

JENNIFER MARIE WATTERS, MD

PERSONAL INFORMATION

Current Position: Assistant Professor
Department of Surgery
Trauma/Surgical Critical Care Section
Oregon Health & Science University
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EDUCATION AND TRAINING

B.A. 1990-1994	Wellesley College <i>B.A. Magna Cum Laude, Philosophy and Biology</i>	Wellesley, Massachusetts
M.D. 1996-2000	University of Texas Southwestern Medical School	Dallas, Texas
Internship: 2000-2001	General Surgery Oregon Health & Science University	Portland, OR
Residency: 200-2003 2005-2007	General Surgery Oregon Health & Science University	Portland, OR
Research Fellowship: 2003-2004	Trauma Research Laboratory Oregon Health & Science University	Portland, OR
Fellowship: 2004-2005	Surgical Critical Care Oregon Health & Science University	Portland, OR
Advanced Laparoscopy: 2001 & 2006	Legacy Health Systems Director: Dennis Hong, M.D.	Portland, OR
Ultrasound for Surgeons: 2005	Oregon Health & Science University Director: Grace Rozycki, M.D.	Portland, OR

PROFESSIONAL LICENCES/ CERTIFICATION

State of Oregon Medical License

Surgical Critical Care 2006-2007 Certifying Examination September 2006

General Surgery 2007-2008 Qualifying Examination August 2007

National Board of Medical Examiners

USMLE Step I (1998), II (1999), III (2002)

Advanced Trauma Life Support

Advanced Cardiac Life Support

Basic Life Support

OHSU Hospital and Clinics Non-Radiologist Fluoroscopy Training Program 2007

RESEARCH EXPERIENCE

July 2003-June 2004 Trauma Research Laboratory
Department of Surgery, Division of Trauma/Critical Care
Oregon Health Sciences University - Portland, OR
Director: Martin A. Schreiber, M.D.

Feb 1995-Jun 1996 New England Deaconess Hospital
Biotherapeutics Development Laboratory
Harvard Medical School - Boston, MA
Director: RP Junghans, Ph.D., M.D.

Jan 1993-Jan 1995 New England Deaconess Hospital
Department of Infectious Diseases
Harvard Medical School - Boston, MA
Director: EF Terwilliger, Ph.D.

PEER-REVIEWED PUBLICATIONS

1. **Watters JM**, Tieu BH, Todd SR, Jackson T, Muller PJ, Malinoski D, Schreiber MA. Fluid resuscitation increases inflammatory gene transcription after traumatic injury. *Journal of Trauma*. 2006; 61(2):300-8; discussion 308-9.
2. **Watters JM**, Tieu BH, Differding JA, Muller PJ, Schreiber MA. A single bolus of 3% hypertonic saline with 6% dextran provides optimal initial resuscitation after uncontrolled hemorrhagic shock. *Journal of Trauma*. 2006; 61(1):75-81.
3. **Watters JM**, Brundage SI, Todd SR, Zautke NA, Stefater JA, Lam JC, Muller PJ, Malinoski D, Schreiber MA. Resuscitation with Lactated Ringer's Does Not Increase Inflammatory Response in a Swine Model of Uncontrolled Hemorrhagic Shock. *Shock*. 2004; 22:283-287.
4. Brundage SI, Zautke NA, **Watters JM**, Stefater JA, Todd SR, Lam JC, Schreiber MA. Lactated Ringer's Does Not Increase Inflammation after Shock. 6th World Congress on Trauma, Shock, Inflammation and Sepsis. 2004; EC302C0210:151-155.
5. **Watters JM**, Telleman P, Junghans RP. An optimized method for cell-based phage display panning. *Immunotechnology*. 1997; 3(1): 21-9.

ABSTRACTS

1. Kiraly LN, Sawai RS, **Watters JM**, Differding JA, Wiesberg TT, Muller PJ, Schreiber MA. 7.5% Saline with Dextran Resuscitation Causes Dysfunctional Inflammation in Uncontrolled Hemorrhagic Shock. *Journal of Trauma*. 2006;61:1559.
2. Sawai RS, Differding JA, **Watters JM**, Schreiber MA. Circulating Interleukin-8 is Predictive of Inflammatory Dysfunction in Trauma. *Journal of Trauma*. 2006; 59:1541.
3. **Watters JM**, Differding JA, Muller PJ, Schreiber MA. A Single Bolus of 3% Hypertonic Saline with Dextran Provides Optimal Resuscitation after Uncontrolled Hemorrhagic Shock. *Journal of Trauma*. 2005; 58:216.
4. **Watters JM**, Jackson T, Muller PJ, Malinoski D, Todd SR, Schreiber MA. Fluid Resuscitation Increases Inflammatory Response to Traumatic Injury. *Journal of Trauma*. 2004; 57:1378.
5. Differding JA, **Watters JM**, Muller PJ, Schreiber MA. The Correlation between Mean Arterial Blood Pressure and Tissue Oxygenation after Uncontrolled Hemorrhagic Shock. *Journal of Surgical Research*. 2004; 126:336-337.
6. Stefater JA, Brundage SI, **Watters JM**, Zautke NA, Todd SR, Lam JC, Schreiber MA. Lactated Ringer's does not Increase Inflammation after Shock. *Shock*. 2004; Supplement to Volume 21:458.
7. Telleman P, Kingsbury GA, **Watters JM**, Junghans RP. Protein neo-antigens in breast cancer by combinatorial phage technology. *Proceedings of the American Association for Cancer Research*, 1996.
8. Junghans RP, Zheng G, Anderson CL, **Watters JM**. The Brambell protection receptor (FcRp) for IgG catabolism is the neonatal intestinal transport receptor (FcRn). *ASBMB/ASIP/AAI Joint Meeting*, 1996.
9. Du B, Wu P, Bouldt-Houle DM, **Watters JM**, Terwilliger EF. Efficient transduction of human neurons with an adeno-associated virus vector. *Society for Neuroscience*, 1995; 21: 2123.

ORAL PRESENTATIONS

1. Principles of Ultrasound in the Acute Setting for Surgeons, Resident Education Conference, Oct 2006.
2. DVT and Pulmonary Embolus, Resident Education Conference, May 2006.
3. Chest Trauma, Critical Care Fellows Education Conference, 2005.
4. A Single Bolus of 3.5% Hypertonic Saline with Dextran Provides Optimal Resuscitation after Uncontrolled Hemorrhagic Shock. Western Trauma Association, Jackson Hole, WY, Mar 2005.
5. Fluid Resuscitation Increases Inflammatory Response to Traumatic Injury. Eastern Association for the Surgery of Trauma, Ft. Lauderdale, FL, Jan 2005.
6. Fluid Resuscitation Following Uncontrolled Hemorrhagic Shock. Grand Rounds, Division of Pulmonary and Critical Care Medicine, Oregon Health & Science University, Portland, OR, Jan 2005.

7. A Single Bolus of 3.5% Hypertonic Saline with Dextran Provides Optimal Resuscitation after Uncontrolled Hemorrhagic Shock. Committee on Trauma, Regional Presentation, Olympia, WA, Dec 2004.
8. Delayed Consequences of Fluid Resuscitation. Grand Rounds, Department of Surgery, Oregon Health & Science University, Portland, OR, Oct 2004.
9. A Single Bolus of 3.5% Hypertonic Saline with Dextran Provides Optimal Resuscitation after Uncontrolled Hemorrhagic Shock. Poster presentation, ATACCC, FL, Aug 2004.
10. Resuscitation with lactated Ringer's does not increase inflammatory response in a swine model of uncontrolled hemorrhagic shock. Society of University Surgeons, St. Louis, MO, Feb 2004.
11. Coagulation Disorders, Resident Education Conference, 2003.
12. Evaluation of Fever and Anticoagulation, Intern Education Conference, 2003.
13. Congenital Heart Disease, Resident Education Conference, 2002.
14. Ethics, Resident Education Conference, 2002.
15. Approach to the Breast Mass, Resident Education Conference, 2001.

TEACHING ACTIVITIES

1. Ultrasound in the Acute Setting for Surgeons, November 10, 2007.
2. Special needs of the Elderly Undergoing Surgery: Physiologic Differences and Pharmacologic Concerns, October 22, 2007.

HONORS AND AWARDS

Western Trauma Association, Winner, Resident Paper Competition, 2005
Eastern Association for the Surgery of Trauma, Raymond H. Alexander Competition 2005
Committee on Trauma Basic Science Abstract Regional Winner 2004
Committee on Trauma Abstract Award 2003
Alpha Omega Alpha Honor Society, Oregon Health & Science University, 2003
Rose Award Recipient (twenty-one), 2000-current
Student Representative, American College of Surgeons Clinical Congress, 1999
Zimmerman Foundation Award, 1993
Parent Internship Program Award, 1993
Political Science Urban Politics Internship Award, 1992

PROFESSIONAL MEMBERSHIPS AND COMMITTEES

American College of Surgeons, Associate Fellow
Sedation Oversight Committee, Oregon Health & Science University
Trauma Committee, Oregon Health & Science University
Oregon Medical Association 2000-present
Society of Critical Care Medicine, 2004-present
Alpha Omega Alpha Honor Society, Oregon Health & Science University
Selection Committee for Departmental Quality Assurance Conference 2003-2005
Texas Medical Association 1996-2000