

Stacey Denise Moore-Olufemi, M.D., F.A.C.S, F.A.A.P

Biographical:

Present Title

Assistant Professor

Education:

- 2007-2009 The University of Texas Medical School-Houston, Children's Memorial-Hermann Hospital, Houston, Texas. **Pediatric Surgery Fellow.**
- 2001-2007 The University of Texas Medical School-Houston, Department of Surgery, Houston, Texas. **General Surgery Resident.**
- 2000-2001 University of Arizona, Department of Surgery, Tucson, Arizona. **General Surgery Intern.**
- 1996-2000 University of Cincinnati College of Medicine, Cincinnati, Ohio. **Doctorate of Medicine**, June, 2000.
- 1990-1995 Texas Southern University, Houston, Texas.
Bachelor of Science, Chemistry, *magna cum laude*.

Licensure and Certifications:

Licensure:

Texas

Certifications:

American Board of Surgery – General Surgery
American Board of Surgery – Pediatric Surgery

Professional Organizations:

Local:

2001 Harris County Medical Society

Regional:

2001 Texas Medical Association

National:

2003 Fellow, American College of Surgeons
2005 Member, Association of Women Surgeons
2006 Member, Society of Black Academic Surgeons
2008 Member, Association for Academic Surgery
2009 Fellow, American Academy of Pediatrics

2009 Member, American Neurogastroenterology & Motility Society
2009 Member, American Society for Parenteral and Enteral Nutrition
2009 Member, American Pediatric Surgical Association

Honor and Awards:

2004 Shock Society Travel Award
2004 Outstanding Basic Science Paper, American College of Surgeons South Texas Chapter Annual Meeting
2011 Dean's Teaching Excellence Award

Work Experience:

Summer 1997 University of Cincinnati College of Medicine, Cincinnati, Ohio, **Anesthesia Extern.** Performed history and physical examinations. Participated in IV and A-line placement and intubations.
1992-1994 United States Coast Guard Reserve, Houston, Texas. **Seamen Apprentice.** Performed boarding of foreign and domestic vessels entering the Port of Houston.

Research Experience:

2002-2004 University of Texas Medical School-Houston, Division of Trauma and Critical Care, Houston, Texas, **Trauma Research Fellow.** The scope of my research focuses on gut ischemia/reperfusion injury, intestinal preconditioning and resuscitation-induced gut edema.
Summer 1994 National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland. **Summer Intern.** Synthesized pyrazolo [3, 4-b] pyridine analogs as adenosine receptor antagonists.
Winter 1994 University of Miami School of Medicine, Miami Florida. **Research Trainee.** Prepared agarose gels, isolated genomic DNA, conducted electrophoresis and ran protein assays.
1993-1994 Baylor College of Medicine, Houston, Texas. **Research Trainee.** Performed radioimmunoassay, atomic adsorption spectrophotometry, nitrogen tests and data entry.

Leadership Experience:

2010-2013 Women in Surgery Committee. Member.
2009-2011 Leadership Committee. Member. Association for Academic Surgery. Participated in organizing the 2010 6th Annual Career Development Course in Washington, D.C.
Summer 2005 Undergraduate Student Summer Research Program. **Mentor.** Coordinated (Meshack Mwangi) and advised undergraduate summer research experience for first year undergraduate student.

Summer 2003 Medical Student Summer Research Program. **Mentor**. Coordinated (Jeff Padalecki) and advised summer research project for first year medical student. Summer research project presented at local research competition.

Grant Support:

- 2011- Molecular pathophysiology of gastroschisis-related intestinal dysfunction. Harold Amos Medical Faculty Development Program. The Robert Wood Johnson Foundation. Amount \$420,000. The University of Texas Health Science Center Houston. Houston, Texas.
- 2009-2010 Regenerative Capabilities (Mechanisms) of Intestinal Stem Cells in Necrotizing Enterocolitis, Texas Medical Center-Digestive Disease Center. Amount: \$25,000.00. The University of Texas Medical School, Houston, Texas. Completed.
- 2003-2004 Trauma Research Training Award (T32), NIGMS. Grant # T32 GM08792. The University of Texas Medical School, Houston, Texas. Completed.
- 2002-2003 Minority Supplement Award, NIGMS. Amount: \$67,390.00. Grant # P50 GM38529-14S1. The University of Texas Medical School-Houston, Houston, Texas. Completed.
- 1993-1995 MARC Undergraduate Student Training Award (T34), NIGMS. Grant # T34 GM007659. Texas Southern University, Houston Texas. Completed.

Presentations:

1. S.K. Shah, C.S. Cox, K.R. Aroom, H. Xue, P.A. Walker, B.S. Gill, F. Jimenez, **S.D. Moore-Olufemi**. Non-occlusive Mesenteric Hypertension: Elucidating The Pathophysiology Of Gastroschisis-Related Intestinal Dysfunction. Academic Surgical Congress February, 2011; Presentation, Huntington Beach, CA.
2. S Shah, M.D., CS Cox, Jr. M.D., H Xue, M.D., F Jimenez, M.S., P Walker, M.D. and **SD Moore-Olufemi**, M.D. Gastroschisis-Related Intestinal Dysfunction: Development and Characterization of a Novel Rat Model. American College of Surgeons Surgical Forum October, 2010; Presentation, Washington, DC.
3. **SD Moore-Olufemi**, SK Shah, H Xue, F Jimenez, P Walker and CS Cox, Jr. A novel postnatal animal model to study gastroschisis-related gut dysfunction. International Neurogastroenterology and Motility Meeting August, 2010; Presentation, Boston, MA.
4. S. K. Shah, **S. D. Moore-Olufemi**, K. S. Uray, F. Jimenez, P. A. Walker, H. Xue, R. H. Stewart, G. A. Laine and C. S. Cox Jr. A murine model for the study of edema induced intestinal contractile dysfunction. International Neurogastroenterology and Motility Meeting August, 2010; Presentation, Boston, MA.
5. **SD Moore-Olufemi**, S-E Olufemi, H Xue, RS Radhakrishnan, SJ Allen, FA Moore, R Stewart, GA Laine, C. S. Cox, Jr. Transcriptional analysis of gut edema in rat intestine following pretreatment with selective iNOS inhibitor L-Nil. Association for Academic Surgery Annual Meeting February, 2007; Presentation, Phoenix, AZ.

6. **SD Moore-Olufemi** MD, S Lott PhD, S-E Olufemi PhD, N Sato MD, R Kozar MD, F Moore MD, R Radhakrishnan MD, C Cox, Jr MD and B Kone MD. Transcriptional profiling of ischemic preconditioning in rat intestine following ischemia/reperfusion injury. American College of Surgeons Surgical Forum October, 2006; Presentation, Chicago, IL.
7. **SD Moore-Olufemi**, M.D., J. Padalecki, MS III, H Xue, M.D., RS Radhakrishnan, M.D., SJ Allen , M.D., FA Moore, M.D., R Stewart, DVM, Ph.D., GA Laine, Ph.D. and CS Cox, Jr. M.D. Early Enteral Nutrition Improves Gut Edema Associated Ileus. Society of Black Academic Surgeons Annual Meeting April, 2006 Cincinnati, OH.
8. **SD Moore-Olufemi**, M.D., J. Padalecki, MS III, H Xue, M.D., RS Radhakrishnan, M.D., SJ Allen , M.D., FA Moore, M.D., R Stewart, DVM, Ph.D., GA Laine, Ph.D. and CS Cox, Jr. M.D. Early Enteral Nutrition Improves Gut Edema Associated Ileus. American College of Surgeons Surgical Forum October, 2005; Presentation, San Francisco, CA.
9. **SD Moore-Olufemi**, H Xue, SJ Allen, FA Moore, R Stewart, GA Laine and CS Cox, Jr. Effects of Primary And Secondary Intra-Abdominal Hypertension On Mesenteric Lymph Flow: Implications For The Abdominal Compartment Syndrome. Society of Black Academic Surgeons Annual Meeting April, 2005 Pittsburgh, PA.
10. **SD Moore-Olufemi**, FA Moore, EA Gonzalez, K Ban, E Fields, BC Kone, RA Kozar. Transcriptional profiling of hypertonic saline in rat small intestine. Shock Society, June, 2007, Baltimore, MD.
11. **SD Moore-Olufemi**, M.D., H Xue, M.D., BO Attuwaybi, M.D, Y Harari, DH Oliver, M.D., N Weisbrodt, Ph.D., SJ Allen, M.D., FA Moore, M.D., R Stewart, DVM, Ph.D., GA Laine, Ph.D. and CS Cox, Jr., M.D. Inhibition of intestinal transit by resuscitation-induced gut edema is reversed by administration of L-NIL. Association for Academic Surgery Annual Meeting November, 2004 Houston, TX.
12. **SD Moore-Olufemi**, MD, Hasen Xue, MD, SJ Allen, MD, FA Moore, MD, R Stewart, DVM, PhD, GA Laine, PhD and CS Cox, MD. Gut edema alters expression of tight junction proteins. American College of Surgeons Surgical Forum October, 2004; Presentation, New Orleans, LA.
13. **S. D. Moore-Olufemi** M.D., Rosemary A. Kozar, M.D., Ph.D., Frederick A. Moore, M.D., Heitham T. Hassoun, M.D., N. Sato, M.D., Charles S. Cox, Jr., M.D. and Bruce C. Kone, M.D. Ischemic preconditioning protects against intestinal dysfunction and mucosal injury after ischemia/reperfusion injury. Shock Society 2004. Abstract#179.
14. **SD Moore-Olufemi**, MD, Hasen Xue, MD, SJ Allen, MD, FA Moore, MD, R Stewart, DVM, PhD, GA Laine, PhD and CS Cox, MD. Effects of primary and secondary intra-abdominal hypertension on mesenteric lymphatic resistance and flow. Society of University Surgeons, 2004; Presentation.
15. BO Attuwaybi, M.D., RA Kozar, M.D., Ph.D., **SD Moore-Olufemi**, M.D., N Sato, M.D., HT Hassoun, M.D., N Weisbrodt Ph.D. and FA Moore, MD. Heme-oxygenase-1 (HO-1) induction by Hemin protects against gut ischemia/reperfusion injury. Association for Academic Surgery, 2003; Abstract#10.
16. **SD Moore-Olufemi**, M.D., Hasen Xue, M.D., Bashir Attuwaybi, M.D, Yael Harari, DH Oliver, M.D., SJ Allen, M.D., FA Moore, M.D., R Stewart, DVM, Ph.D., GA Laine, Ph.D. and CS Cox, M.D. A model of acute hydrostatic edema: effects on gut function and mucosa. American Association for the Surgery of Trauma, 2003; Abstract #100.
17. **SD Moore-Olufemi** MD, RA Kozar MD, PhD, BO Attuwaybi MD, R DeSoignie MS, K Gates, and FA Moore MD. Hypertonic saline enhances mucosal blood flow and lessens mucosal injury following gut ischemia/reperfusion. Shock Society 2003; Abstract #200.

18. **Stacey Moore**, John Daly, Kira Hutchinson, S. Secunda, Dan Shi and William Padgett. 1-Phenyl-4-Substituted-1-H-Pyrazolo [3, 4-b] Pyridine-5-Carboxylic Acid Derivates: Effect of structural alterations on activity at A₁ and A₂-Adenosine receptors. 1994 National Institutes of Health Poster Day Session.
19. **Stacey Moore**, Nancy Butte, J. Hopkinson and K. Motil. The effect of body composition on hormonal levels during late gestation. Federation of American Societies for Experimental Biology 1994; Abstract #321.

Published Abstracts:

1. S.K. Shah, C.S. Cox, K.R. Aroom, H. Xue, P.A. Walker, B.S. Gill, F. Jimenez, **S.D. Moore-Olufemi**. Non-occlusive Mesenteric Hypertension: Elucidating The Pathophysiology Of Gastroschisis-Related Intestinal Dysfunction. Journal of Surgical Research. 165 (2): 180, 2011.
2. Shinil K. Shah, Charles S. Cox, Hasen Xue, Fernando Jimenez, Peter A. Walker, **Stacey D. Moore-Olufemi**. Gastroschisis-related intestinal dysfunction: Development and characterization of a novel postnatal rat model. Journal of the American College of Surgeons, 211S1 (3): S69, 2010.
3. Shah SK, Uray KS, Xue H, Velez N, **Moore-Olufemi SD**, Kots AY, Choi B, Stewart RH, Laine GA, Cox CS Jr. Signal Transduction Cascades Initiated by Intestinal Edema: The iNOS/NO Pathway. Journal of Surgical Research. 158(2):295, 2010.
4. **SD Moore-Olufemi**, FA Moore, EA Gonzalez, K Ban, E Fields, BC Kone, RA Kozar. Transcriptional profiling of hypertonic saline in rat small intestine. Shock, 27S: 173, 2007.
5. **SD Moore-Olufemi**, S-E Olufemi, H Xue, RS Radhakrishnan, SJ Allen, FA Moore, R Stewart, GA Laine, C. S. Cox, Jr. Transcriptional analysis of gut edema in rat intestine following pretreatment with selective iNOS inhibitor L-NIL. Journal of Surgical Research. 137(2): 156-57, 2006.
6. R.S Radhakrishnan, HR Radhakrishnan, H Xue, SH Lance, US Ramaswamy, PL Sankaran, **SD Moore-Olufemi**, SJ Allen, CS Cox, Jr. Hypertonic saline redistributes intestinal tissue water and is associated with aquaporin 4 upregulation. Journal of Surgical Research, Feb; 137(2): 208, 2006.
7. RS Radhakrishnan, H Xue, K Felix, **SD Moore-Olufemi**, FA Moore, SJ Allen, CS Cox, Jr. Improvement in cardiac function by mesenteric lymphatic diversion (LD) in the setting of intestinal ischemia/reperfusion (IR) is not mediated by NFkB or TNF-alpha dependent pathways. Journal of Surgical Research, Feb; 137(2): 156-57, 2006.
8. **SD Moore-Olufemi MD**, S Lott PhD, S-E Olufemi PhD, N Sato MD, R Kozar MD, F Moore MD, R Radhakrishnan MD, C Cox, Jr MD and B Kone MD. Transcriptional profiling of ischemic preconditioning in rat intestine following ischemia/reperfusion injury. Journal of the American College of Surgeons, 203S1 (3):S45, 2006.
9. RS Radhakrishnan MD, G Ramaswamy MD, H Radhakrishnan BA, S Adams MD, B Saunders BA, K Felix PhD, **S Moore-Olufemi MD**, F Moore MD, C Cox, Jr MD and B Kone MD. Pretreatment with BMP-7 mimics protective effects of ischemic preconditioning (IPC) following intestinal ischemia/reperfusion (IR) injury in the intestine and liver. Journal of the American College of Surgeons, 203S1 (3):S18-19, 2006.

10. **SD Moore-Olufemi**, M.D., J. Padalecki, MS III, H Xue, M.D., RS Radhakrishnan, M.D., SJ Allen , M.D., FA Moore, M.D., R Stewart, DVM, Ph.D., GA Laine, Ph.D. and CS Cox, Jr. M.D. Early enteral nutrition improves gut edema associated ileus. Journal of the American College of Surgeons, 201S1 (3):32, 2005.
11. **SD Moore-Olufemi**, M.D., H Xue, M.D., BO Attuwaybi, M.D, Y Harari, DH Oliver, M.D., N Weisbrodt, Ph.D., SJ Allen, M.D., FA Moore, M.D., R Stewart, DVM, Ph.D., GA Laine, Ph.D. and CS Cox, Jr., M.D. Inhibition of Intestinal Transit by resuscitation-induced gut edema is reversed by administration of L-NIL. Journal of Surgical Research, 121(2): 334, 2004.
12. Suliburk JW, Gonzalez EA, **Moore-Olufemi SD**, Weisbrodt NW, Mercer DW. Ketamine does not reverse lipopolysaccharide (LPS) induced ileus. Journal of Surgical Research, 121(2): 333, 2004.
13. **SD Moore-Olufemi**, MD, Hasen Xue, MD, SJ Allen, MD, FA Moore, MD, R Stewart, DVM, PhD, GA Laine, PhD and CS Cox, MD. Gut edema alters expression of tight junction proteins. Journal of the American College of Surgeons, 199S1(3):39, 2004.
14. **S. D. Moore-Olufemi** M.D., Rosemary A. Kozar, M.D., Ph.D., Frederick A. Moore, M.D., Heitham T. Hassoun, M.D., N. Sato, M.D., Charles S. Cox, Jr., M.D. and Bruce C. Kone, M.D. Ischemic preconditioning protects against intestinal dysfunction and mucosal injury after ischemia/reperfusion injury. Shock, 21S: 59, 2004.
15. N. Sato, R. A. Kozar, L. Zou, **S. Moore-Olufemi**, N. Weisbrodt and F. A. Moore. Cyclooxygenase-2 (COX-2) plays a role in mediating impaired intestinal transit after gut ischemia/reperfusion (I/R). Journal of Surgical Research, 114(2):287-88, 2003.
16. BO Attuwaybi, M.D., RA Kozar, M.D., Ph.D., **SD Moore-Olufemi**, M.D., N Sato, M.D., HT Hassoun, M.D., N Weisbrodt Ph.D. and FA Moore, MD. Heme-oxygenase-1 (HO-1) induction by hemin protects against gut ischemia/reperfusion injury. Journal of Surgical Research, 114(2): 289, 2003.
17. **SD Moore-Olufemi** MD, RA Kozar MD, PhD, BO Attuwaybi MD, R DeSoignie MS, K Gates, and FA Moore MD. Hypertonic saline enhances mucosal blood flow and lessens mucosal injury following gut ischemia/reperfusion. Shock, 19S:200, 2003.
18. BO Attuwaybi MD, RA Kozar MD, PhD, **SD Moore-Olufemi**, MD, K Gates, HT Hassoun, MD and FA Moore MD. Hypertonic saline induces HO-1 expression and abrogates gut inflammation and dysfunction following shock-induced gut ischemia/reperfusion. Shock, 19S:196, 2003.

Publications:

1. Shinil SK, Aroom KR, Walker PA, Xue H, Jimenez F, Gill BS, Cox CS, Jr., and **Moore-Olufemi SD**. Effects of Non-Occlusive Mesenteric Hypertension on Intestinal Function: Implications for Gastroschisis-Related Intestinal Dysfunction. Pediatric Research 2012; In press.
2. Shah SK, Jimenez F, Letourneau PA, Walker PA, **Moore-Olufemi SD**, Stewart RH, Laine GA, Cox CS Jr. Strategies for modulating the inflammatory response after decompression from abdominal compartment syndrome. Scandinavian Journal of Trauma, Resuscitation, and Emergency Medicine 2012; In press.

3. Shah SK, Walker PA, **Moore-Olufemi SD**, Sundaresan A, Kulkarni AD, Andrassy RJ. An Evidence-Based Review of a Lentinula edodes Mushroom Extract as Complementary Therapy in the Surgical Oncology Patient. *JPEN J Parenter Enteral Nutr.* 2011 Jul;35(4):449-58.
4. **Moore-Olufemi S**, Herzog C, Warneke C, Gershenwald JE, Mansfield P, Ross M, Prieto V, Lally KP, Hayes-Jordan A. Outcomes in Pediatric Melanoma: Comparing Prepubertal to Adolescent Pediatric Patients. *Ann Surg.* 2011 Jun;253(6):1211-5.
5. Shah SK, **Moore-Olufemi SD**, Uray KS, Jimenez F, Walker PA, Xue H, Stewart RH, Laine GA, Cox Jr CS. A murine model for the study of edema induced intestinal contractile dysfunction. *Neurogastroenterol Motil.* 2010 Oct; 22(10):1132-e290.
6. Shah SK, Xue H, Jimenez F, Kots AY, Choi BK, Uray KS, Walker PA, **Moore-Olufemi SD**, Velez N, Stewart RH, Laine GA, Cox CS Jr. Evaluating the Potential Role of Nitric Oxide as a Mediator of Hydrostatic Edema Meditated Intestinal Contractile Dysfunction. *J Surg Res.* 2010 Sep; 163(1):102-9.
7. **Moore-Olufemi SD**, Olufemi SE, Lott S, Sato N, Kozar RA, Moore FA, Radhakrishnan RS, Shah S, Jimenez F, Kone BC, Cox CS Jr. Intestinal Ischemic Preconditioning After Ischemia/Reperfusion Injury in Rat Intestine: Profiling Global Gene Expression Patterns. *Dig Dis Sci.* 2010 Jul; 55(7):1866-77.
8. Shah SK, Fogle LN, Aroom KR, Gill BS, **Moore-Olufemi SD**, Jimenez F, Uray KS, Walker PA, Stewart RH, Laine GA, Cox CS Jr. Hydrostatic intestinal edema induced signaling pathways: potential role of mechanical forces. *Surgery.* 2010 Jun; 147(6):772-9.
9. **Moore-Olufemi SD**, Padalecki J, Olufemi SE, Xue H, Oliver DH, Radhakrishnan RS, Allen SJ, Moore FA, Stewart R, Laine GA, Cox CS Jr. Intestinal edema: effect of enteral feeding on motility and gene expression. *J Surg Res.* 2009 Aug; 155(2):283-92.
10. Radhakrishnan RS, Radhakrishnan GL, Radhakrishnan HR, Xue H, Adams SD, **Moore-Olufemi SD**, Harting MT, Cox CS Jr, Kone BC. Pretreatment With Bone Morphogenetic Protein-7 (BMP7) Mimics Ischemia Preconditioning (IPC) Following Intestinal Ischemia/Reperfusion (IR) Injury In The Intestine and Liver. *Shock.* 2008 Nov;30(5):532-6.
11. **SD Moore-Olufemi**, A Cheng and G Vercruyse. Adrenal Cortical Carcinoma: Image of the Month. *Archives of Surgery.* 2007; Jun;142(6):569-70.
12. Radhakrishnan RS, Radhakrishnan HR, Xue H, **Moore-Olufemi SD**, Mathur AB, Weisbrodt NW, Moore FA, Allen SJ, Laine GA, Cox CS Jr. Hypertonic Saline Reverses Stiffness in a Sprague-Dawley Rat Model of Acute Intestinal Edema, Leading to Improved Intestinal Function. *Crit Care Med.* 2007 Feb;35(2):538-43.
13. Radhakrishnan RS, Shah K, Xue H, **Moore-Olufemi SD**, Moore FA, Weisbrodt NW, Allen SJ, Gill B, Cox CS Jr. Measurement of Intestinal Edema Using an Impedance Analyzer Circuit. *Journal of Surgical Research,* Mar;138(1):106-10.
14. Radhakrishnan RS, Xue H, **Moore-Olufemi SD**, Weisbrodt NW, Moore FA, Allen SJ, Laine GA, Cox CS Jr. Hypertonic saline resuscitation prevents hydrostatically induced intestinal edema and ileus. *Crit Care Med.* 2006; 34(6): 1713-8.
15. N Sato, FA Moore, BC Kone, L Zou, MA Smith, MA Childs, **S Moore-Olufemi**, SG Schultz, RA Kozar. Differential Induction of PPAR_ by Luminal Glutamine and iNOS by Luminal Arginine in the Rodent Post Ischemic Small Bowel: Effects OF Luminal Nutrients in the Postischemic Gut. *Am J Physiol Gastrointest Liver Physiol.* 2006; 290(4): G16-23.

16. Sato N, Kozar RA, Weatherall J, Zou L, Attuwaybi B, **Moore-Olufemi SD**, Weisbrodt NW, Moore FA. PPAR gamma mediates COX-2 induced gut dysfunction in a rodent model of mesenteric ischemia/reperfusion. *Shock*. 2005; 24(5):462-469.
17. **SD Moore-Olufemi**, H Xue, SJ Allen, FA Moore, R Stewart, GA Laine and CS Cox, Jr. Inhibition of Intestinal Transit by Resuscitation-Induced Gut Edema is Reversed by Administration of L-NIL. *Journal of Surgical Research*. 2005;129(1):1-5.
18. Suliburk JW, Gonzalez EA, **Moore-Olufemi SD**, Weisbrodt N, Moore FA, Mercer DW. Ketamine Inhibits Lipopolysaccharide (LPS) Induced Gastric Luminal Fluid Accumulation. *Journal of Surgical Research*. 2005; 127(2):203-7.
19. **SD Moore-Olufemi**, H Xue, SJ Allen, FA Moore, R Stewart, GA Laine and CS Cox, Jr. Effects of Primary And Secondary Intra-Abdominal Hypertension On Mesenteric Lymph Flow: Implications For The Abdominal Compartment Syndrome. *Shock*. 2005;23(6):571-575.
20. Sato N, Moore FA, Smith MA, Zou L, **Moore-Olufemi S**, Schultz SG, Kozar RA. Immune-enhancing enteral nutrients differentially modulate the early proinflammatory transcription factors mediating gut ischemia/reperfusion. *Journal of Trauma*. 2005;58(3):455-61.
21. **S. D. Moore-Olufemi**, Rosemary A. Kozar, Frederick A. Moore, Heitham T. Hassoun, N. Sato, Charles S. Cox, Jr. and Bruce C. Kone. Ischemic Preconditioning Protects Against Intestinal Dysfunction and Mucosal Injury after Ischemia/Reperfusion Injury. *Shock*. 2005; 23(3):258-63.
22. **SD Moore-Olufemi**, H Xue, BO Attuwaybi, Y Harari, DH Oliver, N Weisbrodt, SJ Allen, FA Moore, R Stewart, GA Laine and CS Cox, Jr. Resuscitation-Induced Gut Edema: Effects on Gut Function. *Journal of Trauma*. 2005; 58(2): 264-70.
23. Bashir Attuwaybi, MD, Rosemary Kozar, MD, PhD, **Stacey Moore-Olufemi**, MD, Frederick A. Moore, MD. Hypertonic Saline Prevents Inflammation and Impaired Intestinal Transit After Gut Ischemia/Reperfusion By Inducing Heme Oxygenase-1 (HO-1) Enzyme. *Journal of Trauma*. 2004; 56(4):749-58.
24. BO Attuwaybi, RA Kozar, SD **Moore-Olufemi**, N Sato, HT Hassoun, N Weisbrodt and FA Moore. Heme-Oxygenase-1 (HO-1) Induction By Hemin Protects Against Gut Ischemia/Reperfusion Injury. *Journal of Surgical Research*. 2004; 118(1): 53-57.
25. Dan Shi, William L. Padgett, Kira D. Hutchinson, **Stacey D. Moore** and John Daly. Pyrazolopyridines: Effect of Structural Alterations on Activity at Adenosine-and GABA_A-Receptors. *Drug Development Research*. 1997; 42:41-56.