorary)

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### **MILITARY:**

Meritorious Service Medal with two oak leaf clusters, Army Commendation Medal with two oak leaf clusters, Army Achievement medal with three oak leaf clusters, Diving Medical Officer Badge, Flight Surgeon Badge, Parachutist Badge

### **PROFESSIONAL SOCIETIES:**

Association of University Professors of Ophthalmology  
Alpha Omega Alpha Medical Honor Society  
Society of Former Heed Fellows  
American Academy of Ophthalmology  
American Society of Retina Specialists

### **PUBLICATIONS**

1. Solverson DJ, Mazzoli RA, Raymond WR, Nelson ML. Virtual Reality Simulation in Acquiring and Differentiating Basic Ophthalmic Microsurgical Skills. Simulation in Healthcare 2009; 4:98-103.
2. Weichel ED, Nelson ML, Zumbro D. Management of Soldiers' Eye Injuries from Iraq to Home. Retina Today. April 2009:57-60.
3. Nelson ML. A Retina Surgeon's Experiences in the Iraq War. Retina Times 2007; 23:26-27.
4. Tennant MT, Nelson ML, Blade KA, Garg SJ, Lane RG. Proliferative Vitreoretinopathy [letter]. Ophthalmology 2007;114:1793-4.
5. Garg SJ, Nelson M, Kanitkar K, Kleiner R. Subretinal Abscess and Endogenous Endophthalmitis Caused by beta-Lactamase-Positive Moraxella Species. Retina 2006; 26(8):968-9.
6. Chieh JJ, Roth DB, Liu M, Belmont J, Nelson M, Regillo C, Martidis A. Intravitreal Triamcinolone Acetonide for Diabetic Macular Edema. Retina 2005;25:828-34.
7. Lane RG, Nelson ML, Belmont JB. Petalloid Foveal Hemorrhage in a Patient with High Myopia. Archives of Ophthalmology 2004;122:660-661.
8. Garg SJ, Martidis A, Nelson ML, Sivalingam A. Optical Coherence Tomography of Chronic Solar Retinopathy. American Journal of Ophthalmology 2004;137:351-4.

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9. Nelson ML, Tennant MT, Sivalingam A, et al. Infectious and Presumed Noninfectious Endophthalmitis after Intravitreal Triamcinolone Acetonide Injection. Retina 2003;23:686-91.
10. Nelson ML, Martidis A. Managing Cystoid Macular Edema after Cataract Surgery. Curr Opin Ophthalmol. 2003; 14:39-43.
11. Chun BB, Nelson ML, Raymond WR. Okiihiro Syndrome. J Ped Ophth and Strabismus 2001;38(4):235-9.
12. Nelson M, Mader T, et al. Refractive Changes Due to Hypoxia Following LASIK Corneal Surgery. Ophthalmology 2001;108:542-4.
13. Ainbinder D, Parmley V, Mader T, and Nelson M. Infectious Crystalline Keratopathy Caused by *Candida guilliermondii*. American Journal of Ophthalmology 1998;125 (5):723-25.
14. Drucker W, Nelson M, et al. Subcutaneous tissue oxygen pressure: A reliable index of peripheral perfusion in humans after injury. Journal of Trauma 1996;40:S116-22.

**PRESENTATIONS AT INTERNATIONAL AND NATIONAL MEETINGS**

1. Nelson ML. Acute Management of Ocular Trauma in Combat. Macula 2011, January 2011, Philadelphia, PA.
2. Dent AJ, Nelson ML, Thordsen JE. Utilization of Optical Coherence Tomography to Examine the Acute Effects of Intravitreal Avastin on Macular Edema Secondary to Non-ischemic BRVO. American Society of Retina Specialists, October 2008, Maui, Hawaii.
3. Thordsen JE, Cubanski J, Nelson ML, Ho R, et al. Single Intraocular Injection Formulation for Bevacizumab and Triamcinolone Acetonide. American Society of Retina Specialists, October 2008, Maui, Hawaii.
4. Fechter HP, Eiseman A, Johnson AJ, Mazzoli RA, Nelson ML, et al. Ophthalmic War Surgery: Between Iraq and a Hard Place. American Academy of Ophthalmology, October 2007, New Orleans, LA.
5. Garg SJ, Lane RG, Martidis A, Nelson ML. When is Bigger Better? Comparing 20-Gauge, 23-Gauge, and 25-Gauge Vitrectomy. American Academy of Ophthalmology, October 2007, New Orleans, LA.

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6. Nelson ML. Practical Combat Hospital Management of the Open Globe. USUHS Ocular Trauma Course, May 2007, Bethesda, MD.
7. Nelson ML. Trauma and Sympathetic Ophthalmia. Alberta Retina Symposium, March 2007, Jasper, Alberta, Canada.
8. Nelson ML, Hartranft C. Anti-VEGF Drugs for Treatment of Edema Secondary to Central Retinal Vein Occlusions. 21<sup>st</sup> Biennial Walter Reed Ophthalmology Meeting, May 2006, Bethesda, MD.
9. Nelson ML. Management of Central Retinal Vein Occlusions. Alberta Retina Symposium, March 2006, Jasper, Alberta, Canada.
10. Frazier TC, Torres MF, Shere JL, Nelson ML. Late Onset Corneal Haze after Photorefractive Keratectomy in Soldiers Deployed to Afghanistan. American Society of Cataract and Refractive Surgery, March 2006, San Francisco, CA.
11. Davis RW, Nelson ML, Mazzoli RA. LASIK Flap Stability in Ocular Trauma. American Society of Cataract and Refractive Surgery, April 2005, Washington DC.
12. Nelson ML. Visual Field Defects after Vitrectomy. Alberta Retina Symposium, March 2005, Jasper, Alberta, Canada.
13. Shere JL, Dahlhauser K, Nelson ML, Torres M, Fannin L. Intraoperative Stromal Ridge Formation during LASIK Using the Amadeus Microkeratome. American Society of Cataract Surgery, April 2005, Washington DC.
14. Buchanan A, Torres M, Anderson R, Dahlhauser K, Nelson ML. Effect of Mitomycin-C on Postoperative Refraction and Haze after PRK. American Society of Cataract and Refractive Surgery, May 2004, San Diego, CA
15. Frazier TC, McMann M, Nelson ML. LASIK Soldiers in the Field: A Case Report and Discussion of the Initial Diagnosis and Treatment of a Traumatic Flap Dislocation. XXXV International Congress of Military Medicine, August 2004, Washington DC.
16. Carlton D, Nelson M, Torres M, Dahlhauser K. The Relationship between Hinge Location and Early LASIK Flap Complications. American Academy of Ophthalmology, October 2004, New Orleans, FL.
17. Nelson ML. Management of Retinal Angiomatous Proliferation. Alberta Retina Symposium, March 2004, Jasper, Alberta, Canada.

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18. Nelson ML, Tennant MT, Belmont JB, Martidis A, Blade KA, Regillo CD, Sivalingam A. Clinical Findings that Differentiate Pseudoendophthalmitis from Bacterial Endophthalmitis after Injection of Intravitreal Triamcinolone Acetonide. Retina Congress, 2002, San Francisco, CA.
19. Tennant MT, Nelson ML, Martidis A, Shuler MF, Blade KA, Federman JL, Benson WE. Incidence of Persistent, Shallow, Subfoveal Fluid in Eyes that have Undergone Rhegmatogenous Retinal Detachment Repair. Retina Congress, 2002, San Francisco, CA.
20. Nelson ML, Martidis A, Miller DG, Spinak DJ, Federman JL. Intravitreal Triamcinolone Acetonide Injection for Refractory Pseudophakic Cystoid Macular Edema. Retina Congress, 2002, San Francisco, CA.
21. Blade KA, Martidis A, Nelson ML, Belmont JB, Miller DG, Ansari I, Sivalingam A. Intravitreal Triamcinolone Injection for the Treatment of Macular Edema Secondary to Branch Retinal Vein Occlusion. Retina Congress 2002, San Francisco, CA.
22. Martidis A, Nelson ML, Baker B, Duker JS, Reichel E, Rogers AH, Federman JL, Sivalingam A, Belmont JB, Miller DG. Intravitreal Triamcinolone for Refractory Diabetic Macular Edema. Retina Congress 2002, San Francisco, CA.
23. Federman JL, Martidis A, Nelson ML, Belmont JB, Sivalingam A, Miller DG. Intravitreal triamcinolone for refractory diabetic macular edema. Macula Society 2002, Barcelona, Spain.
24. Hubickey WJ, Andreo LK, Benz JV, Nelson ML. Warfighter Refractive Eye Surgery Program Results. American Society for Cataract and Refractive Surgery, June 2002, Philadelphia, PA.
25. Hubickey WJ, Andreo LK, Nelson ML, Benz JV. Warfighter Refractive Eye Surgery Program: Results of Scraping and Mitomycin C for PRK Haze. American Society for Cataract and Refractive Surgery, June 2002, Philadelphia, PA.
26. Nelson ML, Barnes S, et al. Management of a Diffuse Lamellar Keratitis Epidemic Using Sterilizer Modification. American Society for Cataract and Refractive Surgery, April 2001, San Diego, CA
27. Nelson ML, Mader T, et al. Refractive Changes Due to Hypoxia Following LASIK Corneal Surgery. American Society for Cataract and Refractive Surgery, April 1999, Seattle, WA.

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28. Nelson ML, Mader T, et al. Refractive Changes Due to Hypoxia Following LASIK Corneal Surgery. International Hypoxia Symposium, Mar 1999, Jasper, Alberta, Canada.
29. Nelson ML, Krolicki T, et al. Ocular Findings in Toxic Epidermal Necrolysis. American Academy of Ophthalmology, Oct 1997, San Francisco, CA.
30. Nelson ML, Raymond W, et al. Ocular Findings in Robinow Syndrome. Association for Research in Vision and Ophthalmology, May 1997, Ft. Lauderdale, FL.
31. Chun B, Nelson ML, Truxal A, Krolicki T, Grazko M. Activated Protein C Resistance in Ophthalmologic Ischemic Syndromes. North American Neuro-Ophthalmology Society (NANOS), Feb 1999, Snowmass, CO.
32. Hadley S, Nelson ML, et al. Paranasal lymphoma presenting with neuro-ophthalmologic complaints only. NANOS, Feb 1996, Snowbird, CO.

**BOOK CHAPTER/SECTIONS**

Nelson ML. Retina cases. In Gault JA (ed), Ophthalmology Pearls. Philadelphia, PA: Hanley & Belfus, 2003.

**REVIEWER FOR PEER-REVIEWED JOURNAL**

1. Ophthalmology
2. British Journal of Ophthalmology
3. Retina
4. Graefes Archives of Clinical Experimentation in Ophthalmology