

CURRICULUM VITAE

Molly M. Buzdon, MD, FACS

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EDUCATION

1991 B.S. University of Michigan, Inteflex program, Biomedical Sciences and Music
1994 M.D. University of Michigan Medical School
Ann Arbor, MI

TRAINING

Residencies and Fellowships:

1994-1996 Resident in General Surgery, PGY 1-2
University of Maryland Medical Center
Baltimore, MD
1996-1998 Research Fellowship, VA Hospital
Dr. Barbara Bass, Dept of Surgery
1998-2001 Junior Resident in General Surgery
University of Maryland Medical Center
Baltimore, MD
2001-2002 Chief Resident in General Surgery
University of Maryland Medical Center
Baltimore, MD
2002-2003 Fellowship in Laparoscopic Surgery
University of Maryland Medical Center
Baltimore, MD

LICENSURE AND CERTIFICATION

2007- Licensed Physician and Surgeon, State of New Hampshire, #13482
1996-2007 Licensed Physician and Surgeon, State of Maryland, #D50789
3/2005 Board Certified, American Board of Surgery
1994- ACLS Provider Certification

EMPLOYMENT HISTORY

- 9/2003-5/2007 Assistant Chief of Surgery, Union Memorial Hospital
Baltimore, MD 21218
- 7/2007- present Surgeon, Portsmouth Regional Hospital
Portsmouth, NH 03801

MEMBERSHIPS IN NATIONAL / REGIONAL SOCIETIES

- 1998 Association of Women Surgeons
2002 Society of American Gastrointestinal Endoscopic Surgeons
2006 Fellow, American College of Surgeons
2007 American Society of Breast Surgeons
2008 New Hampshire Medical Society

HONORS

- 1996 Basic Science 1st Place Award, Resident Trauma Paper Competition, *Local* American College of Surgeons, Committee on Trauma, VA. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Intestinal epithelial cell regulation of macrophage and lymphocyte Interleukin-10 expression.
- 1996 Basic Science 1st Place Award, Resident Trauma Paper Competition, *Regional* American College of Surgeons, Committee on Trauma, Military Region. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Intestinal epithelial cell regulation of macrophage and lymphocyte Interleukin-10 expression.
- 1997 Basic Science 2nd Place Award, Resident Trauma Paper Competition, *National* American College of Surgeons, Committee on Trauma, **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Intestinal epithelial cell regulation of macrophage and lymphocyte IL-10 expression.
- 1998 Basic Science 1st Place Award, Resident Trauma Paper Competition, *State MD* American College of Surgeons, Committee on Trauma, Maryland. Genuit T, Napolitano LM, **Buzdon M**, Shi HJ, Bass BL, Scalea T. Trauma induces tissue-specific alterations in IL-10 expression and exogenous IL-10 administration decreases mortality.
- 1999 Basic Science 2nd Place Award, Resident Trauma Paper Competition, *Regional* American College of Surgeons, Committee on Trauma, Southeast Region. Genuit T, Napolitano LM, **Buzdon M**, Shi HJ, Bass BL, Scalea T. Trauma induces tissue-specific alterations in IL-10 expression and exogenous IL-10 administration decreases mortality.

BIBLIOGRAPHY

Journal Articles - Refereed

1. Sullivan KA, Kim B, **Buzdon M**, Feldman EL. Suramin disrupts insulin-like growth factor-II (IGF-II) mediated autocrine growth in human SH-SY5Y neuroblastoma cells. *Brain Research*, January 1997, Vol. 744, No. 2, p199-206.
2. Napolitano LM, **Buzdon M**, Shi JH, Bass BL. Reciprocal expression of IL-10 and IL-6 in enterocyte-immunocyte coculture. *Surgical Forum*, October 1997, Vol XLVIII, p78-80.
3. Napolitano LM, **Buzdon M**, Shi HJ, Bass BL. Intestinal epithelial cell regulation of macrophage and lymphocyte Interleukin-10 expression. *Archives of Surgery*, December 1997, Vol. 132, No. 12, p1271-1276.

4. **Buzdon M**, Napolitano LM, Wang JY, Summers S, Bass BL. Differentiation decreases enterocyte adhesion and integrin expression: A mechanism of villus tip release. *Surgical Forum*, 1998, Vol. XLIX, p130-131.
5. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Femur fracture induces site-specific changes in T-cell immunity. *Journal of Surgical Research*, April 1999, Vol. 82 No. 2, p201-208.
6. Napolitano LM, **Buzdon M**, Shi HJ, Bass BL. Differential regulation of Interleukin-10 expression by LPS and TNF in intestinal epithelial cells. Revision submitted for publication, *American Journal of Physiology: Gastrointestinal and Liver Physiology*, December, 2000.
7. Napolitano LM, **Buzdon M**, Shi JH, Bass BL. Site-specific alterations in intestinal Interleukin-10 (IL-10) synthesis after injury and alcohol ingestion. Submitted for publication, *Journal of Surgical Research*, December 2000.
8. **Buzdon M**, Cho E, Jacobs SC, Flower JL. Warm ischemia time does not correlate with recipient graft function in laparoscopic donor nephrectomy. *Surgical Endoscopy* 2002, in press.

Abstracts

1. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Intestinal epithelial cell regulation of macrophage and lymphocyte IL-10 expression. American College of Surgeons Residents Trauma Paper Competition, August 1996.
2. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Differential regulation of interleukin-10 synthesis by LPS and TNF in intestinal epithelial cells. *Gastroenterology* Vol. 110, No. 4, A979 1996.
3. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Intestinal epithelial cell regulation of macrophage and lymphocyte Interleukin-10 expression. Society of University Surgeon's Fifty-Eighth Annual Meeting, Resident Session, Tampa, Florida, February 13-15, 1997.
4. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Intestinal epithelial cell regulation of macrophage and lymphocyte Interleukin-10 expression. Seventeenth Annual Meeting of the Surgical Infection Society, Pittsburgh, PA, May 1-3, 1997.
5. **Buzdon M**, Napolitano LM, Shi JH, Bass BL. Site-specific alterations in intestinal Interleukin-10 (IL-10) synthesis after injury and alcohol ingestion. Association of VA Surgeons Twenty-first Annual Surgical Symposium, Louisville, Kentucky, May 4-7, 1997.
6. Napolitano LM, **Buzdon M**, Shi HJ, Bass BL. Interleukin-10 (IL-10) receptor expression is downregulated with enterocyte differentiation. *Gastroenterology*, Vol. 112, No. 4, 1997, A1462.
7. Napolitano LM, **Buzdon M**, Shi JH, Bass BL. Reciprocal expression of IL-10 and IL-6 in enterocyte-immunocyte coculture. *Surgical Forum*, October 1997.
8. Napolitano LM, **Buzdon M**, Shi JH, Bass BL. Traumatic injury induces tissue-specific alterations in IL-10 expression. American Association for the Surgery of Trauma, March 1997.
9. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Gut T-cell phenotype is altered after femur fracture. Society of University Surgeons Residents' Program, August 1997.
10. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Gut T-cell phenotype is altered after femur fracture. Surgical Infection Society, April 30, May 2, 1998.
11. **Buzdon M**, Summers S, Napolitano LM, Wang JY, Bass BL. Differentiation decreases enterocyte adhesion and integrin expression: A mechanism of villus tip release. American College of Surgeons Surgical Forum, October 1998.

Presentations to Scientific Meetings

1. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Intestinal epithelial cell regulation of macrophage and lymphocyte Interleukin-10 expression. Presented at the ACS Committee on Trauma, Residents Trauma Paper Competition, Military and VA Regions, Bethesda, Maryland, July 15, 1996.
2. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Intestinal epithelial cell regulation of macrophage and lymphocyte Interleukin-10 expression. Presented at the Fifty-Eighth Annual Meeting of the Society of University Surgeons, Resident Session, Tampa, Florida, February 13-15, 1997.
3. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Intestinal epithelial cell regulation of macrophage and lymphocyte Interleukin-10 expression. Presented at the Seventeenth Annual Meeting of the Surgical Infection Society, Pittsburgh, PA, May 1-3, 1997.
4. **Buzdon M**, Napolitano LM, Shi JH, Bass BL. Site-specific alterations in intestinal Interleukin-10 (IL-10) synthesis after injury and alcohol ingestion. Presented at the Association of VA Surgeons Twenty-first Annual Surgical Symposium, Louisville, Kentucky, May 4-7, 1997.
5. Napolitano LM, **Buzdon M**, Shi HJ, Bass BL. Interleukin-10 (IL10) receptor expression is downregulated with enterocyte differentiation. Presented at the Society for Surgery of the Alimentary Tract Thirty-Eighth Annual Meeting, Washington, D.C., May 11-14, 1997.
6. Napolitano LM, **Buzdon M**, Shi JH, Bass BL. Reciprocal expression of IL-10 and IL-6 in enterocyte-immunocyte coculture. Presented at the Surgical Forum, American College of Surgeons March 1997.
7. Napolitano LM, **Buzdon M**, Shi JH, Bass BL. Traumatic injury induces tissue-specific alterations in IL-10 expression. Presented at the Fifty-Seventh Annual Meeting of the American Association for the Surgery of Trauma, Waikoloa, Hawaii, September 24-27, 1997.
8. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Gut T-cell phenotype is altered after femur fracture. Presented at the Society for University Surgeons Residents' Program, August 1997.
9. **Buzdon M**, Napolitano LM, Shi HJ, Bass BL. Gut T-cell phenotype is altered after femur fracture. Presented at the Eighteenth Annual Meeting of the Surgical Infection Society, New York, NY, April 30 - May 2, 1998.
10. **Buzdon M**, Summers S, Napolitano LM, Wang JY, Bass BL. Differentiation decreases enterocyte adhesion and integrin expression: A mechanism of villus tip release. Presented at the American College of Surgeons Surgical Forum, October 1998.
11. **Buzdon M**, Cho E, Jacobs SC, Flower JL. Warm ischemia time does not correlate with recipient graft function in laparoscopic donor nephrectomy. Presented at the Society of American Gastrointestinal Endoscopic Surgeons, New York, NY, March 2002.
12. **Buzdon MM**, Forastiere A, Liao P, Heitmiller RF. Laparoscopic Staging for Esophageal Cancer. Video presentation at American College of Surgeons, San Francisco, CA, October 2005.

BOOK CHAPTERS

Jarrell BE, **Buzdon M**, Bochicchio, D. Perioperative Surgical Care. In: Jarrell, BE (Editor), *NMS Surgery Case Book*, First Edition. Lippincott, Williams and Wilkins, Philadelphia, 2003.

Jarrell BE, **Buzdon M**. Postoperative Surgical Care. In: Jarrell, BE (Editor), *NMS Surgery Case Book*, First Edition. Lippincott, Williams and Wilkins, Philadelphia, 2003.

Jarrell BE, Flowers JL, **Buzdon M**. Upper Gastrointestinal Tract Disorders. In: Jarrell, BE (Editor), *NMS Surgery Case Book*, First Edition. Lippincott, Williams and Wilkins, Philadelphia, 2003.

Jarrell BE, Scalea T, **Buzdon M**. Trauma, Burns and Sepsis. In: Jarrell, BE (Editor), *NMS Surgery Case Book*, First Edition. Lippincott, Williams and Wilkins, Philadelphia, 2003.

Heitmiller RF, **Buzdon MM**. Surgery for Achalasia and Other Motility Disorders. In: Yeo, Zuidema (Editors), *Surgery of the Alimentary Tract 6th edition, Volume I*, WB Saunders, in press

Heitmiller RF, **Buzdon MM**. Benign Tumors and Cysts of the Esophagus. In: Kaiser, Kron and Spray (Editors), *Mastery of Cardiothoracic Surgery*, Lippincott-Raven, in press

Buzdon M, Cho ES. Donor Nephrectomy. In: Assalia, Gagner and Schein (Editors), *Controversies in Laparoscopic Surgery*, Springer-Verlag, 2006.