

RESIDENCY RESEARCH REQUIREMENTS, AWARDS, PUBLICATIONS AND PRESENTATIONS

January 2002 to October 2008

A. Resident Research Requirements –

Residents of the Department of Surgery are expected to complete either two research studies (either prospective or retrospective) or one research study and one case report during their residency training. Completion entails production of manuscripts that are worthy of submission for publication.

B. Awards at Regional/National Conferences –

Dr. Matthew C. Byrnes won the **Resident Trauma Competition**, in the clinical category, at the Annual Meeting of the Kansas Chapter of the American College of Surgeons, held in Wichita, Kansas September 7, 2002 for the study, “Resident Work Hours Survey.” Co-authored by MJ Niederee, J Knudtson, RS Smith, and SD Helmer.

Dr. Jason L. Knudtson won the **Student/Resident Research Award**, at the University of Kansas School of Medicine – Wichita 11th Annual Research Forum, held in Wichita, Kansas October 8th, 2002 for the study, “A Survey of Residents and Faculty Regarding Work Hour Limitations in Surgical Training Programs.” Co-authored by MJ Niederee, MC Byrnes, SD Helmer, and RS Smith.

Dr. Matthew C. Byrnes won the **Region VII Resident’s Trauma Research Paper Competition**, in the clinical category at the 25th Annual Advances in Trauma Meeting as part of the Region VII Resident Competition of the American College of Surgeons Committee on Trauma, in Kansas City, December 5, 2002, for his manuscript, “Resident Work Hours Survey.” Co-authored by MJ Niederee, JL Knudtson, RS Smith, and SD Helmer.

Dr. Kimberly Ponnuru won the **Resident Trauma Competition**, in the clinical category, at the Annual Meeting of the Kansas Chapter of the American College of Surgeons, held in Overland Park, Kansas September 6, 2003 for the study, “Level II Trauma Activation: Evaluation of Triage Criteria.” Co-authored by S Ponnuru, M Hague, JM Dort, and RS Smith.

Dr. Kimberly Ponnuru won the **Student/Resident Research Award**, at the University of Kansas School of Medicine – Wichita 12th Annual Research Forum, held in Wichita, Kansas October 7th, 2003 for the study, “Level II Trauma Activation: Evaluation of Triage Criteria.” Co-authored by S Ponnuru, M Hague, SD Helmer, JM Dort, and RS Smith.

Dr. Kimberly Ponnuru won the **Region VII Resident’s Trauma Research Paper Competition**, in the clinical category at the 26th Annual Advances in Trauma Meeting as part of the Region VII Resident Competition of the American College of Surgeons Committee on Trauma, in Kansas City, Missouri, December 11, 2003, for the study, “Level II Trauma Activation: Evaluation of Triage Criteria.” Co-authored by S Ponnuru, M Hague, SD Helmer, JM Dort, and RS Smith.

Dr. Matthew C. Byrnes won the **Resident Trauma Competition**, in the clinical category, at the Annual Meeting of the Kansas Chapter of the American College of Surgeons, held in Wichita, Kansas September 11, 2004 for the study, "Impact of Resident Work-Hour Restrictions on Trauma Care." Co-Authored By VC Narciso, RS Smith, SD Helmer.

Dr. Matthew C. Byrnes won the **Region VII Resident's Trauma Research Paper Competition**, in the clinical category at the 27th Annual Advances in Trauma Meeting as part of the Region VII Resident Competition of the American College of Surgeons Committee on Trauma, in Kansas City, December 9, 2004, for his manuscript, "Impact of Resident Work-Hour Restrictions on Trauma Care." Co-Authored By VC Narciso, RS Smith, SD Helmer.

Dr. Luke Y. Shen won the **Resident Trauma Competition**, in the clinical category, at the Annual Meeting of the Kansas Chapter of the American College of Surgeons, held in Overland Park, Kansas September 10, 2005 for the study, "Shift Work" Improves Survival and Reduces ICU Utilization in Seriously Injured Patients. Co-Authored by S.D. Helmer and R.S. Smith.

Dr. Luke Y. Shen won the **Region VII Resident's Trauma Research Paper Competition**, in the clinical category at the 28th Annual Advances in Trauma Meeting as part of the Region VII Resident Competition of the American College of Surgeons Committee on Trauma, in Kansas City, Missouri, December 8, 2005, for his manuscript, "Shift Work" Improves Survival and Reduces ICU Utilization in Seriously Injured Patients. Co-Authored by S.D. Helmer and R.S. Smith.

Dr. Bratcher L. Runyan won the **Resident Trauma Competition**, in the clinical category, at the Annual Meeting of the Kansas Chapter of the American College of Surgeons, held in Wichita, Kansas September 9, 2006 for the study, "Motor vehicle crash scene characteristics as predictors of Outcome." Co-Authored by L.Y. Shen, S.D. Helmer and R.S. Smith.

Janae Maher won the **Resident Trauma Competition**, in the clinical category, at the Annual Meeting of the Kansas Chapter of the American College of Surgeons, held in Overland Park, Kansas September 8, 2007 for the study, "Taser and Taser Associated Injuries: A Case Series." Co-authored by BE Mangus, LY Shen, SD Helmer, and RS Smith.

Dr. Vanessa Voge-Barnett won the **Resident Trauma Competition**, in the clinical category, at the Annual Meeting of the Kansas Chapter of the American College of Surgeons, held in Wichita, Kansas September 6, 2008 for the study "Operative Fixation of Rib Fractures from Blunt Trauma: A New Method of Operative Repair." Co-authored by SD Helmer, and RS Smith.

C. Peer-Reviewed Publications –

1. Nelson PW, Shield CF 3rd, Muruve NA, Murillo D, Warady BA, Aeder MI, Bryan CF. "Increased Access to Transplantation for Blood Group B Cadaveric Waiting List

- Candidates by Using A2 Kidneys: Time for a New National System?" *Am J Transplant* 2002 Jan;2(1):94-9.
2. Smith RS. "Cavitary Endoscopy in Trauma: 2001." *Scand J Surg* 2002;91(1):67-71.
 3. Vorhies RW, Harrison PB, Smith RS, Helmer SD. "Senior Surgical Residents Can Accurately Interpret Trauma Radiographs." *Am Surg* 2002 (Mar);68(3):221-226.
 4. Padmanabhan RS, Byrnes MC, Helmer SD, Smith RS. "Should Esophagectomy be Performed in a Low-Volume Center?" *Am Surg* 2002 (April);68(4):348-352.
 5. Harris CH, Smith RS, Helmer SD, Gorecki JP, Rody RB. "Placement of Intracranial Pressure Monitors by Non-Neurosurgeons." *Am Surg* 2002 (Sep);68(9):787-90.
 6. Bryan CF, McDonald SB, Baier KA, Luger AM, Aeder MI, Murillo D, Muruve NA, Nelson PW, Shield CF 3rd, Warady BA. "Flow Cytometry Beads Rather than the Antihuman Globulin Method Should be used to Detect HLA Class I IGG Antibody (PRA) in Cadaveric Renal Re graft Candidates." *Clin Transplant* 2002;16 Suppl 7:15-23.
 7. Fearing NM, Cusick TE, Helmer SD. "An Evaluation of Resident Training in Breast Procedures." *Am J Surg* 2002(Oct);184(4):369-71.
 8. Niederee MJ, Byrnes MC, Helmer SD, Smith RS. "Delay in Diagnosis of Hollow Viscus Injuries: Effect on Outcome." *Am Surg* 2003(Apr);69(4):293-8; discussion 298-9.
 9. Bryan CF, Harrell KM, Mitchell SI, Warady BA, Aeder MI, Luger AM, Murillo D, Muruve NA, Nelson PW, Shield CF 3rd. "HLA Points Assigned in Cadaveric Kidney Allocation Should be Revisited: An Analysis of HLA Class II Molecularly Typed Patients and Donors." *Am J Transplant* 2003 Apr;3(4):459-64.
 10. Niederee MJ, Knudtson JL, Byrnes MC, Helmer SD, Smith RS. "A Survey of Resident and Faculty Regarding Work-Hour Limitations in Surgical Training Programs." *Arch Surg*. 2003 Jun;138(6):663-9; discussion 669-71.
 11. Baier KA, Markham LE, Flaigle SP, Nelson PW, Shield CF, Muruve NA, Aeder MI, Murillo D, Bryan CF. "Point-of-Care Testing in an Organ Procurement Organization Donor Management Setting." *Clin Transplant* 2003 Jun;17 Suppl 9:48-51.
 12. Knudtson J, Jackson R, Grewal H. "Rectal Duplication." *J Pediatr Surg*. 2003 Jul;38(7): 1119-20.
 13. Reed JA, Smith RS, Helmer SD, Lancaster BA, Carman CG. "Rates of Unemployment and Penetrating Trauma are Correlated." *South Med J* 2003 Aug;96(8):772-4.
 14. Gehr T, Bender F, Fink J, Light P, Elliott K, Shield C, Turner M, Mays C, Parrish J, Armistead N. "Improving Adequacy of Peritoneal Dialysis in ESRD Network 5 (Maryland; Washington, DC; Virginia; West Virginia)." *Adv Perit Dial*. 2003 ;19:86-92.
 15. Corbett H, Paulsen EK, Smith RS, Carman CG. "Paradoxical Bullet Embolus from the Vena Cava: A Case Report." *J Trauma* 2003 Nov;55(5):979-81.

16. Knudtson J, Grewal H. "Pediatric Empyema – An Algorithm for Early Thoracoscopic Intervention." *JSLs* 2004 Jan-Mar;8(1):31-4.
17. Knudtson JL, Dort JM, Helmer SD, Smith RS. "Surgeon-Performed Ultrasound for Pneumothorax in the Trauma Suite." *J Trauma* 2004 Mar;56(3):527-30.
18. Knudtson J, Grewal H. "Thoracoscopic Excision of a Paraesophageal Bronchogenic Cyst in a Child." *JSLs* 2004 Apr-Jun;8(2):179-82.
19. Grewal H, Sweat J, Vazquez WD. "Laparoscopic Appendectomy in Children can be Done as a Fast-Track or Same-Day Surgery." *JSLs* 2004 Apr-Jun;8(2):151-4.
20. Vorhies RW, Waswick WA, Delmore JE, Dort JM, Shaw JW. "Blunt Abdominal Trauma with Ruptured 16-Week Cornual Ectopic Pregnancy." *Am Surg* 2004 Jun;70(6):559-60.
21. Smith RS, Fry WR. "Ultrasound Instrumentation." *Surg Clin North Am.* 2004 Aug;84(4): 953-71.
22. Bryan CF, Tegtmeier GE, Rafik N, Markham LE, Murillo D, Nelson PW, Shield CF 3rd, Warady BA, Aeder MI. "The Risk for Chagas' Disease in the Midwestern United States Organ Donor Population is Low." *Clin Transplant.* 2004;18 Suppl 12:12-5.
23. Bryan CF, Cherikh WS, Cheng Y, Aeder MI, Muruve NA, Nelson PW, Shield CF 3rd, Warady BA, Winklhofer FT. "ABO Blood Group Influences a Candidate's Likelihood of Receiving an HLA Zero Antigen Mismatch Kidney." *Clin Transplant.* 2004;18 Suppl 12:55-60.
24. Ammar AD. "Surgery Versus Stenting: How Medical Device Makers Influence Patient Care." *Stroke* 2004 Dec;35(12):2759-60.
25. Wilson PV, Ammar AD. "The Incidence of Ischemic Stroke versus Intracerebral Hemorrhage after Carotid Endarterectomy: A Review of 2452 Cases." *Ann Vasc Surg* 2005 Jan;19(1):1-4.
26. Byrnes MC, McDaniel MD, Moore MB, Helmer SD, Smith RS. "The Effect of Obesity on Outcomes among Injured Patients." *J Trauma* 2005 Feb;58(2):232-7.
27. Byrnes MC, Huynh K, Helmer SD, Stevens C, Dort JM, Smith RS. "A Comparison of Corrected Serum Calcium Levels to Ionized Calcium Levels among Critically Ill Surgical Patients." *Am J Surg* 2005 Mar;189(3):310-4.
28. Johnson L, Cusick TE, Helmer SD, Osland JS. "Influence of Fibrin Glue on Seroma Formation after Breast Surgery." *Am J Surg* 2005 Mar;189(3):319-23.
29. Fearing NM, Ammar AD, Hutchinson SA, Lucas ED. "Endovascular Stent Graft Repair Of A Persistent Sciatic Artery Aneurysm." *Ann Vasc Surg* 2005 May;19(3):438-41.

30. Arneson MA, Smith RS. "Ruptured Hepatic Artery Aneurysm: Case Report and Review of Literature." *Ann Vasc Surg* 2005 Jul;19(4):540-5.
31. Bryan CF, Winklhofer FT, Murillo D, Ross G, Nelson PW, Shield CF 3rd, Warady BA. "Improving Access to Kidney Transplantation without Decreasing Graft Survival: Long-Term Outcomes of Blood Group A2/A2B Deceased Donor Kidneys in B Recipients." *Transplantation*. 2005 Jul 15;80(1):75-80.
32. Arneson M, Jensen A, Grewal H. "A Kansas Wheat Harvest: Near-Fatal Asphyxiation with Wheat Grains." *J Pediatr Surg* 2005 Aug;40(8):1354-6.
33. Yutzie JD, Shellito JL, Helmer SD, Chang FC. "Gender Differences in General Surgical Careers: Results of a Post-Residency Survey." *Am J Surg* 2005 Dec;190(6):955-9.
34. Byrnes MC, Narciso VC, Brantley L, Helmer SD, Smith RS. "Impact of Resident Work-Hour Restrictions on Trauma Care." *Am J Surg* 2006 Mar;191(3):338-43.
35. Zeisberg M, Khurana M, Rao VH, Cosgrove D, Rougier JP, Werner MC, Shield CF 3rd, Werb Z, Kalluri R. "Stage-Specific Action of Matrix Metalloproteinases Influences Progressive Hereditary Kidney Disease." *PLoS Med* 2006 Apr;3(4):e100. Epub 2006 Mar 7.
36. Shen LY, Marcotte KN, Helmer SD, Dudley MH, Smith RS. Correlation of clinical findings and autopsy results after fatal injury from motor vehicular-related crashes. *Am Surg* 2006 Mar;72(3):282-7.
37. Bryan CF, McDonald SB, Luger AM, Shield CF, Winklhofer FT, Michael Borkon A, Warady BA, Aeder MI, Murillo D. "Successful Renal Transplantation Despite Low Levels of Donor-Specific HLA Class I Antibody Without IVIg Or Plasmapheresis." *Clin Transplant* 2006(Sep-Oct);20(5): 563-70.
38. Schutte WP, Knight PJ. "Precocious Puberty because of a Pancreatic Neuroectodermal Tumor." *J Ped Surg* 2006(Nov);41(11):1916-1918.
39. Hahm K, Lukashev ME, Luo Y, Yang WJ, Dolinski BM, Weinreb PH, Simon KJ, Chun Wang L, Leone DR, Lobb RR, McCrann DJ, Allaire NE, Horan GS, Fogo A, Kalluri R, Shield CF, Sheppard D, Gardner HA, Violette SM. " $\alpha v \beta 6$ Integrin Regulates Renal Fibrosis and Inflammation in Alport Mouse." *Am J Pathol* 2007(Jan);170(1):110-25.
40. Bryan CF, Wakefield M, Reese JC, Shield CF, Warady BA, Winklhofer FT, Murillo D. "Renal Graft Survival is not Influenced by a Positive Flow B-Cell Crossmatch." *Clin Transplant* 2007(Jan-Feb);21(1):72-9.
41. Shen LY, Helmer SD, Huang J, Niyakorn G, Smith RS. "Shift Work" Improves Survival and Reduces ICU Utilization in Seriously Injured Patients." *Am Surg* 2007(Feb);73(2):185-91.
42. Schutte WP, Helmer SD, Salazar L, Smith JL. "Surgical Treatment of Infected Prosthetic Dialysis Arteriovenous Grafts: Total versus Partial Graft Excision." *Am J Surg* 2007(Mar);193(3): 385-8; discussion 388.

43. Bryan CF, Nelson PW, Shield CF, Warady BA, Winkhofer FT, Murillo D, Wakefield MR. "Long-Term Survival of Kidneys Transplanted from Live A Donors to O and B Recipients." *Am J Transplant* 2007(May);7(5):1181-4. Epub 2007 Mar 12.
44. Kendall JL, Hoffenberg SR, Smith RS "History of Emergency and Critical Care Ultrasound: The Evolution of a New Imaging Paradigm." *Crit Care Med* 2007(May);35(5 Suppl):S126-30.
45. Woolard JD, Ammar AD. "Spontaneous Dissection of the Celiac Artery: A Case Report." *J Vasc Surg* 2007(Jun);45(6):1256-8.
46. Farha FS, Ammar AD. "Duplex Ultrasonography Rarely Changes Management Decisions in Chronic Lower Extremity Ischemia." *Ann Vasc Surg* 2007(Jul-Aug);21(4):438-42. Epub 2007 May 17.
47. Shen LY, Helmer SD, Tran MT, Nold RJ, Thomas BW, Vasquez DG. "Percutaneous Tracheostomy Placement with External Laser Light Trans-Illumination Identifies Proper Tracheal Orientation and Improves Surgeon's Insertion Confidence." *Am J Surg* 2007(Sep);194(3):409-12.
48. Breeding JM, Smith RS, Dort JM. "Bullet Embolus to the Heart after Gunshot Wound to the Neck: A Case Report." *Am Surg* 2007(Dec);73(12):1245-6.
49. Everett CB, Helmer SD, Osland JS, Smith RS. "General Surgery Resident Attrition and the 80-Hour Workweek." *Am J Surg* 2007(Dec);194(6):751-6; discussion 756-7.
50. Sweat JA, Dort JM, Smith RS. "Splenic Embolization for Splenic Laceration in a Patient with Mononucleosis." *Am Surg* 2008(Feb);74(2):149-51.
51. Runyan BL, Smith RS, Osland JS. "Progressive Splenomegaly following Splenic Artery Embolization." *Am Surg* 2008(May);74(5):437-9.
52. Poggi JT, Grizzell BE, Helmer SD. "Confirmation of Surgical Decompression to Relieve Migraine Headaches." *Plast Reconstr Surg* 2008(Jul);122(1):115-22; discussion 123-4.
53. Goodnight TJ, Helmer SD, Dort JM, Nold RJ, Gorecki JP, Smith RS. "A Comparison of Flexion and Extension Radiographs with Computed Tomography of the Cervical Spine in Blunt Trauma." *Am Surg* 2008(Sep);74(9):855-7.
54. Mangus BE, Shen LY, Helmer SD, Maher J, Smith RS. "Taser and Taser-Associated Injuries: A Case Series." *Am Surg* 2008(Sep);74(9):862-5.
55. Onesti JK, Mangus BE, Helmer SD, Osland JS. "Breast Cancer Tumor Size: Correlation between Magnetic Resonance Imaging and Pathology Measurements." *Am J Surg* 2008(Dec);196:(in press).

D. Presentations at National/International Conferences –

1. Grewal H, Sweat J, Vazquez D. "Can Laparoscopic Appendectomy in Children be Done as a Same-Day or Outpatient Surgery?" Abstract presented as a poster presentation at the 8th World Congress of Endoscopic Surgery, March 13-16, 2002 in New York, NY.
2. Knudtson J, Grewal H. "Thoracoscopic Excision of a Congenital Para-Esophageal Bronchogenic Cyst in a Child." Abstract presented at the 54th Annual Meeting of The Southwestern Surgical Congress in Coronado, California, April 7 – 10, 2002.
3. Fearing NM, Cusick TE. "Breast Cases – Where Have All the Chiefs Gone? An evaluation of resident training in breast procedures." Abstract presented at the 3rd Annual Meeting of the American Society of Breast Surgeons, April 24-28, 2002 in Boston, Massachusetts.
4. Knudtson JL, Grewal H. "Pediatric Empyema – An Algorithm for Early Thoracoscopic Intervention." Abstract presented at the 11th Annual Congress for Endosurgery in Children, May 2-4, 2002 in Genoa, Italy.
5. Niederee MJ, Helmer SD, and Smith RS. "Do Delays in Diagnosis of Hollow Viscus Injuries Affect Outcome?" Abstract presented at the 45th Annual Meeting of the Midwest Surgical Association, August 11th –14th, 2002, at MacKinac Island, Michigan.
6. Niederee MJ, Knudtson JL, Byrnes MC, Helmer SD, Smith RS. "A Survey of Residents and Faculty Regarding Work Hour Limitations in Surgical Training Programs." Abstract presented at the Annual Meeting of the Western Surgical Association, held November 17 – 20, 2002 in Vancouver, British Columbia, Canada.
7. Johnson L, Jost GD. "Utilization of the Burn Intensive Care Unit for the Management of Necrotizing Fasciitis." Abstract presented at the 15th Annual Regional Burn Conference, held December 5 – 8, 2002 in Louisville, Kentucky.
8. Byrnes MC, Niederee MJ, Knudtson J, Smith RS, Helmer SD. "Resident Work Hours Survey." Abstract presented at the Region VII, Committee on Trauma Resident Paper Competition as part of the 25th Annual Advances in Trauma Meeting, December 5, 2002 in Kansas City, Missouri.
9. Arneson M, Grewal H. "Kansas Wheat Harvest: A Near Fatal Asphyxiation with Wheat Grains." Abstract presented at the 55th Annual Meeting of The Southwestern Surgical Congress, held in Tucson, Arizona, April 27 – 30, 2003.
10. Knudtson JL, Dort JM, Helmer SD, Smith RS. "Surgeon-Performed Ultrasound for Pneumothorax in the Trauma Suite." Abstract presented at the 63rd Annual Meeting of the American Association for the Surgery of Trauma, held in Minneapolis, Minnesota, September 11 – 13, 2003.
11. Byrnes MC, McDaniel MD, Moore MB, Helmer SD, Smith RS. "The Effect of Obesity on Outcomes among Injured Patients." Abstract presented at the 34th Annual Scientific Meeting of the Western Trauma Association, held in Steamboat Springs, Colorado, February 22 – 27, 2004.

12. Shen LY, Harrison PB. "Case Report: Successful Emergent Revascularization after Traumatic Bilateral Vertebral Dissections." Abstract presented at the 56th Annual Meeting of The Southwestern Surgical Congress, held in Monterey, California, April 18 – 21, 2004.
13. Ponnuru K, Ponnuru S, Smith RS, Dort JM, Yutzie J, Helmer SD, Hague M. "Validation of Level II (Non-Physiologic) Trauma Activation Criteria." Abstract presented as a poster presentation at the 64th Annual Meeting of the American Association for the Surgery of Trauma, held in Maui, Hawaii, September 29 – October 1, 2004.
14. Byrnes MC, Huynh K, Helmer SD, Dort JM, Smith RS. "A Comparison of Corrected Serum Calcium Levels to Ionized Calcium Levels among Critically Ill Surgical Patients." Abstract presented at the 47th Annual Meeting of the Midwest Surgical Association, August 15th – 18th, 2004, at MacKinac Island, Michigan.
15. Johnson L, Cusick TE, Helmer SD, Osland JS. "Influence of Fibrin Glue on Seroma Formation Following Breast Surgery." Abstract presented at the 47th Annual Meeting of the Midwest Surgical Association, August 15th – 18th, 2004, at MacKinac Island, Michigan.
16. Yutzie JD, Nold RJ, Helmer SD, Dort JM, Smith RS. "Family Presence During Trauma Resuscitation: The Patient's Perspective." Abstract presented as a poster presentation at the 17th Congress of the PanAmerican Trauma Society, held in Miami Beach, Florida, November 17th – 20th, 2004.
17. Byrnes MC, Huynh K, Helmer SD, Smith RS. "The Effect of Psychiatric Disorders, Drug Use, and Alcohol Use on Outcomes among Traumatically Injured Patients." Abstract presented as a poster presentation at the 17th Congress of the PanAmerican Trauma Society, held in Miami Beach, Florida, November 17th – 20th, 2004.
18. Wetherill TF, Schrader C, Smith RS, Dort JM, Helmer SD. "Trauma "Bounce-Back": A Two-Year Retrospective Review of Trauma Patients and Related Follow-Up Within 30 Days." Abstract presented as a poster presentation at the 17th Congress of the PanAmerican Trauma Society, held in Miami Beach, Florida, November 17th – 20th, 2004.
19. Shen LY, Marcotte KN, Helmer SD, Dudley MH, Smith RS. "Correlation of Clinical Findings and Autopsy Results Following Fatal Injury from Motor Vehicular-Related Accidents." Abstract presented at the 35th Annual Scientific Meeting of the Western Trauma Association, held in Jackson Hole, Wyoming, February 27 – March 4, 2005.
20. Byrnes MC, Narciso VC, Smith RS, Helmer SD. "Impact of Resident Work-Hour Restrictions on Trauma Care." Abstract presented as part of the *2005 Residents Trauma Paper Competition*, at the American College of Surgeons Annual Meeting of the Committee on Trauma in Washington, DC, March 3 – 6, 2005.
21. Shen LY, Milfeld DJ. "Devastating Iatrogenic Air Embolus from Incorrectly Placed Central Line During Vasculitis Evaluation." Abstract presented at the 57th Annual Meeting of The Southwestern Surgical Congress, held in San Antonio, TX, April 10 – 12, 2005.

22. LaMasters TL, Fearing NM, Smith RS, Dort JM. "Can Intraoperative Laparoscopic Ultrasound Replace Intraoperative Cholangiography during Laparoscopic Cholecystectomy?" Abstract presented as a poster presentation at the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting in Hollywood, Florida, April 13 – 16, 2005.
23. Byrnes MC, Narciso VC, Brantley L, Helmer SD, Smith RS. "Impact of Resident Work-Hour Restrictions on Trauma Care." Abstract presented at the 48th Annual Meeting of the Midwest Surgical Association, held in Niagara-on-the-Lake, Ontario, Canada, August 15 – 16, 2005.
24. Shen LY, Helmer SD, Harrison PB. "A Comparative Review of Trauma Service Models Incorporating Surgical Residents versus Mid-Level Support on Patient Care and Outcome at an American College of Surgeons Verified Level I Trauma Center." Abstract presented at the Annual Meeting of the American Association for the Surgery of Trauma, held in Atlanta, Georgia, September 22 – 24, 2005.
25. Shen LY, Helmer SD, Smith RS. "Shift Work" Improves Survival and Reduces ICU Utilization in Seriously Injured Patients. Abstract presented at the Annual Meeting of the Western Surgical Association, held in Palm Springs, California, November 6 – 9, 2005.
26. Shen LY, Helmer SD, Smith RS. "Shift Work" Improves Survival and Reduces ICU Utilization in Seriously Injured Patients." Abstract presented at the Region VII, Committee on Trauma Resident Paper Competition as part of the 28th Annual Advances in Trauma Meeting, December 8, 2005 in Kansas City, Missouri.
27. Shen LY, Helmer SD, Smith RS. "Shift Work" Improves Survival and Reduces ICU Utilization in Seriously Injured Patients." Abstract presented as part of the 2006 *Residents Trauma Paper Competition*, at the American College of Surgeons Annual Meeting of the Committee on Trauma in Chicago, IL, March 16 – 18, 2006.
28. Breeding JM, Osland JS, Cusick TE, Helmer SD. "ADH Diagnosed by Stereotactic Core Biopsy: Upgrade Rate after Open Excisional Biopsy." Abstract presented at the 58th Annual Meeting of The Southwestern Surgical Congress, held in Kauai, Hawaii, April 3 – 7, 2006.
29. Breeding JM, Smith RS, Dort JM. "Bullet Embolus to the Heart after Gunshot Wound to the Neck: A Case Report." Abstract presented at the 58th Annual Meeting of The Southwestern Surgical Congress, held in Kauai, Hawaii, April 3 – 7, 2006.
30. Runyan BL, Smith RS, Osland JS "Progressive Splenomegaly Requiring Delayed Splenectomy Following Splenic Artery Embolization." Abstract presented at the 58th Annual Meeting of The Southwestern Surgical Congress, held in Kauai, Hawaii, April 3 – 7, 2006.
31. Mangus BE, Shen LY, Chang FC. "Severe Hypoglycemia from a Malignant Insulinoma: Aggressive Surgical Management." Abstract presented at the 58th Annual Meeting of The Southwestern Surgical Congress, held in Kauai, Hawaii, April 3 – 7, 2006.

32. Schutte WP, Helmer SD, Smith JL. "Surgical Treatment of Infected Prosthetic Dialysis Arteriovenous Grafts: Total versus Partial Graft Excision." Abstract presented at the 49th Annual Meeting of the Midwest Surgical Association, held in MacKinac Island, Michigan, August 6 – 9, 2006.
33. Byrnes MC, Niederee MJ, Knudtson J, Smith RS, Helmer SD. "Resident Work Hours Survey." Abstract presented at the Region VII, Committee on Trauma Resident Paper Competition as part of the 25th Annual Advances in Trauma Meeting, December 5, 2002 in Kansas City, Missouri.
34. Shen LY, Helmer SD, Harrison PB. "Trauma Service Model Transition to Integrating Mid-Levels and In-House Trauma Surgeons: Experience Makes a Difference in the More Severely Injured." Abstract was presented at the 37th Annual Scientific Meeting of the Western Trauma Association, Steamboat Springs, Colorado, February 25 – March 3, 2007.
35. Everett CB, Helmer SD, Osland JS, Smith RS. "General Surgery Resident Attrition and the 80-Hour Work Week." Abstract presented at the 57th Annual Meeting of the Southwestern Surgical Congress, Palm Springs, California, March 25-28, 2007.
36. Hoehn MR, Smith RS. "Isolated Common Bile Duct Injury in a Pediatric Patient Following Blunt Abdominal Trauma." Abstract presented at the 57th Annual Meeting of the Southwestern Surgical Congress, Palm Springs, California, March 25-28, 2007.
37. Shen LY, Runyan BL, Mangus BE, Helmer SD, Murphy WRC, Milfeld DJ. "Thoracoscopic Talc Pleurodesis: A CO₂ Instillation Technique for Balanced Talc Powder Distribution throughout the Pleural Cavity." Abstract presented at the 57th Annual Meeting of the Southwestern Surgical Congress, Palm Springs, California, March 25-28, 2007.
38. Grizzell BE, Helmer SD, Bongiorno PF. "Saphenous Vein Graft Giant Aneurysm Causing Syncope: Repair Utilizing Left Thoracotomy, Off-Pump Bypass, and Post-Operative Coil Embolization." Abstract presented at the 57th Annual Meeting of the Southwestern Surgical Congress, Palm Springs, California, March 25-28, 2007.
39. Goodnight TJ, Helmer SD, Smith RS. "A Comparison of Flexion/Extension Radiographs with Computed Tomography of the Cervical Spine in Blunt Trauma." Abstract presented at the 42nd World Congress of Surgery of the International Society of Surgery at International Surgical Week ISW 2007, Montreal, Canada, August 26 – 30, 2007.
40. Everett CB, Thomas BW. "Internal Application of a Vacuum Assisted Closure Device in the Swine Model of Grade V Liver Injury." Abstract presented at the Region VII, Committee on Trauma Resident Paper Competition as part of the 30th Annual Advances in Trauma Meeting, in Kansas City, Missouri, December 6, 2007.
41. Maher J, Mangus BE, Shen LY, Helmer SD, Smith RS. "Taser and Taser Associated Injuries: A Case Series." Abstract presented at the Region VII, Committee on Trauma Resident Paper Competition as part of the 30th Annual Advances in Trauma Meeting, in Kansas City, Missouri, December 6, 2007.

42. Woolard JD, Beamer RL. "Simultaneous Gastrointestinal Stromal Tumor and Pheochromocytoma in a Patient without Neurofibromatosis or Carney's Triad." Abstract presented at the 60th Annual Meeting of the Southwestern Surgical Congress, Acapulco, Mexico, March 30 – April 2, 2008.

43. Onesti JK, Mangus BE, Helmer SD, Osland JS. "Breast Cancer Tumor Size: Correlation Between MRI and Pathology Measurements." Abstract presented at the 60th Annual Meeting of the Southwestern Surgical Congress, Acapulco, Mexico, March 30 – April 2, 2008.