

Curriculum Vitae

MARK P. YEAGER, M.D.

BUSINESS ADDRESS:

Department of Anesthesiology
Dartmouth-Hitchcock Medical Center
One Medical Center Drive
Lebanon, New Hampshire 03756

EDUCATION:

McGill University, Montreal, P.Q. CANADA
Faculty of Medicine - M.D., C.M., 1974

Middlebury College
Middlebury, Vermont - B.A., 1970

POSTDOCTORAL TRAINING:

Fellowship Critical Care Medicine
Dartmouth-Hitchcock Medical Center
Hanover, NH
1981-82

Residency Anesthesiology
Dartmouth-Hitchcock Medical Center
Hanover, NH
1979-81 Chief Resident 1980-1981

Residency Internal Medicine
Dartmouth-Hitchcock Medical Center
Hanover NH
1977-79

Primary Care Practice
North Vernon, Indiana

1975-77

Internship Internal Medicine
Queen Elizabeth Hospital
Montreal, P.Q. CANADA- 1974-75

LICENSURE AND CERTIFICATION:

State of Indiana Board of Registration in Medicine
1975-1977
State of N.H. Board of Registration in Medicine,
1977-present, #5756
American Board of Internal Medicine,
September 1979, #73619
American Board of Anesthesiology ,
April 1983, #10941
American Board of Anesthesiology Certification in
Critical Care October 1986, #204

ACADEMIC APPOINTMENTS:

Professor of Anesthesiology and Medicine
Dartmouth Medical School (1998-present)

Associate Professor of Anesthesiology and Medicine
Dartmouth Medical School (1992-1998)

Assistant Professor of Anesthesiology and Medicine
Dartmouth Medical School (1983-1992)

Attending Physician, Intensive Care Unit
Dartmouth-Hitchcock Medical Center (1983-2001)

Director, Mary Hitchcock Memorial Hospital
School of Nurse Anesthesia (1983-1986)

Director of Vascular Anesthesiology
Department of Anesthesiology
Dartmouth-Hitchcock Medical Center (1985-1989)

Director of Research

Department of Anesthesiology
Dartmouth-Hitchcock Medical Center (1996-present)

AWARDS & HONORS:

Provoncha Award, Outstanding Junior in Varsity Sports
Middlebury College
Blue Key Society, Middlebury College
Hazeltine-Klevinow Award for Excellence in Athletics
and Scholastic Achievement Middlebury College
Listed in: The Best Doctors in America and Guide to
America's Top Physicians
Association of University Anesthesiologists
William L. Garth Professor of Anesthesiology

EDITORIAL BOARDS AND JOURNAL REFEREE ACTIVITIES:

Editorial Boards

REGIONAL ANESTHESIA and PAIN MEDICINE (2000-date)
HOSPIMEDICA JOURNAL (1983-1988)

Ad Hoc Reviewer

ACTA ANESTHESIOLOGICA SCANDINAVICA
ACUTE PAIN SOCIETY JOURNAL
ANESTHESIA and ANALGESIA
ANESTHESIOLOGY
BRAIN, BEHAVIOR, and IMMUNITY
CRITICAL CARE
CRITICAL CARE MEDICINE
JOURNAL of CARDIOVASCULAR & THORACIC ANESTHESIA
JOURNAL of CLINICAL ANESTHESIA
PAIN
PROCEEDINGS of the NATIONAL ACADEMY of SCIENCES
INTERNATIONAL IMMUNOPHARMACOLOGY

SOCIETY MEMBERSHIPS:

Grafton County Medical Society
New Hampshire Medical Society
American Medical Association
NH/VT Society of Anesthesiologists
American Society of Anesthesiologists
International Anesthesia Research Society
Society of Critical Care Medicine
Society of Critical Care Anesthesiologists
American Pain Society
Association of University Anesthesiologists

PRIMARY RESEARCH INTERESTS:

1. Glucocorticoid control of the human inflammatory response
2. Non-linear dynamical modeling of human sepsis
3. CD163 as an anti-inflammatory component of human innate immunity
4. Pharmacokinetic-based treatment of pulmonary hypertension

COMPETITIVE GRANT AWARDS:

"Spinal Analgesia and Immune Function-Effects on Tumor Growth,"
Hitchcock Foundation Grant # 250-13, June 1988-June 1989, (\$6,099),
Principal Investigator

"Immune Function in Surgical Patients"; American Cancer Society Institutional
Grant #IN-157D, October 1987 - October 1988, (\$8,988),
Principal Investigator

"Effect of Morphine on Human Fc Dependent and Natural Killer Cell
Cytotoxicity," National Institute on Drug Abuse R03DA07921,
July 1992-June 1994, (Direct Costs--\$90,611), Principal Investigator

"Effect of Stress Reduction on Post-Surgical Immune Defense," Oncology Nurses Society, June 1994-June 1995, (\$5,568), Co-Principal Investigator

"Effect of Morphine on Human Fc Dependent and Natural Killer Cell Cytotoxicity," National Institute on Drug Abuse R01DA09162, April 1995-March 1998, (Direct Costs--\$426,085), Principal Investigator

"Variability and Approximate Entropy of Human Immune Function," Hitchcock Foundation Grant, March 1999-March 2000 (\$10,300), Co-Principal Investigator

"Critical glucocorticoid/cytokine mechanisms in endotoxemia." National Institute for Allergy and Infectious Disease, NIH. December 2002-November 2007, Co-Principal Investigator, 25% effort.

BIBLIOGRAPHY:

Books:

Yeager MP and Glass DD: Anesthesiology and Vascular Surgery; Norwalk, CT, Appleton & Lange, 1990.

Yeager MP: Breakfast is Only the Beginning: A User's Guide to Preschoolers; Minneapolis, MN, Fairview Press, 1997.

Book Chapters:

Yeager MP: Perioperative Stress Reduction with Intraspinal Opiates. In: Spinal Opiates, Rawal N and Coombs DW, (ed.), Boston, Kluwer Academic Publishers, pp. 63-76, 1989.

Yeager MP: Outcome of Pain Management. In: Acute Pain Management, Oden RV (ed.), Anesthesiology Clinics of North America, Philadelphia, W.B. Saunders Co., 7(1), pp. 241-258, 1989.

Yeager MP, Glass DD: Anesthesia for Abdominal Aortic Reconstruction: One Approach. In: Anesthesia for Vascular Surgery, Roizen M, (ed.), New York, Churchill Livingstone, pp. 285-298, 1990.

Yeager MP: Regional Anesthesia for Major Vascular Surgery. In: Anesthesiology and Vascular Surgery, Yeager MP and Glass DD, (ed.), Norwalk, CT, Appleton and Lange, pp. 363-379, 1990.

Yeager MP, Burns AK: Regional Versus General Anesthesia for Major Vascular Surgery. In: Vascular Anesthesia, Kaplan JA (ed.), New York, NY, Churchill Livingstone Co., pp. 309-332, 1991.

Bernauer E, **Yeager MP:** Optimal Pain Control in the Intensive Care Unit. In International Anesthesiology Clinics, Boston, Little Brown Co., 31 (2), pp. 201-220, 1993.

Yeager MP, Fillinger MP, Lundberg JL: Regional Anesthesia and Analgesia for Cardiothoracic and Vascular Surgery. In: Regional Anesthesia and Analgesia, Brown DL (ed.), Orlando, FLA, W B Saunders Co., pp. 512-536, 1996.

Chaimberg KH, **Yeager MP:** Anesthetic Techniques for Major Vascular Surgery. In: Vascular Anesthesia, Kaplan JA (ed.), Second Edition New York, NY, Churchill Livingstone Co., pp. 165-186, 2004.

Guyre PM, **Yeager MP, Munck AU:** Glucocorticoid Effects on Immune Responses. In: The Hypothalamus-Pituitary-Adrenal Axis; Neuroimmune Biology, Volume 7; Rey AD, Chrousos G, Besedovsky H (ed.), Boston, Elsevier, pp. 147-168 2008.

Published Symposia:

"Anesthetic Management of Patients for Major Vascular Surgery," American Society of Anesthesiologists Annual Refresher Course Series, New Orleans, LA, 1984.

"Regional vs General Anesthesia for Major Vascular Surgery," American Society of Anesthesiologists Annual Refresher Course Series, Las Vegas, NV, 1986.

"Regional vs General Anesthesia for Major Vascular Surgery," American Society of Anesthesiologists Annual Refresher Course Series, Atlanta, GA, 1987.

"Regional vs General Anesthesia," American Society of Regional Anesthesia Annual Refresher Course Series, San Francisco, CA, 1988.

"Regional Anesthesia for the Patient With Heart Disease," American Society of Anesthesiologists Annual Refresher Course Series, San Francisco, CA, 1988.

"Perioperative Cardiac Risk," World Congress of Anesthesiologists Refresher Course Series, Washington, D.C., 1988.

"Regional or General Anesthesia in the Patient With Cardiac Disease," European Society of Regional Anaesthesia Annual Meeting, Belfast, UK, 1990.

"Regional Anaesthesia and Surgical Outcome--Current Status," European Society of Regional Anaesthesia Annual Meeting, Belfast, UK, 1990.

"Assessment of Perioperative Cardiac Function," American Society of Anesthesiologist's Regional Refresher Course Series, Chicago, Ill, 1990

"Regional or General Anesthesia for Major Surgery," American Society of Anesthesiologist's Regional Refresher Course Series, Chicago, Ill, 1990.

"The Role of Regional Anesthesia in Improving Surgical Outcome," International Anesthesia Research Society Annual Review Course Series, San Antonio, TX, 1991

"Epidural Analgesia--Outcome 4 Years Later," American Society of Regional Anesthesia Annual Meeting Abstracts, Cleveland, OH, 1991

"Combined Regional and General Anesthesia Should Be Used During Abdominal Aortic Surgery," Society of Cardiovascular Anesthesiologists Annual Meeting Abstracts, San Francisco, CA, 1991

"Anaesthetic Considerations in Abdominal Aortic Surgery," McGill University Annual Review Course Lectures in Anaesthesia, Montreal, PQ, 1991.

"Choice of Anaesthetic Technique: Regional or General Anaesthesia for Major Vascular Surgery," McGill University Annual Review Course Lectures in Anaesthesia, Montreal, P, 1991.

"Hemodynamic Effects of Epidural Anesthesia," American Society of Regional Anesthesia Workshop on Physiologic Consequences of Epidural Anesthesia, Burlington, VT, 1992.

"Immune Response Changes After Epidural Blockade," American Society of Regional Anesthesia Workshop on Physiologic Consequences of Epidural Anesthesia, Burlington, VT, 1992.

"Rational Use of Epidural Anesthesia in Major Surgery," 21st Annual Anesthesiology Review Course, University of Alabama Department of Anesthesiology, 1993.

"Stress, Anesthesia, and Immune Function," 21st Annual Anesthesiology Review Course, University of Alabama Department of Anesthesiology, Birmingham, Alabama, 1993.

Journal Articles:

Yeager MP: Anesthetic Management of Patients for Major Vascular Surgery. *Current Reviews in Clinical Anesthesia* 5:186-191, 1985.

Yeager MP: Emerging Role of Epidural Anesthesia and Analgesia in the Care of Surgical Patients. *HospitMedica Journal* 3:45-51, 1985.

Yeager MP: Peripheral Vascular Surgery: The Case for Regional Anesthesia. *Problems in Anesthesia* 1(3):434-447, 1986.

Yeager MP: Coagulopathy in the Critically Ill. *Update in Intensive Care and Emergency Medicine*, Berlin, Springer-Verlag, 535-540, 1986.

Yeager MP: Continuous Mixed Venous Oxygen Monitoring. *Update in Intensive Care and Emergency Medicine*, Berlin, Springer-Verlag, 229-232, 1986.

Yeager MP, Coombs DW, Dodge CP, Maloney LL: Effect of Cimetidine on Biotransformation of Enflurane in Man. *Can Anaesth Soc J* 33(4):466-470, 1986.

Yeager MP, Glass DD, Neff RK, Brinck-Johnson T: Epidural Anesthesia and Analgesia in High-Risk Surgical Patients. *Anesthesiology* 66(6):729-736, 1987.

Yeager MP: Perioperative Cardiac Risk. *Current Reviews in Clinical Anesthesia* 9:130-135, 1989.

Yeager MP: Pro: Regional Anesthesia is Preferable to General Anesthesia for the Patient With Heart Disease. *Journal of Cardiothoracic Anesthesia*, 3(6):793-796, 1989.

Yeager MP: Regional Versus General Anesthesia and Cardiovascular Safety. *Anesthesiology Review*, 16:42-46, 1989.

Yeager MP and Colacchio TA: Effect of Morphine on Growth of Metastatic Colon Cancer in Vivo. *Archives of Surgery*, 126(4): 454-456, 1991.

Galt SW, Bech FR, McDaniel MD, Dain BJ, **Yeager MP**, Schneider JR, Walsh DB, Zwolak RM, Cronenwett JL: The Effect of Ibuprofen on Cardiac Performance During Abdominal Aortic Crossclamping. *J Vasc Surg*, 13(6): 876-83, 1991.

Yeager MP, Yu CT, Campbell AS, Moschella M, Guyre P: Effect of Morphine and Beta-endorphin on Human Fc Receptor-dependent and Natural Killer Cell Functions. *Clin Immunol Immunopathol*, 62(3):336-343, 1992.

Yeager MP and Cronenwett J: Effect of Anesthetic Technique on Outcome After Abdominal Aortic Surgery. *Journal of Vascular Surgery*, 15(5): 875-878, 1992.

Yeager MP, Colacchio TA, Guyre PM: Effect of Morphine, Ketorolac, and Epidural Analgesia on Natural Killer Cell Activity and Tumor Growth. *Advances in the Biosciences*, 86:371-376, 1993.

Yeager MP: Preemptive Analgesia; I'll Know it When I See it. *Acute Pain Society Journal*, 2(2):128-129, 1993.

Yeager MP: Anesthetic Management of Major Vascular Surgery. *Current Reviews in Clinical Anesthesia*, 14 (9):75-83 1993.

Colacchio TA, **Yeager MP**, Hildebrandt LW: Perioperative Immunomodulation in Cancer Surgery. *Am J Surgery*, 167(1):174-179, 1994.

Yeager MP, Colacchio TA, Yu CT, Hildebrandt L, Howell AL, Weiss J, Guyre PM: Morphine Inhibits Spontaneous and Cytokine-Enhanced Natural Killer Cell Cytotoxicity in Volunteers. *Anesthesiology*, 83(3):500-508, 1995.

Dodds TM, Burns AK, DeRoo DB, Plehn JF, Haney M, Griffin BP, Weiss JE, Stukel TA, **Yeager MP**: Effects of Anesthetic Technique on Myocardial Wall Motion Abnormalities During Abdominal Aortic Surgery. *Journal of Cardiothoracic & Vascular Anesthesia*, 11(2):129-136, 1997.

Colburn RW, DeLeo JA, Rickman AJ, **Yeager MP**, Kwon P, Hickey WF: Dissociation of Microglial Activation and Neuropathic Pain Behaviors Following Peripheral Nerve Injury in the Rat. *J Neuroimmunology*, 79(2):163-75, 1997.

DeLeo JA, Colburn RW, Rickman AJ, **Yeager MP**: Intrathecal Catheterization Alone Induces Neuroimmune Activation in the Rat. *European Journal of Pain*, 1:115-122, 1997.

Rassais AJ, Marrin CA, Arruda JA, Whalen K, Beach M, **Yeager MP**: Insulin Infusion Improves Neutrophil Function in Diabetic Cardiac Surgery Patients. *Anesthesia and Analgesia*, 88(5):1011-1016, 1999.

Yeager MP, Lunt P, Arruda J, Whalen K, Rose R, DeLeo JA: Cerebrospinal Fluid Cytokine Levels After Surgery with Spinal or General Anesthesia. *Regional Anesthesia and Pain Medicine*, 24(6):557-562, 1999.

Yeager MP, Deleo JA, Hoopes PJ, Hartov A, Hildebrandt L, Hickey WF: Trauma and Inflammation Modulate Lymphocyte Localization *in vivo*: Quantitation of Tissue Entry and Retention Using Indium-111-labeled Lymphocytes. *Critical Care Medicine*, 28(5):1477-1482, 2000.

Procopio MA, Rassias AJ, DeLeo JA, Pahl J, **Yeager MP**: The *In Vivo* Effects Of General And Epidural Anesthesia On Human Immune Function. *Anesthesia and Analgesia*, 93(2):460-465, 2001.

Yeager MP, Procopio MA, DeLeo JA, Arruda JL, Hildebrandt L, Howell AL: Intravenous Fentanyl Increases Natural Killer Cell Cytotoxicity and Circulating CD16⁺ Lymphocytes in Humans. *Anesthesia and Analgesia*, 94(1):94-99, 2002.

Fillinger MP, **Yeager MP**, Dodds TM, Fillinger MF, Whalen PK, Glass DD: Epidural Anesthesia and Analgesia: Effects on Recovery from Cardiac Surgery. *Journal of Cardiothoracic and Vascular Anesthesia*, 16(1):15-20, 2002.

Fillinger MP, Rassias AJ, Guyre PM, Sanders JH, Beach M, Pahl J, Watson RB, Whalen PK, Yeo KTJ, **Yeager MP**: Glucocorticoid Effects on the Inflammatory and Clinical Response to Cardiac Surgery. *Journal of Thoracic and Cardiovascular Anesthesia*, 16(2):163-9, 2002.

Rassias AJ, Givan AL, Marrin CAS, Whalen PK, Pahl J, **Yeager MP**: Insulin Increases Neutrophil Phagocytic Capacity in Non-Diabetic Cardiac Surgical Patients. *Anesthesia and Analgesia*, 94:1113-9, 2002.

Hintz KA, Rassias AJ, Wardwell K, Moss MM, Morganelli PM, Pioli PA, Givan AL, Wallace PK, **Yeager MP**, Guyre PM: Endotoxin induces rapid metalloproteinase-mediated shedding followed by upregulation of the monocyte hemoglobin scavenger receptor CD163. *Journal of Leukocyte Biology*, 72:711-717, 2002.

Fairhurst AM, Connolly JE, Hintz KA, Goulding NJ, Rassias AJ, **Yeager MP**, Rigby W, Wallace PK: Regulation and Localization of Endogenous Human Tristetraprolin. *Arthritis Res Ther*, 5:214-225, 2003.

Goldstein, JI, Hintz-Goldstein, KA, Wardwell, K, Fahrner, SL, Goonan, KE, Cheney, MD, **Yeager, MP**, and Guyre, PM. Increase in plasma and surface CD163 levels in patients undergoing coronary artery bypass graft surgery. *Atherosclerosis*, 170(2):325-32, 2003.

Yeager MP, Guyre PM, Munck AU. Glucocorticoid Regulation of the Inflammatory Response to Injury. *Acta Anaesthesiol Scand*. 48(7):799-813, 2004.

Yeager MP, Carli F. Anesthesia and Surgical Outcomes: An Orphean Ambition. *Regional Anesthesia and Pain Medicine*, 29(6):515-519, 2005.

Rassias AJ, Guyre PM, Holzberger P, Givan AL, Fahrner SL, **Yeager MP**. Decreased Physiologic Variability as a Generalized Response to Human Endotoxemia. *Crit Care Med*, 33(3):512-19,2005.

Yeager MP, Fillinger MP, Hartman GS. Beta-blockade and Surgical Survival--A Complementary Hypothesis. *J. Thor Cardiovasc Anesth*, 19(2):237-241,2005.

Yeager MP, Rassias AJ, Fillinger MP: DiScipio AW, Gloor KE, Gregory JA, Guyre PM: Cortisol Anti-inflammatory Effects are Maximal at Postoperative Plasma Concentrations. *Crit Care Med* 33(7):1507-1512, 2005.

Yeager MP, Clark JA, Yeager SB: A Novel Method for Selective Delivery of Drugs to Pulmonary Arteries. *Drug Delivery* 12:1-5, 2005.

Yeager MP, Spence BC: Perioperative Fluid Management: Current Consensus and Controversies. *Seminars in Dialysis* 19(6):472-9,2006.

Dodds TM, Fillinger MP, Walsh DB, Surgenor SD, Mandel D, **Yeager MP**: Clinical Outcomes After Lower Extremity Revascularization: A Comparison of Epidural and General Anesthesia. *J Applied Research* 7(3):238-249,2007.

Yeager MP, Pioli PA, Wardwell K, Beach ML, Martel P, Rassias AJ, Guyre PM: In Vivo Exposure to High or Low Cortisol Has Bi-Phasic Effects on Inflammatory Response Pathways of Human Monocytes. *Anesth Analg* 107 (5):1726-34, 2008.

Yeager MP, Rassias AJ, Pioli PA, Beach ML, Wardwell K, Collins J, Lee HK, Guyre PM: Stress Cortisol Pre-treatment Enhances the Human Systemic Inflammatory Response to Bacterial Endotoxin Crit Care Med (In Press).

Abstracts:

Yeager MP, Dodge CP, Coombs DW, Hildebrandt L, Rosner R: Effect of Cimetidine on Biotransformation of Enflurane in Man. American Society of Anesthesiologists Annual Meeting Abstracts, 1983.

Gettinger A, Parker W, Kuwik R, **Yeager MP**, Coombs D, Barlow P, Glass DD: Clinical experience with high frequency ventilation: retrospective analysis. International Symposium on High Frequency Ventilation, Memorial Sloan-Kettering Cancer Center, New York, p. 108, 1983.

Arnold DE, Coombs DW, **Yeager MP**, Brinck-Johnson T: Single Blind Comparison of Continuous Epidural Clonidine, Epidural Morphine and Parenteral Narcotic Analgesia Upon Post Abdominal Surgery Neuroendocrine Stress Response (Cortisol). Anesth Analg 68:S11, 1989.

Yeager MP and Colacchio TA: Effect of Morphine on Growth of Metastatic Colon Cancer. Society of Surgical Oncology Annual Meeting, Washington, D.C., 1990.

Galt SW, Bech FR, McDaniel MD, Dain BJ, **Yeager MP**, Schneider JR, Walsh DB, Zwolak RM, Cronenwett JL: The Effect of Ibuprofen on Cardiac Performance During Abdominal Aortic Cross-Clamping. New England Society for Vascular Surgery, Newport, RI, 1990.

Coombs DW, **Yeager MP**, Vernier K, Ellis M, Haney M: Continuous Epidural Sufentanil vs Morphine for Postoperative Pain. American Pain Society Annual Meeting Abstracts, 1990.

Yeager MP, Colacchio TA, Guyre, PM: Morphine and Tumor Growth. 2nd International Conference on Alcohol, Drugs of Abuse and Immunomodulation, Tucson, Arizona, 1992.

Colacchio TA, **Yeager MP**, Hildebrandt L: Perioperative Immunomodulation in Cancer Surgery. Society for Surgery of the Alimentary Tract Annual Meeting Abstracts, 1993.

Yeager MP, Dodds TM, Burns AK, DeRoo D, Haney M, Plehn J: Effect of Epidural Anesthesia on Hemodynamics and Ventricular Wall Motion during Aortic Surgery. American Society of Anesthesiologists' Annual Meeting Abstracts, Washington, DC, 1993.

Yeager MP, Guyre PM, Colacchio TA, Yu CT, Hildebrandt L: Effect of Morphine on Cellular Immunity in Normal Volunteers. American Society of Anesthesiologists' Annual Meeting Abstracts, Washington, DC, 1993.

Fillinger MP, Dodds TM, **Yeager MP**, Brinck-Johnsen T, Glass, DD: Effects of Thoracic Epidural Anesthesia and Analgesia on Recovery After Coronary Bypass Graft Surgery. Society of Cardiovascular Anesthesiologist's Annual Meeting Abstracts, Philadelphia, PA, 1995.

Dodds TM, Burns AK, DeRoo D, Plehn J, Haney M, Weiss J, Stukel T, **Yeager MP**: Effect of Anesthetic Technique on Myocardial Wall Motion Abnormalities During Abdominal Aortic Surgery. Society of Cardiovascular Anesthesiologist's Annual Meeting Abstracts, Philadelphia, PA, 1995.

Lundberg J, Fowler JB, **Yeager MP**: Cardiovascular Effects of Pheynylephrine During Thoracic Epidural Anesthesia. World Congress of Anesthesiologists' Meeting Abstracts, Sydney, Australia, 1996.

Lundberg J, Walsh DB, Weller TS, **Yeager MP**: Right Ventricular Function During Thoracic Epidural Anesthesia. Effects of Dopamine Infusion in Man. World Congress of Anesthesiologists' Meeting Abstracts, Sydney, Australia, 1996.

Joyner RL, **Yeager MP**, Daubenspeck IA, Leiter JC: A Novel Technique of Selective Pulmonary Artery Vasodilation With the Use of Volatile Anesthetics. American Thoracic Society International Conference, New Orleans, LA, 1996.

Yeager MP, DeLeo JA, Colacchio TA: Effect of Chronic Pain on Cancer Progression. American Pain Society Annual Meeting Abstracts, Washington, DC, 1996.

Procopio MA, Deleo JA, **Yeager MP**: Effects of Epidural and Opiate-free General Anesthesia on Immune Function in Human Volunteers. International Anesthesia Research Society Annual Meeting Abstracts, San Francisco, CA, 1997.

Rassias AJ, Kostrubsky O, **Yeager MP**: A serum factor depresses neutrophil function after cardiac surgery and opiate-based anesthesia. International Anesthesia Research Society Annual Meeting Abstracts, San Francisco, CA, 1997.

Fillinger MP, Watson RB, Sanders JH, **Yeager MP**: Pulse Steroids: Effects on cytokine response and recovery from cardiac surgery. Society of Cardiovascular Anesthesiologists Annual Meeting Abstracts, Baltimore, MD, 1997.

Dodds TM, **Yeager MP**, Walsh DB, Mandel D: General versus regional anesthesia for peripheral vascular surgery. Society of Cardiovascular Anesthesiologists Annual Meeting Abstracts, Baltimore, MD, 1997.

Nichols M, **Yeager MP**, Colburn R, Hildebrandt L, Rickman A, DeLeo JA: Effects of Nerve Injury on Tumor Burden in the Rat. American Pain Society Annual Meeting Special Citation Abstracts, New Orleans, LA, 1997.

Yeager MP, Lunt P, Rose R, Procopio M, DeLeo JA,: CSF Cytokine Changes in Acute Pain. American Pain Society Annual Meeting Abstracts, New Orleans, LA, 1997.

Rassias AJ, **Yeager MP**: High-dose glucocorticoids do not alter interleukin-6 or interleukin-10 levels in human volunteers. Society of Critical Care Medicine Annual Meeting Abstracts, San Antonio, TX, 1998.

Procopio M, Howell A, Rassias AJ, **Yeager MP**: Fentanyl enhances natural killer cell cytotoxicity in healthy humans. American Society of Anesthesiologists Annual Meeting Abstracts, Orlando FL, 1998.

Rassias AJ, **Yeager MP**: Approximate Entropy of Human Neutrophils. Society of Critical Care Medicine Annual Meeting Abstracts, Orlando, FL, 2000.

Guyre PM, Sulahian T, Morganelli PM, Wardwell K, Hintz KA, Rassias AJ, Fillinger MF, Sanders J, Hogger P, Goulding N, **Yeager MP**: Increased Plasma CD163 following Cardiac Surgery. American Association of Immunologists' Annual Meeting Abstracts, 2000.

Lundberg JL, Lee DJ, **Yeager MP**: Effects of Dobutamine Before and During Thoracic Epidural Anesthesia. American Society of Anesthesiologists Annual Meeting, San Francisco, CA, 2000.

Rassias AJ, **Yeager MP**: Endotoxemia decreases approximate entropy of human polymorphonuclear leukocytes. Society of Critical Care Medicine Annual Meeting Abstracts, San Francisco, CA, 2001.

Rassias AJ, **Yeager MP**: Insulin infusion does not improve neutrophil phagocytosis during cardiac surgery with cardiopulmonary bypass. Society of Critical Care Medicine Annual Meeting Abstracts, San Francisco, CA, 2001.

Fillinger MP, **Yeager MP**, Rassias AJ, Guyre PM: Permissive and Suppressive Actions of Glucocorticoids: *in Vivo* Validation. Association of University Anesthesiologists' Annual Meeting, Rochester, NY, 2001.

Hintz KA, **Yeager MP**, Rassias AJ, Wallace PK, Givan AL, Sulahian TH, Wardwell K, Guyre PM. The High Affinity IgG receptor on Human Monocytes CD64 (FcRI) is Upregulated Following Intravenous Endotoxin Administration. Federation of American Societies for Experimental Biology Meeting Abstracts, Orlando, FL, 2001.

Fairhurst AM, Connolly JE, Hintz KA, Goulding NJ, Rassias AJ, **Yeager MP**, Rigby W, Wallace PK. The TNF α Regulator Tistetraprolin (TTP)- A novel therapeutic target in inflammation. *Inflammation Research* 2001; 50 (S3) S189.

Rassias AJ, Fahrner SL, Guyre PM, **Yeager MP**. "Endotoxemia decreases approximate entropy of human cortisol secretion". *Critical Care Medicine* 30:A106, 2003.

Goldstein, JI, Hintz-Goldstein, KA, Wardwell, K, Fahrner, SL, Goonan, KE, Cheney, MD, **Yeager, MP**, and Guyre, PM. Increase in plasma and surface CD163 levels in patients undergoing coronary artery bypass graft surgery. Annual Meeting of the American Association of Immunologists, Denver, CO, 2003

Yeager MP, Fillinger MP, Guyre PM, Gregory JA, DiScipio A. Pharmacologic or Physiologic Cortisol?: Evidence for Equivalent Suppression of Systemic Inflammation. American Society of Anesthesiologists Annual Meeting Abstracts, Las Vegas, NV 2004.

Rassias AJ, **Yeager MP**, Wardwell K, Lee HK, Guyre PM. *In Vivo* Glucocorticoid Depletion: Effects on Monocyte Function. *Crit Care Med* 34(12) A64, 2006.

Snavelly AD, Rassias AJ, **Yeager MP**. Pulsatile vs. Continuous Cortisol Infusions – Anti-Inflammatory Effects Compared. American Society of Anesthesiologists Annual Meeting Abstracts, San Francisco CA, 2007.

Rassias AJ, Guyre PM, **Yeager MP**. Pre-treatment with a stress-dose but not a high dose infusion of hydrocortisone maintains heart rate variability during human endotoxemia. *Journal of Critical Care* 23(2) 265, 2008.