

## **Warner W. Carr, MD**

Allergy & Asthma Associates of Southern California  
Southern California Research Center  
27800 Medical Center Road, Suites 240 & 244 | Mission Viejo, CA 92691  
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Off: 949-364-2900 Cell: 949-485-0952

### **PERSONAL DATA**

FULL NAME: Warner W. Carr, MD

### **EDUCATION:**

#### **UNDERGRADUATE:**

B.S., Boise State University  
Major: Biology  
Aug. 1986-June 1991

#### **MEDICAL SCHOOL:**

M.D., University of Washington School of Medicine  
Seattle, WA.  
Sept. 1992-June 1996

### **PROFESSIONAL TRAINING:**

#### **INTERNSHIP and RESIDENCY:**

Internal Medicine, Brooke Army Medical Center, Fort Sam Houston, San Antonio, TX.  
1 July 96-30 June 99

#### **FELLOWSHIP:**

Allergy and Immunology, Walter Reed Army Medical Center, Washington DC  
8 Jul 2002 to 30 June 2004

### **MILITARY TRAINING:**

Chemical, Biological, Radiological and High Yield Explosives training for the Clinician, Officer Advanced Course, Officer Basic Course, Medical Management of Chemical and Biologic Warfare Casualties, Combat Casualty Care Course, Basic Training, Ft Sill, OK 1987, 91A Combat Medic Course, FSH, TX 1987, Professional Leadership Development Course 1990

### **WORK HISTORY / MILITARY ASSIGNMENT HISTORY:**

1. Co- Medical Director, Southern California Research, July 2007-present
2. Partner and VP, Allergy and Asthma Associates of Southern California, July 2007-present
3. Investigator, Div. of Experimental Therapeutics, Walter Reed Army Institute of Research, Jun 2004 to June 2007.
4. Chief of Medicine, 21<sup>st</sup> Combat Support Hospital, Iraq March 2006-October 2006
5. Medical Officer, FDA, CDER, Div. of Pulmonary and Allergy Drug Products, 1 Jan 2005 to 30 Dec 2005
6. Clinical Teaching Staff, Allergy and Immunology WRAMC June 2004 to June 2007
7. Fellow, Allergy and Immunology WRAMC Jul 2002 to June 2004
8. Core Faculty Member for Internal Medicine Residency Program, July 2000- June 2002.
9. Staff, Internal Medicine; Chief, Graduate Medical Education of Internal Medicine Clinics, July 2000- June 2002
10. Staff, Internal Medicine, July 1999- June 2000.
11. House Staff, Internal Medicine, June 1996- June 1999.
12. NCOIC, TMC, 2nd Plt SGT, 1987-1992, Honorable discharge 1992.

#### **MILITARY DUTY LOCATIONS:**

1. Iraq, 21<sup>st</sup> Combat Support Hospital, March –Oct 2006
2. Walter Reed Army Institute of Research, Washington, DC July 2004-June 2007
3. FDA, Rockville, MD Jan 2005-Dec 2005
4. Walter Reed Army Medical Center, Washington, DC July 2002-June 2007
5. William Beaumont Army Medical Center, Ft Bliss, TX July 2000- June 2002
6. Brooke Army Medical Center, FSH, TX June 1996- June 2000
7. Gowen Field, Boise ID, (National Guard) 1987-1992

note: 1992-1996 HPSP medical student. University of Washington School of Medicine

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### **LICENSURE AND SPECIALTY CERTIFICATION:**

#### **CURRENT UNRESTRICTED STATE LICENSE**

State: California	State: Maryland
Number: A98901	Number: D0062093
Expiration: October 31, 2016	Expiration: September 30, 2016

#### **BOARD CERTIFICATION**

1. Allergy and Immunology
2. Internal Medicine
3. ACRP Certified Principle Investigator

### **HONORS AND RECOGNITION:**

#### *Military:*

Bronze Star, Army Achievement Medal x 5, Army accommodation x 6; Army Service Ribbon x 2, Global War on Terrorism ribbon, Iraq War Medal, Public Health accommodation, Student teacher award Dept. of Med. BAMC 1997-98; Certificate of recognition. Bailey K. Ashford Semifinalist, Walter Reed Army Medical Center. Mologne Award for academic excellence June 2004 WRAMC. Army Service Ribbon, Idaho Service Ribbon, Army Achievement Medal, NCO Professional Development Ribbon, National Defense Service Ribbon, Army Reserve Components Achievement Medal.

#### *Medical School:*

Senior election to Alpha Omega Alpha, Merck Award for academic excellence (given to four of 165 seniors), Idaho State Scholarship: junior - senior years. Health Professions Scholarship Program: sophomore-senior. WAMI scholarship for academic achievement and leadership: 1992. Class senator: freshman year. Basic sciences: 11 honors. Clinical rotations: 10 honors

#### *Undergraduate:*

Cum Laude Graduate, National Science Foundation Research fellowship with full stipend: junior year. Department of Biology scholarship (academic achievement award). Sigma Xi Honorary Research Society: elected junior year. Dean's list: semester program, 8 semesters.

### **SPECIAL AWARD AND RECOGNITION:**

1. Lifetime Commissioner of the Orange County Sheriff's Department (July 2014-Present)
2. FBI Citizens Academy, Lifetime Award (April 2015-Present)
3. Distinguished Fellowship Award, ACAAI (Nov. 2015)

### **ACADEMIC APPOINTMENTS:**

1. Reviewer, The Medical Letter, 2012 - Present
2. Deputy Editor of Allergy, American Journal of Rhinology and Allergy. June 2010 to June 2014
3. Clinical Pearls and Pitfalls Section Editor, Allergy and Asthma Proceedings Jan 2005 to June 2014
4. Editorial Board, Allergy and Asthma Proceedings Jan 2005 to present
5. Editorial Board, Allergy & Rhinology, to June 2014
6. Teaching staff, Department of Allergy and Immunology, Walter Reed, July 2004 to June 2007
7. Core faculty member Internal medicine residency WBAMC (Jul2000-Jun02)
8. Chief, Graduate Medical Education of Internal Medicine Clinic WBAMC (Jul2000-Jun02)
9. House Staff Representative to Hospital Education Committee (1997-1999)
10. President, Postgraduate Medical Education Council, Brooke Army (Jun '97-1999)

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### PROFESSIONAL SOCIETIES:

1. ACAAI- Fellow
2. AAAAI- Fellow
3. ACP - Fellow
4. SIGMA XI Research Society (1991-present)
5. Alpha Omega Alpha (1995-present)

### PROFESSIONAL SOCIETIES LEADERSHIP ACTIVITIES:

1. Board of Directors, Western Society of Allergy, Asthma and Immunology (Jan 2012 - Present)
2. President Elect, Western Society of Allergy, Asthma and Immunology (Jan 2017 – Present)
3. Secretary/Treasurer, Western Society of Allergy, Asthma, and Immunology (Jan 2016 – Jan 2017)
4. Board of Regents, American College of Allergy, Asthma and Immunology (Nov 2011 – Nov 2014)
5. Board of Governors, American Association of Certified Allergists (Nov 2007-Present)
6. Board of Directors, California Society of Allergy, Asthma and Immunology (2007-Present)
7. Vice President, California Society of Allergy, Asthma and Immunology (2012-2013)
8. President, California Society of Allergy, Asthma and Immunology (2013-2014)
9. Board of Governors, California Society of Allergy Asthma and Immunology (July 2009- Present)
10. American College of Physicians Governors Council, Southern California Chapter, Region II (June 2010 –2013)
11. American College of Allergy Asthma and Immunology (ACAAI) National Fellow-in-Training Representative (Nov 2002 to Nov 2004)
12. ACAAI Board of Regents Member (Nov 2002 to Nov 2004)
13. Chair, ACAAI Basic and Clinical Immunology Committee
14. Chair, ACAAI Young Physicians Committee
15. Chair, ACAAI Membership Committee
16. Chair, ACAAI Immunotherapy and Diagnostics Committee
17. American Academy of Allergy Asthma and Immunology (AAAAI) Immunotherapy and Diagnostics Committee Member (Jan 2004 to Present).
18. Reviewer, Springer for Research & Development Journal (April 2013 to Present)

### PUBLICATIONS:

#### Original manuscripts:

1. **Carr, Warner W.** et al. The Role of Endomyocardial Biopsy in the Diagnosis and Treatment of Churg-Strauss Syndrome. *J. Clin Rheumatology* Vol. 5 (2); Apr. 1999.
2. Andrew F. Shorr; Stephanie L. Scoville; Steven B. Cersovsky; G. Dennis Shanks; Christian F. Ockenhouse; Bonnie L. Smoak; **Warner W. Carr**; Bruno P. Petrucci. Acute Eosinophilic Pneumonia Among US Military Personnel Deployed in or Near Iraq *JAMA*. 2004; 292:2997-3005.
3. **Carr, WW**, Martin, B, Howard, R, Cox, L, Borish, L, the Immunotherapy Committee of the American Academy of Allergy, Asthma and Immunology. Comparison of test devices for skin prick testing. *J Allergy Clin Immunol*. Vol 116; Aug 2005:341-346.
4. **Carr, Warner W.** Clinical Pearls and Pitfalls: Peanut Allergy. *Allergy and Asthma Proceedings*. Vol 26; Mar 2005:145-47.
5. Purohit-Sheth, Tejashri S. **Carr, Warner W.** Oral Allergy Syndrome (Pollen-Food allergy syndrome). *Allergy and Asthma Proceedings*. Vol 26 (3); May-Jun 2005:229-230(2).
6. Haymore, B.R., Frank, W.T., **Carr, WW**. Anaphylaxis and Epinephrine Prescribing Patterns in a Military Hospital. *Allergy and Asthma Proceedings* Vol. 26 (5); Sep 2005: 361-5.
7. Yoon IK, Martin BL, **Carr WW**; The Immunotherapy Committee of the American Academy; of Allergy, Asthma, and Immunology. A comparison of two single-headed and two multi-headed allergen skin test devices. *Allergy Asthma Proc*. 2006 Nov-Dec; 27(6):473-8.

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8. **Carr WW**. Improvements in skin-testing technique. *Allergy Asthma Proc.* 2006 Mar-Apr; 27(2): 100-103.
9. Funkhouser TA, **Carr WW**. A 34-year-old man with chronic itching and peripheral and submucosal eosinophilia. *Allergy Asthma Proc.* 2006 Jan-Feb; 27(1):77-81
10. **Carr WW**, Nelson MR, Hadley JA. Managing rhinitis: Strategies for improved patient outcomes *Allergy Asthma Proc.* 2008 Jul-Aug; 29(4):349-57.
11. **Carr WW**. Pediatric allergic rhinitis: current and future state of the art. *Allergy Asthma Proc.* 2008 Jan-Feb; 29(1):14-23.
12. Cox L, **Carr W**. et al. Pearls and pitfalls of allergy diagnostic testing: report from the American College of Allergy, Asthma and Immunology/American Academy of Allergy, Asthma and Immunology Specific IgE Test Task Force. *Annals of Allergy, Asthma, and Immunology.* 2008 Dec; 101(6):580-92.
13. Chang S, **Carr W**. Urticarial vasculitis. *Allergy Asthma Proc.* 2007 Jan-Feb; 28(1):97-100.
14. Lanier B, **Carr W**. Omalizumab in the treatment of allergy and asthma. *Therapy.* Sep 2004;1(1):25-30.
15. Engler RJ, Nelson M, Klote M, VanRaden MJ, Huang CY, Cox N, Klimov A, Keitel WA, Nichol K, **Carr W**, Treanor J. Half- vs Full-Dose Trivalent Inactivated Influenza Vaccine (2004-2005) Age, Dose, and Sex Effects on Immune Responses. *Arch Intern Med* Dec 2008; 168(22): 2405-2414.
16. Nelson HS, **Carr WW**, Nathan R, Protnoy JM. Update on the safety of long-acting  $\beta$ -agonists in combination with inhaled corticosteroids for the treatment of asthma. *Annals of Allergy, Asthma and Immunology*, Jan 2009; 1:11-15.
17. LaForce CF, **Carr W**, Tilles SA, Chipps BE, Storms W, Meltzer EO, Edwards M. Evaluation of olopatadine hydrochloride nasal spray, 0.6%, used in combination with an intranasal corticosteroid in seasonal allergic rhinitis. *Allergy Asthma Proc.* 2010 Mar; 31(2):132-40. Epub 2010 Mar 18.
18. Epstein AB, Van Hoven PT, Kaufman A, **Carr WW**. Management of allergic conjunctivitis: an evaluation of the perceived comfort and therapeutic efficacy of olopatadine 0.2% and azelastine 0.05% from two prospective studies. *Clin Ophthalmol.* 2009; 3:329-36. Epub 2009 Jun 2.
19. Chipps B, Spector S, Farrar J, **Carr W**, Meltzer E, Storms W, Kaliner M, Luskin A, Bukstein D, Oppenheimer J, Smart B, Derebery J, Harder J, Dykewicz M, Benninger M. Differences in recommendations between the Allergic Rhinitis and its Impact on Asthma Update 2010 and US Rhinitis Practice Parameters. *J Allergy Clin Immunol.* 2011 Jun;127(6):1640-1.
20. **Carr W.**, Settignano R. Allergies in Asia-Pacific survey. *Am J Rhinol Allergy.* 2011 Sep-Oct; 25 Suppl 1:S1.
21. **Carr, Warner W.**, et al. Severe Chronic Allergic (and Related) Diseases: A Uniform Approach - A MeDALL-GA2LEN-ARIA position paper. *Int Arch Allergy Immunol.* 2012 Mar 1; 158(3):216-231.
22. **Carr, Warner W.**; Stoloff, Stuart W.; Rosenstreich, David L. Allergic Rhinitis: Optimal Management for Improved Quality of Life for primary care physicians. Monograph. Haymarket Medical Education. March 2012.
23. **Carr, Warner W.**; Siegel, Charles J.; Rosenstreich, David L. Allergic Rhinitis: Current and Emerging Therapies to Optimize Patient Outcomes for Allergy Specialists. Monograph. Haymarket Medical Education. March 2012.
24. **Carr, Warner W.**, et al. A novel intranasal combination therapy of azelastine with fluticasone for the treatment of allergic rhinitis. *J Allergy Clin Immunol.* Vol 129 (5). May 2012.
25. **Carr, Warner W.**, et al. MP29-02 (a novel intranasal formulation of azelastine hydrochloride and fluticasone propionate) in the treatment of seasonal allergic rhinitis: A randomized, double-blind, placebo-controlled trial of efficacy and safety. *Allergy and Asthma Proceedings.* Vol. 33 (4). 2012 July/August.
26. **Carr WW**, Ratner P, Munzel U, Murray R, Price D, Canonica GW, Mullol J, Virchow JC, Lieberman P, Meltzer E, Bachert C. Comparison of intranasal azelastine to intranasal fluticasone propionate for symptom control in moderate-to-severe seasonal allergic rhinitis. *Allergy Asthma Proc.* 2012

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Nov- Dec;33(6):450-8.

27. **Carr, Warner W.** New therapeutic options for allergic rhinitis: Back to the future with intranasal corticosteroid aerosols. *American Journal of Rhinology and Allergy* 2013; 27(4): 309-313.
28. Chandra R, Chiu A, **Carr W**, Settupane R. Advances in endoscopic instrumentation and visualization, as well as radiologic imaging, have facilitated earlier diagnosis and lesser morbidity from therapeutic intervention. *Am J Rhinol Allergy*. 2013 May-Jun; 27 Suppl 1:S1.
29. **Carr, Warner W.**, et al Efficacy of bepotastine besilate ophthalmic solution 1.5% for seasonal allergic conjunctivitis; A randomized, placebo-controlled, natural exposure, clinical trial. *Allergy and Asthma Proceedings* 2013; 34(3): 247-254
30. **Carr, Warner W.** Topical Calcineurin Inhibitors for Atopic Dermatitis: Review and Treatment Recommendations. *Springer Journal Pediatric Drugs* 2013; 15(4): 303-310
31. **Carr, Warner W.**, et al Clinically relevant effect of a new intranasal therapy (MP29-02) in allergic rhinitis assessed by responder analysis. *International Archives of Allergy Immunology* 2013;161(4):369-377
32. **Carr, Warner W.**, et al Pimecrolimus in atopic dermatitis: Consensus on safety and the need to allow use in infants. *Pediatr Allergy Immunol* 2015: 26(4):306-15
33. **Carr, Warner W.**, et al. Advances in pharmacotherapy for the treatment of allergic rhinitis; MP29-02 (a novel formulation of azelastine hydrochloride and fluticasone propionate in an advanced delivery system) fills the gaps. *Expert Opinion. Pharmacotherapy*.2015; 16(6): 1-16
34. **Carr, Warner W.**, Bousquet, JeanAberer et al. MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis. *Journal of Allergy and Clinical Immunology*. 2016 Apr 23. pii: S0091-6749(16)30148-8. doi: 10.1016/j.jaci.2016.03.025.
35. **Carr, Warner W.**, Stanley S., et al. Inhaled corticosteroids Ocular safety and the hypothalamic-pituitary-adrenal axis. *Annals of Allergy, Asthma & Immunology*, Volume 117, Issue 6, 589 – 594.

### *Published Abstracts:*

1. **Carr, Warner W.** et al. HE2000, Immune Modifying Hormones and L Donovanii Infection. *Ann Allergy Asthma Immunol*. Vol92; Jan 2004; 115.
2. **Carr Warner W.** et al. Epinephrine Prescribing Patterns in a Healthcare System. *Ann Allergy Asthma Immunol*. Vol92; Jan 2004; 137.
3. **Carr, Warner W.** et al. HE2000 Upregulates Expression of the Interferon Gamma Receptor in the L. Donovanii-infected U937 Human Macrophage Cell Line. *J Allergy Clin Immunol*. Vol 113 (2); Feb 2004:S203.
4. Haymore, B.R., Frank, W.T., **Carr, WW.** Treatment of Anaphylaxis in the Outpatient Setting. *J Allergy Clin Immunol*. Vol 113 (2); Feb 2004:S259.
5. **Carr, Warner W.** et al. Effective Nasal Symptom Relief and Improvement in Health-Related Quality of Life in Subjects with Perennial Allergic Rhinitis Following 6-Week Once-Daily Treatment with Beclomethasone Dipropionate Hydrofluoroalkane Nasal Aerosol. *J Allergy Clin Immunol*. Vol 129 (2). 2012 February.
6. **Carr, Warner W.** et al. MP29-02 (Intranasal Formulation of Azelastine Hydrochloride and Fluticasone Propionate) in the Treatment of Ocular Symptoms of Seasonal Allergic Rhinitis (SAR). *J Allergy Clin Immunol*. Vol 129 (2). 2012 February.