

# Daniel L. Davenport, PhD

## Curriculum Vitae

### Faculty Appointment:

- Assistant Professor, University of Kentucky July 2008 – Current  
College of Medicine, Department of Surgery  
(Joint appointment in the Gatton College of Business and Economics)
- Visiting Assistant Professor, University of Kentucky August 2006 – June 2008  
Gatton College of Business and Economics, Decision Sciences and Information Systems Area  
(Joint appointment in the College of Medicine, Department of Surgery)

### Education:

- Doctor of Philosophy in Decision Science and Information Systems May 2006  
University of Kentucky, Lexington, Kentucky
- Master's Degree in Business Administration May 1996  
University of Kentucky, Lexington, Kentucky
- Diplôme Spécial (≈ M.A.) Institute for the Study of Developing Countries June 1988  
Université Catholique de Louvain, Louvain-la-Neuve, Belgium
- Bachelor of Science in Mechanical Engineering June 1984  
University of Minnesota, Minneapolis, Minnesota

### Administrative/Professional Positions:

- Director, Office of Decision Support, 1997-Current  
University of Kentucky Department of Surgery, Lexington, Kentucky
- Financial Analyst, 1995-1997  
University of Kentucky Department of Surgery, Lexington, Kentucky
- Divisional Administrator, 1992-1995  
University of Kentucky Division of General Surgery, Lexington, Kentucky
- Assistant Director, Foundation for the Development of the Sankuru, 1988-1991  
Kinshasa, Democratic Republic of the Congo (formerly Zaïre)

**Publications:**

(most recent listed first, *names of students, residents and/or fellows italicized*)

**Refereed Journal Articles under Review**

**Davenport DL**, *Keach JW*, Zwischenberger JB, Bowe EA, Hatton KW, “Mallampati Score Predicts Anesthesia Preparation Time, Airway Trauma, Prolonged Ventilation and Unplanned Reintubation in Patients Undergoing Non-Emergent Intestinal Surgical Procedures,” under review by *J Clin Anesth*, submitted November 8, 2011.

*Levi Procter*, Cindy F Meier, Cameron Hamilton, *Andrew R Gerughty*, Philip Overall, MD; Pranay Santapuram; **Daniel L Davenport**, Patrick McNamara, Jerold Woodward, “Membrane y+ Cationic Amino Acid Transport of Arginine in Stored Packed Red Blood Cells,” under review by *Surgery*, submitted October 5, 2011.

*Joseph L. Hill*, Lesley Wong, Pamela Kemper, *Jason Buseman*, **Daniel L. Davenport**, Henry C. Vasconez, “Infectious Complications Associated with the Use of Acellular Dermal Matrix in Implant-Based Bilateral Breast Reconstruction,” under review by *Ann Plas Surg*, submitted September 30, 2011.

*Anthony Schlake*, Andrew P Cap, *Timothy Atkinson*, **Daniel Davenport**, Paul L Crispen, David Preston, “Nuclear Matrix Protein-22, Urinary Cytology, and Cystoscopy: A One Year Comparison Study,” under review by *Urology*, submitted August, 2011.

Xenos ES, *Rubinstein C*, *Dunnagan R*, **Davenport DL**, “Intraoperative Blood Transfusion is a Risk Factor for Stroke in Patients Undergoing Carotid Endarterectomy,” under review by *J Vasc Surg*, submitted July, 2011.

Ferraris VE, **Davenport DL**, Saha SP, Austin PC, Zwischenberger JB, “Surgical Outcomes and Transfusion of Minimal Amounts of Blood in the Operating Room,” under review by *Arch Surg*, revise and resubmit received August, 2011, resubmitted August, 2011.

*Emily L. Albright*, *Dennis F Diaz*, **Daniel L Davenport**, J Scott Roth, “Separation of Components Influences Short-term Outcomes in Patients after Ventral or Incisional Hernia Repair” under review by *Surgical Innovation*, submitted July, 2011.

Pollock RA, *Hill JL*, **Davenport DL**, Snow DC, Vasconez HC, “Cranialization in a Cohort of 154 Consecutive Patients with Frontal Sinus Fractures (1987-2007): Review and Update of a Compelling Procedure in the Selected Patient,” under review by *Ann Plas Surg*, submitted June, 2011, minor revise and resubmit received October, 2011.

Enrique Diaz-Guzman, Colleen Y. Colbert, **Daniel L Davenport**, Alejandro C. Arroliga, “24/7 In-House Intensivist Coverage and Fellowship Education: A Cross Sectional Survey of Academic Medical Centers in the United States,” under review by *Chest*, submitted August 2011, revise and resubmit received September, 2011, resubmitted October, 2011.

*Koul A*, Ferraris VE, **Davenport DL**, Ramaiah C, “The Relationship Between Anti-fibrinolytic Prophylaxis and Post-operative Outcomes in Patients Undergoing Cardiac Operations,” under review by *International Surgery*, resubmitted September, 2011.

***Refereed Journal Articles In Press/Published***

40. Hayes Jr. D, **Davenport D**, Hoopes C, Zwischenberger JB, Khosravi M, Diaz-Guzman E, “Lung transplantation in patients with coal workers’ pneumoconiosis,” accepted November 10, 2011 for publication in *Clinical Transplantation*.
39. **Davenport DL**, Shivazad A, Edean ED, “Short-term outcomes for open revascularization of chronic mesenteric ischemia: a comparison between vein and prosthetic conduit,” accepted November 7, 2011 for publication in *Ann Vasc Surg*.
38. **Davenport DL**, Kasten MW, Vargas DH, Edean ED, Xenos ES, “Timing and risk factors for in-hospital and post-discharge venous thromboembolism after colorectal cancer resection,” accepted October, 2011 for publication in *Clinical and Applied Thrombosis/Hemostasis*.
37. Moreno Elola-Olaso A, **Davenport DL**, Hundley J, Dailey M, Gedaly R, “Predictors of Surgical Site Infection after Liver Resection: A Multicenter Analysis using the National Surgical Quality Improvement Program Data,” accepted October, 2011 for publication in *HPB*.
36. Mustain WC, **Davenport DL**, Hourigan JS, Vargas HD, “The Impact of Obesity on Laparoscopic Colectomy: Outcomes from the ACS-NSQIP,” accepted October, 2011 for publication in *Diseases of the Colon and Rectum*.
35. Skinner SC, Iocono JA, Ballard HO, Turner MD, Ward AN, **Davenport DL**, Paden ML, Zwischenberger JB, “Improved Survival in Venovenous versus Venoarterial Extracorporeal Membrane Oxygenation for Pediatric Non-cardiac Sepsis Patients: A Study of the Extracorporeal Life Support Organization Registry,” accepted August, 2011 for publication in *J Ped Surg*.
34. Albright E, **Davenport DL**, Roth JS, “Pre-operative functional Health Status Impacts Outcomes Following Ventral Hernia Repair,” accepted July, 2011 for publication in *Am Surgeon*.
33. Giurgius M, Bendure L, **Davenport DL**, Roth JS, “The Endoscopic Component Separation Technique for Hernia Repair Results in Reduced Morbidity Compared to the Open Component Separation Technique,” accepted July, 2011 for publication in *Hernia*.
32. Xenos ES, Vargas HD, **Davenport DL**, “Association of Blood Transfusion and Venous Thromboembolism after Colorectal Cancer Resection,” *Thromb Res*, 2011 Aug 26 [Epub ahead of print].
31. Xenos ES, Bietz G, **Davenport DL**, “Endoluminal versus Open Repair of Descending Thoracic Aortic Rupture: A Review of the National Trauma Databank,” *Ther Adv Cardiovasc Dis*, 2011 Oct; 5(5):221-5.
30. EL Albright, DF Diaz, **DL Davenport**, JS Roth, “The Component Separation Technique for Hernia Repair: A Comparison of Open and Endoscopic Techniques,” *Am Surgeon*, 2011 Jul; 77(7):839-43.
29. **Davenport DL**, Ritchie JD, Xenos ES, “Incidence and Risk Factors for 30-day Post-discharge Mortality in Patients with Vascular Disease Undergoing Major Lower Extremity Amputation,” *Ann Vasc Surg*, 2011, June 24 [Epub ahead of print].

28. Gedaly R, Daily MF, **Davenport D**, *McHugh PP*, Koch A, Angulo P, Hundley J, “Liver Transplantation for the Treatment of Liver Metastases from Neuroendocrine Tumors: An analysis of the UNOS database,” *Arch Surg*, 2011 Aug; 146(8):953-8.
27. Ferraris VA, **Davenport DL**, Saha SP, *Bernard A*, Austin PC, Zwischenberger JB, “Intraoperative Transfusion of Small Amounts of Blood Heralds Worse Postoperative Outcome in Patients Having Non-Cardiac Thoracic Operations,” *Ann Thor Surg*, 2011 June; 91(6):1674-80.
26. **Davenport D**, Xenos ES, “Early outcomes and risk factors in venous thrombectomy: an analysis of the American College of Surgeons NSQIP Dataset,” *Vasc Endovascular Surg*, 2011 May; 45(4):325-328.
25. *Kirby EJ*, Turner JB, **Davenport DL**, Vasconez HC, “Orbital Floor Fractures: Outcomes of Reconstruction,” *Ann Plastic Surg*, 2011 May; 66(5):508-12.
24. *Stanley MD*, **Davenport DL**, *Procter LD*, *Perry JE*, Kearney PA, Bernard AC, “An acute care surgery rotation contributes significant general surgical operative volume to residency training compared to other rotations,” *J Trauma*, 2011 Mar; 70(3):590-4.
23. *J.B. Page*, S. Humphreys, **D.L. Davenport**, P.L. Crispen, R. Venkatesh, “In-vivo physiological impact of alpha blockade on the porcine ureter with distal ureteral obstruction,” accepted September, *J Endourology*, 2011 Mar; 25(3):391-6.
22. *J.B. Page*, **D.L. Davenport**, R. Unnikrishnan, P.L. Crispen, R. Venkatesh, S.E. Strup, “Temporal Relationship between Positive Margin Rate Following Laparoscopic Radical Prostatectomy and Surgical Training,” *Urology*, 2011 Mar; 77(3):626-30.
21. Plymale M, Ruzic A, French J, Skinner SC, Hoskins J, *Yuhus MJ*, **Davenport DL**, Iocono J, “A Middle Fidelity Model is Effective in Teaching and Retaining Skill Set Needed to Perform a Laparoscopic Pyloromyotomy,” *J Laparoendoscopic Adv Surg Techniques*, 2010 Jul/Aug; 20(6):569-73.
20. Xenos ES, *O’Keefe SD*, **Davenport DL**, “Blood Transfusion during Lower Extremity Revascularization: NSQIP Database Outcome Analysis,” *Vasc Disease Management*, 2010; 7:E152-156.
19. *O’Keefe SD*, **Davenport DL**, Minion DJ, Sorial EE, Endean ED, Xenos ES, “Blood Transfusion is Associated with Increased Morbidity and Mortality After Lower Extremity Revascularization,” *J Vasc Surg*, 2010 Mar; 51(3):616-21.e3
18. **Davenport DL**, *O’Keefe SD*, Minion DJ, Sorial EE, Endean ED, Xenos ES, “Thirty-day NSQIP database outcomes of open versus endoluminal repair of ruptured abdominal aortic aneurysms,” *J Vasc Surg*, 2010 Feb; 51(2): 305-309.e1.
17. *O’Keefe SD*, **Davenport DL**, Endean ED, Xenos ES, Sorial EE, Minion DJ, “Variations in Early Outcomes of Endovascular Aneurysm Repair with Alternate Endograft Configurations,” *Ann Vasc Surg*, 2010 Jan; 24(1):28-33.

16. *Procter LD, Davenport DL, Bernard AC, and Zwischenberger JB, "General Surgical Operative Duration is associated with Increased Risk-Adjusted Infectious Complication Rates and Length of Hospital Stay," J Am Coll Surg, 2010 Jan; 210(1):60-65.e1-2. This was a JACS Category 1 CME Credit Featured Article.*
15. *Abedi NN, Davenport DL, Karagiorgos N, Minion DJ, Sorial E, Endean ED, Xenos ES, "Long-term Outcome of Infrapopliteal Catheter Based Intervention for Critical Limb Ischemia," Int J Angiol, 2009 Autumn; 18(3):126-28.*
14. *Davenport DL, Holsapple CW, and Conigliaro J, "Assessing Surgical Quality Using Administrative and Clinical Datasets: a Direct Comparison of the University HealthSystem Consortium Clinical Database and the National Surgical Quality Improvement Program Dataset," Am J Med Quality, 2009 Sep-Oct; 24(5):444-6.*
13. *Abedi NN, Davenport DL, Xenos ES, Sorial EE, Minion DJ, Endean ED, "Gender and 30-day outcome in patients undergoing endovascular aneurysm repair (EVAR): An analysis using the ACS NSQIP dataset," J Vasc Surg, 2009 Sep; 50(3):486-491.*
12. *Mullen JT, Moorman DW, Davenport DL, "The Obesity Paradox: Body Mass Index and Outcomes in Patients Undergoing Non-bariatric General Surgery," Ann Surg, 2009 Jul; 250(1):166-172.*
11. *Bernard AC, Davenport DL, Chang PK, Vaughan TB, and Zwischenberger JB, "Intraoperative Transfusion of 1-2 Units of Packed Red Blood Cells is Associated with Increased 30-Day Mortality, Surgical Site Infection, Pneumonia, and Sepsis In General Surgery Patients," J Am Coll Surg, 2009 May; 208(5):931-937.*
10. *Gedaly R, McHugh PP, Johnston TD, Jeon H, Ranjan D, and Davenport DL, "Obesity, Diabetes, and Smoking are Important Determinants of Resource Utilization in Liver Resection: A Multicenter Analysis of 1029 Patients," Ann Surg, 2009 Mar; 249(3):414-9.*
9. *Xenos ES, Minion DJ, Davenport DL, Hamdallah O, Abedi NN, Sorial EE, and Endean ED, "Endovascular versus Open Repair for Descending Thoracic Aortic Rupture: Institutional Experience and Meta-Analysis," Eur J Cardiothoracic Surg, 2009 Feb; 35(2):282-6.*
8. *Davenport DL, Xenos ES, Hosakawa P, Radford J, Henderson WG, and Endean ED, "The Influence of Body Mass Index (BMI) Obesity Status on Vascular Surgery 30-Day Morbidity and Mortality," J Vasc Surg, 2009 Jan; 49(1):140-147.*
7. *Xenos ES, Abedi NN, Davenport DL, Minion DJ, Hamdallah O, Sorial EE, and Endean ED, "Meta-Analysis of Endovascular Versus Open Repair for Traumatic Descending Thoracic Aortic Rupture," J Vasc Surg, 2008 Nov; 48(5):1343-1351.*
6. *Mullen JT, Davenport DL, Hutter MM, Hosakawa PW, Henderson WG, Khuri,SF, and Moorman DW, "Impact of Body Mass Index on Perioperative Outcomes in Patients Undergoing Major Intraabdominal Cancer Surgery," Ann Surg Oncol, 2008 Aug; 15(8):2164-2172.*
5. *Davenport DL, Henderson WG, Hogan S, Mentzer RM Jr, and Zwischenberger JB, "Surgery Resident Working Conditions and Job Satisfaction," Surgery, 2008 Aug; 144(2):332-338.e5.*

4. **Davenport DL**, Henderson WG, Mosca CL, Khuri SF, and Mentzer RM Jr, “Risk-Adjusted Morbidity in Teaching Hospitals Correlates with Reported Levels of Communication and Collaboration on Surgical Teams But Not With Scale Measures of Teamwork Climate, Safety Climate, or Working Conditions,” *J Am Coll Surg*, 2007 Dec; 205(6):778-784.
3. **Davenport DL**, Ferraris VA, Hosokawa P, Henderson WG, Khuri SF, and Mentzer RM Jr., “Multivariable Predictors of Postoperative Cardiac Adverse Events Following General and Vascular Surgery Operations – Results from the Patient Safety in Surgery Study,” *J Am Coll Surg*, 2007 Jun; 204(6):1199-210.
2. **Davenport DL**, Bowe EA, Henderson WG, Khuri SF, and Mentzer RM Jr., “National Surgical Quality Improvement Program (NSQIP) Risk Factors Can Be Used to Validate American Society of Anesthesiologists Physical Status (ASA PS) Classification Levels,” *Ann Surg*, 2006 May; 243(5):636-41; discussion 641-4.
1. **Davenport DL**, Henderson WG, Khuri SF, and Mentzer RM Jr., “Preoperative Risk Factors and Surgical Complexity Are More Predictive of Costs than Postoperative Complications: A Case Study Using the National Surgical Quality Improvement Program (NSQIP) Database,” *Ann Surg*, 2005 Oct, 242(4):463-8; discussion 468-71.

#### ***Book Chapters***

- Davenport DL** and Holsapple CW, “Social Capital Knowledge,” In Murray E. Jennex (Ed.), *Knowledge Management: Concepts, Methodologies, Tools, and Applications*, (2008) Hershey, PA: IGI Global.
- Davenport DL** and Holsapple CW, “Knowledge Organizations,” In Murray E. Jennex (Ed.), *Knowledge Management: Concepts, Methodologies, Tools, and Applications*, (2008) Hershey, PA: IGI Global.
- Davenport DL** and Holsapple CW, “Social Capital Knowledge,” In David G. Schwartz (Ed.), *The Encyclopedia of Knowledge Management*, (2005) Hershey, PA: Idea Group.
- Davenport DL** and Holsapple CW, “Knowledge Organizations,” In David G. Schwartz (Ed.), *The Encyclopedia of Knowledge Management*, (2005) Hershey, PA: Idea Group.
- Davenport DL** and Sena M, “Knowledge Derivation Technologies: Online Analytical Processing,” In C. W. Holsapple (Ed.), *The Handbook of Knowledge Management*, (2003) Berlin/Heidelberg: Springer-Verlag.

#### ***Abstracts***

- Wootton CW, Bonzo JR, Venkatesh R, **Davenport DL**, Sloan DA, “Urolithiasis as an Initial Presentation of Primary Hyperparathyroidism in the Normocalcemic Patient - Implications for Screening,” *J Endourology*, 2011 November; 25(1):A248.
- Albright E, Roth JS, **Davenport DL**, “A Comparison of Short Term Outcomes Following Abdominal Wall Hernia Repair Based on Pre-Operative Functional Health Status,” *Gastroenterology*, 2011 May; 140(5):S-1028.

*Timothy Atkinson*, Randall Rowland, John Rinehart, **Daniel Davenport**, Stephen Strup, Paul Crispen, "Impact of Neoadjuvant Chemotherapy on Anemia and Perioperative Outcomes at the Time of Cystectomy," *J Urology*, 2011 Apr; 185(4) Supplement 1:e641.

E. Diaz-Guzman, C. Y. Colbert, D. M. Mannino, **D. L. Davenport**, A. C. Arroliga, "24/7 In-House Intensivist Coverage And Fellowship Education: A Cross Sectional Survey Of Academic Medical Centers In The United States," *Am J Respir Crit Care Med*, 2010;183:A1025.

Jennifer Dávila-Aponte, Jason Bylund, **Daniel Davenport**, Noah Schenkman, David Preston, Kasey Morrison, T. Sledge Floyd, Ramakrishna Venkatesh, Stephen Strup, Tracey Krupski, Paul Crispen, "A Multi-Institutional Analysis of the Association of Nephrometry Score with Ischemia Time during Partial Nephrectomy," *J Urology*, 2011 Apr; 185(4) Supplement 1:e508-e509.

Xenos ES, **Davenport DL**, "Association of Blood Transfusion and Venous Thromboembolism in the Perioperative Period," *J Vasc Surg*, 2011 Jan; 53(1):251.

Xenos ES, **Davenport DL**, Minion DJ, Sorial ES, O'Keeffe SD, Endean ED, "Timing of Venous Thromboembolism after Colorectal Cancer Resection," *J Vasc Surg*, 2010 Dec; 52(6):1745.

Xenos ES, **Davenport DL**, Minion DJ, O'Keeffe SD, Sorial ES, Endean ED, "Post-discharge 30 Day Mortality after Vascular Surgery," *J Vasc Surg*, 2010 June; 51(6):71S.

E. Diaz-Guzman, N. E. Borges, S. A. Rose, J. Conigliaro, **D. L. Davenport**, "Relationship Between Alcohol Abuse, Obesity, Smoking, And Adverse Pulmonary Outcomes After Intestinal Surgical Procedures," *Am J Respir Crit Care Med*, 2010;181:A3136

Xenos ES, [**Davenport DL**,] Minion DJ, O'Keeffe SD, Sorial ES, Endean ED, "Postoperative Morbidity and Mortality of Venous Thrombectomy: A review of the NSQIP Database," *J Vasc Surg*, 2010 June; 51(6):64S.

**Davenport DL**, Toborek A, Mullins SC, Conigliaro J, Zwischenberger JB, "Patterns and characteristics of Interprofessional communication and collaboration on surgical teams," *J Surg Res*, 2010 Feb; 158(2):318-9.

Xenos ES, **Davenport DL**, Abedi N, Minion DJ, Sorial EE, O'Keeffe, S, Endean ED, "Blood Transfusion is Associated with Increased Morbidity and Mortality After Lower Extremity Bypass," *J Vasc Surg*, 2009 May; 49(5):S26-S27.

Xenos ES, **Davenport DL**, Minion DJ, Sorial EE, Abedi N, O'Keefe SD, Endean ED, "Open versus endoluminal repair of ruptured abdominal aortic aneurysms: 30-day NSQIP database outcomes," *J Vasc Surg*, 2009 May; 49(5):S48.

*Beau Dusseault*, Renee Quillin, Matthew Paszek, **Daniel Davenport**, and Stephen E. Strup, "Comparison of intra-operative and peri-operative outcomes of patients with and without large median lobes from minimally invasive radical prostatectomy," *J Urology*, 181(4)S1:432.

**Daniel L. Davenport**, Shomari Hogan, Robert M. Mentzer, and Joseph B. Zwischenberger, "General and Vascular Surgery Resident Working Conditions and Job Satisfaction," *J Surgical Res*, 144(2):175.

***Letters***

Enrique Diaz-Guzman, **Daniel L. Davenport**, Joseph B. Zwischenberger, Charles W. Hoopes, “Lung Function and VV-ECMO after Lung Transplantation”, a response to Hartwig MG, Walczak R, Lin SS, et al., “Improved Survival but Marginal Allograft Function in Patients Treated With Extracorporeal Membrane Oxygenation After Lung Transplantation,” *Ann Thorac Surg* 2011, under review *Ann Thorac Surg*, submitted November, 2011.



**Presentations:**

***Submitted for Presentation at Regional/National/International Meetings***

Enrique Diaz-Guzman, **Daniel L Davenport**, Joseph B. Zwischenberger, Charles W. Hoopes, “Lung Transplantation in Patients with Mineral Dust Pneumoconiosis”, American Transplant Congress, June 2-6, 2012, Boston MA.

*Rubinstein C*, **Davenport DL**, Minion D, Xenos ES, Endean ED, “Abdominal compartment syndrome (ACS) is associated with increased mortality in ruptured abdominal aortic aneurysm” Southern Association for Vascular Surgery, January 18-21, Scottsdale, Arizona.

Ferraris VA, Saha SP, Martin J, **Davenport DL**, Zwischenberger JB, “Modern Treatment of Thoracic Empyema – Comparison of Operative Approaches” Society of Thoracic Surgeons, January 30 – February 1, 2012, Fort Lauderdale, Florida.

***Accepted for Podium Presentation/Presented at National/International Meetings***

33. Xenos ES, **Davenport DL** “Deep Venous Thrombosis after Abdominal Aneurysm Repair,” American Venous Forum, February 8-11, 2012, Orlando, Florida.

32. Ferraris VA, **Davenport DL**, Saha SP, Austin PC, Zwischenberger JB, “Does Worse Surgical Outcome Follow Intraoperative Transfusion of Minimal Amounts of Blood?” American College of Surgeons Clinical Congress, October 23-27, 2011, San Francisco, California.

31. Xenos ES, *Rubinstein C*, *Dunnagan R*, **Davenport DL**, “Intraoperative Blood Transfusion is a Risk Factor for Stroke in Patients Undergoing Carotid Endarterectomy,” Society for Vascular Surgery, June 16-18, 2011, Chicago, Illinois.

30. *Koul A*, **Davenport DL**, Ferraris V, Ramaiah C, “Effect of anti-fibrinolytic prophylaxis on post-operative bleeding and mortality during on-pump cardiac surgeries,” U.S.A. Annual Surgical Update of the International College of Surgeons, June 10, Portland, Oregon.

29. Skinner S, Iocono J, Ballard H, Turner MD, **Davenport DL**, Zwischenberger JB; “Survival is Improved in Venovenous versus Venarterial ECMO for Pediatric Non-cardiac Sepsis: A Study of the ELSO Registry,” American Pediatric Surgery Association, May 22-25, 2011, Palm Desert, California.

28. Enrique Diaz-Guzman, Colleen Y. Colbert, **Daniel L Davenport**, Alejandro C. Arroliga, “24/7 In-House Intensivist Coverage and Fellowship Education: A Cross Sectional Survey of Academic Medical Centers in the United States,” American Thoracic Society, May 13-18, Denver, Colorado.

27. *Albright E*, **Davenport DL**, Roth JS, “A comparison of short term outcomes following abdominal wall hernia repair based on pre-operative functional health status,” Digestive Disease Week, May 7-10, Chicago, Illinois.

26. *Giurgius M*, **Davenport DL**, Roth JS, “Endoscopic Component Separation Hernia Repair Reduces Wound Morbidity Compared to the Open Approach,” American Hernia Society, March 16-19, 2011, San Francisco, California.

25. Xenos ES and **Davenport DL**, “Association of Blood Transfusion and Venous Thromboembolism in the Perioperative Period,” American Venous Forum, February 23-26, 2011, San Diego, California.
24. Xenos ES, **Davenport DL**, Minion DJ, Sorial EE, O’Keeffe, SD, Endean ED, “Timing of Venous Thromboembolism after Colorectal Cancer Resection,” Southern Association for Vascular Surgery, January 19-22, 2011, Naples, Florida.
23. Gedaly R, Daily M, **Davenport DL**, *McHugh PP*, Koch A, Angulo P, Hundley J, “Liver Transplantation for the Treatment of Liver Metastases from Neuroendocrine Tumors: An analysis of the UNOS database,” American Association for the Study of Liver Disease, October 29, 2010, Boston, MA.
22. Diaz-Guzman E, *Borges NE*, Rose SA, Conigliaro J, **Davenport DL**, “Relationship between alcohol abuse, obesity, smoking, and adverse pulmonary outcomes after intestinal surgical procedures,” American Thoracic Society, May 14-19, 2010, New Orleans, Louisiana.
21. Xenos ES, **Davenport DL**, *Bietz G*, O’Keeffe SD, Sorial ES, Minion DJ, Endean ED, “Endoluminal Versus Open Repair for Descending Thoracic Aortic Blunt Injury: National Trauma Database Outcomes,” Society for Clinical Vascular Surgery, April 6-10, 2010.
20. *Diaz DF*, Plymale M, **Davenport DL**, Roth JS, “Ventral hernia repair with components separation technique: Risk factors for complications and recurrence,” American Hernia Society, March 19, 2010.
19. **Davenport DL**, *Mullins SC*, Toborek A, Conigliaro J, Zwischenberger JB, “Patterns and Characteristics of Interprofessional Communication and Collaboration on Surgical Teams” Academic Surgical Congress, February 5, 2010.
18. Ferraris VA, **Davenport DL**, Saha SP, Bernard A, Zwischenberger JB, “Intraoperative Blood Transfusion Is Associated with Increased Mortality and Morbidity in Patients Having Non-cardiac Thoracic Operations,” Southern Thoracic Surgical Association, November 4-7, 2009.
17. *J.B. Page*, **D.L. Davenport**, R. Unnikrishnan, P.L. Crispin, R. Venkatesh, S.E. Strup, “Temporal Relationship Between Positive Margin Rate Following Laparoscopic Radical Prostatectomy and Surgical Training,” World Congress of Endourology, Munich, October 20, 2009.
16. Ferraris VA, Bernard AC, **Davenport DL**, Saha SP, *Yuhas MJ*, Zwischenberger JB, “The Relationship of Blood Transfusion to Outcomes for Carotid Endarterectomy,” American College of Surgeons Clinical Congress, October 11-15, 2009.
15. *Elola-Olaso AM*, Gedaly R, and **Davenport DL**, “Predictors of infection after hepatectomy,” American College of Surgeons Clinical Congress, October 11-15, 2009.
14. *O’Keefe S*, **Davenport DL**, Sorial E, Minion DJ, Endean ED, Xenos ES, “The effect of secondary procedures and alternate operative exposures on early outcomes of endovascular aneurysm repair,” Peripheral Vascular Surgery Society, June, 2009.
13. Xenos ES, **Davenport DL**, Minion DJ, Sorial E, *Abedi NN*, O’Keefe S, Endean ED, “Open Versus Endoluminal Repair of Ruptured Abdominal Aortic Aneurysms: 30 Day NSQIP Database Outcomes,” Society for Vascular Surgery, June 2009.

12. Iocono J, Hoskins J, Plymale M, **Davenport DL**, “Face and Content Validities of a Low Fidelity Laparoscopic Pyloromyotomy Simulation,” American Pediatric Surgical Association, May, 2009.
11. Iocono J, Hoskins J, Plymale M, **Davenport DL**, “A Middle Fidelity Model is Effective in Teaching and Retaining Skill Set Needed to Perform a Laparoscopic Pyloromyotomy,” International Pediatric Endosurgery Group, April 21-25, 2009.
10. Minion DJ, Xenos E, *Abedi NN*, **Davenport DL**, Endean ED, “Variations in Early Outcomes of Endovascular Aneurysm Repair with Alternate Endograft Configurations,” Peripheral Vascular Surgery Society, January 30, 2009.
9. *Abedi NN*, **Davenport DL**, Xenos E, Sorial E, Minion DJ, Endean ED, “The Effect of Gender on 30-day Outcomes for Endovascular Repair of Abdominal Aortic and Iliac Artery Aneurysms,” Southern Association for Vascular Surgery, January 15, 2009.
8. **Davenport DL**, Bernard AC, Chang PK, and Zwischenberger JB, “Intraoperative Transfusion of Only 1 or 2 Units of Packed Red Blood Cells is Associated with Increased 30-Day Mortality, Pneumonia, Organ/Space Infection and Sepsis in General Surgery Patients,” Southern Surgical Association, December 2, 2008.
7. John T. Mullen, Matthew M. Hutter, Donald W. Moorman, and **Daniel L. Davenport**, “The Obesity Paradox: Body Mass Index and Outcomes in Patients Undergoing Non-bariatric General Surgery,” American College of Surgeons Clinical Congress, October, 2008.
6. *Abedi N.*, **Davenport D.L.**, Xenos E.S., Hosakawa P., *Radford J.*, and Endean E.D., “Mild Obesity is Associated with Improved Perioperative Outcome in Vascular Procedures,” Peripheral Vascular Surgery Society, June 6-7, 2008.
5. Mullen, J.T., **Davenport, D.L.**, Hosakawa, P.W., Khuri, S.F., Henderson, W.G., and Moorman, D.W., “Impact of Body Mass Index on Perioperative Outcomes in Patients Undergoing Major Intraabdominal Cancer Surgery,” Society of Surgical Oncologists, March 13-16, 2008.
4. **Davenport DL**, *Hogan S*, Henderson WG, Khuri SF, Mentzer RM Jr., and Zwischenberger JB, “General and Vascular Surgery Residency Working Conditions and Resident Job Satisfaction,” Society of University Surgeons, February 13-15, 2008.
3. **Davenport DL**, “Contextual Data Quality in the Assessment of Surgical Outcomes: A Comparison of the University HealthSystem Consortium Clinical Database and the National Surgical Quality Improvement Program Database,” American College of Surgeons’ National Surgical Quality Improvement Program, June 25-27, 2007.
2. **Davenport DL**, Bowe EA, Henderson WG, Khuri SF, and Mentzer RM Jr., “National Surgical Quality Improvement Program (NSQIP) Risk Factors Can Be Used To Validate American Society of Anesthesiologists Physical Status (ASA PS) Classification Levels,” Southern Surgical Association, December 4-6, 2005.

1. **Davenport DL**, Henderson WG, Khuri SF, and Mentzer RM Jr., “Preoperative Risk Factors and Surgical Complexity Are More Predictive of Costs Than Postoperative Complications: A Case Study Using the National Surgical Quality Improvement Program (NSQIP) Database,” American Surgical Association, April 14-16, 2005.

***Accepted for Poster Presentation/Presented at National/International Meetings***

Saha SP, Ferraris VA, Xenos ES, **Davenport DL**, Minion DJ, Endean ED, “Variability in Carotid Endarterectomy: An Outcome and Cost Analysis, Society for Clinical Vascular Surgery, Mar 14-17, 2012, Las Vegas, Nevada.

*Wootton C*, **Davenport DL**, *Bonzo JR*, Sloan DA, Venkatesh R, “Urolithiasis as an Initial Presentation of Primary Hyperparathyroidism in the Normocalcemic Patient - Implications for Screening,” the World Congress of Endourology, Nov 30 – Dec 3, 2011, Kyoto, Japan.

Hartmut Malluche, Hanna Mawad, James Wise, Stephanie Fugate, Kimberly McLaughlin, Anthony Wolbarst, **Daniel Davenport**, Marie-Claude Faugere, “Relationship between Coronary Calcifications and Osteoporosis in Patients with CKD,” the American Society of Nephrology Kidney Week, November 8-13, 2011, Philadelphia, PA.

Hartmut Malluche, Hanna Mawad, James Wise, Stephanie Fugate, Kimberly McLaughlin, Anthony Wolbarst, **Daniel Davenport**, Marie-Claude Faugere, “The Value of DXA versus QCT for Diagnosis of Osteoporosis in Patients with CKD-5,” the American Society of Nephrology Kidney Week, November 8-13, 2011, Philadelphia, PA.

Diaz-Guzman E, Ihle R, **Davenport D**, Mannino DM, “Impact of Hospital Transfers on Mortality in an Intensive Care Unit of Central Kentucky,” American College of Chest Physicians, October 22-26, Honolulu, Hawaii.

Saha SP, *Kalathia RJ*, Ferraris VA, **Davenport D**, Zwischenberger JB, “Survival after Pneumonectomy for Stage III Non-small Cell Lung Cancer,” American College of Chest Physicians, October 22-26, Honolulu, Hawaii.

Ferraris VA, **Davenport DL**, Saha SP, Zwischenberger JB, “Risk Calculator for Postoperative Pulmonary Complications”, *American College of Surgeons Clinical Congress*, October 26, San Francisco, California

**Davenport DL**, *Keach W*, Zwischenberger JB, Bowe EA, Hatton KW, “Mallampati Score Predicts Anesthesia Preparation Time, Airway Trauma, and Adverse Pulmonary Outcomes in Patients Undergoing Non-Emergent Intestinal Surgical Procedures,” *International Anesthesia Research Society*, May 21-24, 2011, Vancouver, Canada.

*Timothy Atkinson*, Randall Rowland, John Rinehart, **Daniel Davenport**, Stephen Strup, Paul Crispen, “Impact of Neoadjuvant Chemotherapy on Anemia and Perioperative Outcomes at the Time of Cystectomy,” *American Urological Association*, May 17, 2011, Washington DC.

Jennifer Dávila-Aponte, *Jason Bylund*, **Daniel Davenport**, Noah Schenkman, David Preston, Kasey Morrison, T. Sledge Floyd, Ramakrishna Venkatesh, Stephen Strup, Tracey Krupski, Paul Crispen, “A Multi-Institutional Analysis of the Association of Nephrometry Score with Ischemia Time during Partial Nephrectomy,” *American Urological Association*, May 16, 2011, Washington DC.

John S Roth, Jeff Hazey, **Daniel L. Davenport**, Vimal Narula, Rebecca Dettorre, Ambar Banarjee, William Cavatassi, *Emily Albright*, “A Prospective Randomized Trial Comparing The Rebound Hernia Repair Device And Lightweight Mesh For Laparoscopic Inguinal Hernia: An Interim Analysis,” *Society of American Gastrointestinal and Endoscopic Surgeons*, March 30 – April 2, 2011 San Antonio, Texas.

*Emily Albright*, **Daniel L. Davenport**, Margaret Plymale, J Scott Roth, “Predicting Continued or Recurrent Symptoms following Laparoscopic Paraesophageal Hernia Repair.” Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), March 30 - April 2, 2011, San Antonio, Texas.

*Mustain WC*, Lackey J, **Davenport DL**, Vargas HD, “Outcomes of hand assisted laparoscopic colectomy in obese versus non-obese patients,” American College of Surgeons Clinical Congress, October, 2010, Chicago, Illinois.

Xenos ES, **Davenport DL**, Minion DJ, *O’Keeffe SD*, Sorial ES, Endean ED, “Post-discharge 30 Day Mortality after Vascular Surgery,” Society for Vascular Surgery, June 11, 2010, Boston, Massachusetts.

Xenos ES, **Davenport DL**, Minion DJ, *O’Keeffe SD*, Sorial ES, Endean ED, “Postoperative Morbidity and Mortality of Venous Thrombectomy: A review of the NSQIP Database,” Society for Vascular Surgery, June 11, 2010, Boston, Massachusetts.

*Mustain WC*, **Davenport DL**, Hourigan J, Vargas HD, “Obesity and laparoscopic colectomy: a report using the ACS NSQIP dataset,” American Society of Colon and Rectal Surgeons, May 15-19, 2010, Minneapolis, Minnesota.

*Parcells J*, **Davenport DL**, Vargas HD, Hourigan JS, “Short-term outcomes of rectal prolapse repairs by perineal vs. abdominal approach: a report using the ACS NSQIP dataset,” American Society of Colon and Rectal Surgeons, May 15-19, 2010, Minneapolis, Minnesota.

Maynard DC, Bernard AC, Fryman LJ, **Davenport DL**, Kimbrough J, Shanahan P, Gvozdyev B, Kearney P, “Brief intervention for substance use: risk factors for reduced commitment to change in a level one trauma center,” Society of Trauma Nurses, April 2010.

Sean Skinner, Joseph Iocono, Hubert Ballard, Marion D. Turner, **Daniel Davenport**, Joseph Zwischenberger, “ECMO for Sepsis: Does V-A or V-V make a difference?- ELSO REGISTRY” Children's National Medical Center Symposium on ECMO & Advanced Therapies for Respiratory Failure, Keystone, Colorado, February 22, 2010.

**Davenport DL**, Bernard AC, *Procter LD*, and Zwischenberger JB, “General surgical operative duration is associated with a linear increase in infectious complication rates and length of hospital stay after adjustment for patient and operative risk factors,” American College of Surgeons Clinical Congress, October 11-15, 2009.

*Perry J*, **Davenport DL**, Kearney P, Boulanger B, Chang P, Simpson M, Sonka B, Bottiggi T, Bernard A, “Acute Care Surgery Rotation Contributes Significant Operative Volume to Residency Training Compared to Other Rotations,” American Association for the Surgery of Trauma, October, 2009.

Xenos ES, **Davenport DL**, *Abedi NN*, Minion DJ, Sorial E, *O'Keefe S*, Endean ED, "Blood Transfusion is Associated with Increased Morbidity and Mortality after Lower Extremity Bypass," Society for Vascular Surgery, June 2009.

*Beau N. Dusseault*, *Renee B. Quillin*, Matthew R. Paszek, **Daniel Davenport**, and Stephen E. Strup, "Comparison of intra-operative and peri-operative outcomes of patients with and without large median lobes from minimally invasive radical prostatectomy," American Urological Association, April 2009.

Gedaly R, *McHugh PP*, Johnston TD, Jeon H, Ranjan D, and **Davenport DL**, "Obesity, Diabetes, and Smoking are Important Determinants of Resource Utilization in Liver Resection: A Multicenter Analysis of 1029 Patients," American Association for the Study of Liver Disease, 2008.

#### ***Invited Discussion at National/International Meetings:***

With Mentzer, RM, prepared response to Wiegmann, DA, et al., "Disruptions in Surgical Flow and their Relationship to Surgical Errors: An Exploratory Investigation," Annual Meeting of the American College of Surgeons' Clinical Congress, October 10, 2006

With Mentzer, RM, prepared response to Grover, FL, Shroyer, LW, Hammermeister, K, et al., "A Decade's Experience with Quality Improvement in Cardiac Surgery Using the Veterans Affairs and Society of Thoracic Surgeons Databases," Annual Meeting of the American Surgical Association, April 26, 2001, published in the *Annals of Surgery*, 2001, October, 234(4):464-474

#### ***Regional/Local/Other Presentations***

McKenzie Shawn, **Davenport DL**, McGrath, P "Risk factors for poor outcomes in combined colon and liver resection," from the podium at the Southern Surgical Association, December 4-7, 2011.

Ferraris VA, Saha SP, **Davenport DL**, Zwischenberger JB, "Thoracic Surgery in the Real World - Does Surgical Specialty Affect Outcomes in Patients Having Non-cardiac Chest Operations?" from the podium at the Southern Thoracic Surgical Association, November 12, 2011, San Antonio, Texas.

*EL Albright*, *DF Diaz*, **DL Davenport**, JS Roth, "Separation of Components Influences Short-Term Outcomes in Patients After Ventral or Incisional Hernia Repair," poster presentation at the Southeastern Surgical Congress, Feb. 12-15, 2011, Chattanooga, Tennessee.

*EL Albright*, *DF Diaz*, **DL Davenport**, JS Roth, "NSQIP Separation of Components," poster presentation at the Southeastern Surgical Congress, Feb. 12-15, 2011, Chattanooga, Tennessee.

*Timothy H. Atkinson*, Randall G. Rowland, John J. Rinehart, **Daniel L. Davenport**, Stephen E. Strup, Paul L. Crispen, "Impact of Neoadjuvant Chemotherapy on Anemia and Perioperative Outcomes at the Time of Cystectomy," poster presentation at the Southeastern Section of the American Urological Association, March 17-20, 2011, New Orleans, Louisiana.

*Schlake A, Atkinson T, **Davenport DL**, Crispen P, Preston DM, “Nuclear Matrix Protein 22, Urinary Cytology and Cystoscopy: A One Year Comparison Study,”* podium presentation at the Southeastern Section of the American Urological Association, March 17-20, 2011, New Orleans, Louisiana.

*Buseman J, **Davenport DL**, Wong L, “Acellular Dermal Matrix (Alloderm®) use for Breast Reconstruction at the University of Kentucky Medical Center,”* awarded best resident paper at the Kentucky Society of Plastic Surgery, September, 2010.

*Carter RR, **Davenport DL**, Minion DJ, O’Keeffe SD, Sorial EE, Endean ED, Xenos ES, “Timing and Risk Factors for Venous Thromboembolism after Colorectal Cancer Resection,”* Kentucky Chapter, American College of Surgeons, September 22, 2010.

**Davenport DL, Keach W, Bowe EA, “The Mallampati scale as a predictor of adverse pulmonary outcomes after intestinal surgical procedures,”** UK chapter of the AOA Honors Medical Society, Lexington, Kentucky, February 4, 2010.

Maynard DC, Bernard AC, Fryman LJ, **Davenport DL**, Kimbrough J, Shanahan P, Gvozdyev B, Kearney P, “Brief intervention: risk factors for failure in a level one trauma center,” Kentucky Counseling Association, Louisville, KY, October 22, 2009.

**Davenport, D.L., “Data Masking Technology for Protecting Confidentiality in Healthcare Information Repositories,”** at the University of Kentucky Department of Surgery Research Colloquium, Lexington, Kentucky, June 16, 2009.

**Davenport, D.L., “Assessing surgical outcomes using the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP),”** at the University of Kentucky Department of Surgery Grand Rounds, Lexington, Kentucky, April 29, 2009.

*Beau N. Dusseault, Renee B. Quillin, Matthew R. Paszek, **Daniel L. Davenport** and Stephen E. Strup, “Comparison of intra-operative and peri-operative outcomes of patients with and without large median lobes from minimally invasive radical prostatectomy,”* Southeastern Section of the American Urological Association, March 2009.

**Davenport, D.L., “Methodology and Analytic Challenges to Registry Data: Confessions of a Data Miner,”** University of Kentucky Health Services Methods Conference, Lexington, Kentucky, January 13, 2009.

**Davenport, D.L., “Outcomes Research Using the National Surgical Quality Improvement Program Database,”** University of Kentucky Department of Surgery Research Colloquium, Lexington, Kentucky, November 20, 2007.

**Davenport, D.L., “Apples and Oranges, Contextual Data Quality in the Assessment of Surgical Outcomes: A Comparison of the University HealthSystem Consortium Clinical Database and the National Surgical Quality Improvement Program Database,”** University of Kentucky HealthCare’s Quality and Patient Research Development Conference, Lexington, Kentucky, October 18, 2006.

**Davenport, D.L., “The Virtual Practice: How To Get Your Residents To Like Business,”** American Association of Surgical Administrators Southeast Regional Meeting, Lexington, Kentucky, November 3, 2000.

Presentations:  
Daniel L. Davenport, PhD

**Davenport, D.L.**, “Strategic Planning: A Case Study,” University of Kentucky College of Medicine Department Administrators Meeting, Lexington, Kentucky, September 10, 2003.



**Research:**

***Externally Sponsored Research***

*Submitted/Pending*

Co-investigator, 5% Effort

Drs. Joseph Zwischenberger and Heidi Mansour, Co-Primary Investigators

Development of an Early Intervention for Pulmonary Effects of Industrial or Terrorist-Related Exposure to Inhaled Toxins

NIH R01

July 2012 – June 2017, \$3,349,352

*Current/Past*

Co-investigator, 10% Effort

Hartmut H. Malluche, MD, Primary Investigator

Renal Osteodystrophy: A Fresh Approach

NIH 5R01 DK080770

03/31/2009-02/28/2013, \$1,500,000

Co-investigator, 2% Effort

Eric Hasenboehler, MD, Primary Investigator

Operative vs. Non-operative Treatment of Clavicle Fracture

St. Anthony's Health Foundation

April 1, 2011 – June 30, 2013, \$75,000

Co-investigator, 7% Effort

J.B. Zwischenberger, MD, Primary Investigator

Use of Nitric Oxide in the Treatment of ARDS

Ikaria (INO Therapeutics, LLC)

September 7, 2010 – June 30, 2011, \$880,000

Co-investigator, 5% Effort

J.B. Zwischenberger, MD, Primary Investigator

Effect of IK-6001 on ARDS

Ikaria (INO Therapeutics, LLC)

April 25, 2010 – October 31, 2010, \$600,000

Co-investigator, 2% Effort

T. Scott Roth, MD, Primary Investigator

Rebound Hernia Repair Device™ Trial

Minnesota Medical Device, Inc.

September 1, 2009 – August 30, 2011, \$97,117

Co-investigator, 25% Effort

Robert M. Mentzer, Jr., MD, Primary Investigator

Work Conditions of Surgery Residents and Quality of Care

AHRQ HS-01-005,

September 28, 2001 – September 27, 2005, \$913,229

Co-investigator, 5% Effort  
Robert M. Mentzer, Jr., MD, Primary Site Investigator  
Reporting System to Improve Patient Safety in Surgery,  
AHRQ HS-11913-01,  
October 1, 2001 – November 8, 2004, \$76,799

*Sponsored Consultancy*

Development of SBIR Grant Application,  
Zeomedex, LLC  
Improving Tolerance of Orlistat®  
March 2011, \$2000

***Department-sponsored Research***

Primary Investigator, 20% effort  
Patterns of Communication and Collaboration on Surgical Teams  
January 1, 2008 – December 31, 2009

Primary Investigator, 20% effort  
Information System Data Fitness for Use: A Case Study Comparing the Effectiveness of the  
National Surgery Quality Improvement Program Database and the University Healthcare  
Consortium Clinical Database in Assessing Surgical Quality  
November 1, 2004 – June 30, 2006

**Mentoring/Teaching:**

**Mentoring of Medical Students, Surgical Residents and Fellows (College of Medicine)**

I regularly mentor medical trainees in research methods and the peer reviewed publication process. I have italicized their names in my list of publications and presentations. Almost all of my work includes a medical student, surgical resident or fellow. Often it is their first introduction to conducting, publishing and presenting research.

**Didactic Teaching Experience (Gatton College of Business and Economics)**

I teach informatics, analytics and technology management and innovation courses to MBA students. My professional background and ongoing applied research in healthcare outcomes allow me to connect these technical courses firmly to the students' goals in business administration.

*GRADUATE COURSES TAUGHT*

Decision Science and Information Systems 651: Quantitative Methods in Decision-making

MBA 628: Technology Management

Accounting 624: Enterprise Information and Control Systems

Decision Science and Information Systems 620: Management Information Systems

MBA 606: Management Information Systems

MBA 604: Management Information Systems

Special Lecture to Physician's Assistants on Surgical Quality Assessment

Seminar for MBA students on Project Management

*UNDERGRADUATE COURSES TAUGHT*

Decision Science and Information Systems 320: Management Information Systems

Decision Science and Information Systems 310: Business Computing

Decision Science and Information Systems 300: Quantitative Analysis in Operations Management

Seminar on Technology Management for professionals

**Manuscript Reviewer for:**

Annals of Surgery

Journal of the American Medical Association (JAMA)

The Lancet

Journal of the American College of Surgeons (JACS)

Journal of Graduate Medical Education (JGME) – Awarded Top 10% Best Reviewer in 2010 by the ACGME

British Medical Journal (BMJ)

Journal of Vascular Surgery (JVS)

Urology (The Gold Journal)

ASAIO (American Society for Artificial Internal Organs) Journal

Quality and Safety in Health Care (QSHC)

Decision Sciences Journal (DSJ)

Journal of Organizational Computing and Electronic Commerce (JOCEC)

Information Technology and Management, Hasan Pirkul & Varghese S. Jacob (Co-eds. In Chief), Kluwer Academic Publishers: Netherlands

The Handbook of Knowledge Management, Clyde Holsapple (ed.), Springer-Verlag: Berlin/Heidelberg

Decision Support Systems and Technologies Mini-track of the Americas Conference on Information Systems (AMCIS).

Knowledge Flows: Knowledge Transfer, Sharing and Exchange in Organizations mini-track of the Hawaii International Conference on Systems Sciences (HICSS).

**Committees:**

Enterprise Clinical Analytics Committee, University of Kentucky A. B. Chandler Medical Center, 2007-Current

Proposal Reviewer for the Health Services Research Subcommittee of the University of Kentucky Center for Clinical and Translational Science Pilot Project Program, 2008-Current

Measurement and Evaluation Committee, American College of Surgeons National Surgical Quality Improvement Program, 2007-2008

**Professional Memberships:**

American Medical Informatics Association (AMIA)

Honors:  
Daniel L. Davenport, PhD

Healthcare Information and Management Systems Society (HIMSS)  
Association for Information Systems (AIS)

**Honors:**

Research Employee of the Year for the University of Kentucky College of Medicine, 2003

**Other Skills:**

Fluent French speaker

Database programmer