

Curriculum Vitae

Angela B. Smith

Education

University of North Carolina Hospitals
Chapel Hill, NC
Urologic Surgery Residency, June 2008-June 2012

University of North Carolina Hospitals
Chapel Hill, NC
General Surgery Internship, June 2007-June 2008

University of North Carolina School of Medicine
Chapel Hill, NC
M.D., May 2007

University of North Carolina at Chapel Hill
Chapel Hill, NC
BSPH in Biostatistics & BA in Music Performance with Highest Honors, May 2003

Professional Experience

August 1999-May 2007 Biometric Consulting Laboratory, Research Assistant
Chapel Hill, NC
Performed statistical analyses for miscellaneous research projects.

September 2000-May 2002 UNC Neurology Laboratory, Laboratory Assistant
Chapel Hill, NC

May-August 2001 GlaxoSmithKline, Biostatistics Research Assistant
Durham, NC

Community Education

American College of Surgeons Clinical Congress, McCormick Place Convention Center, Chicago, IL “Meet the Press,” “Anticancer drug improves survival and treatment for patients with advanced bladder cancer. October 13, 2009. Webcast: <http://www.facs.org/clincon2009/press/pressconf.html>. Press release: <http://www.facs.org/clincon2009/press/smith.html>.

“Phase 2 study shows benefit of erlotinib in invasive bladder cancer.” Medscape Medical News, Kathleen Loudon, Chicago, IL, October 16, 2009, <http://www.medscape.com/viewarticle/710694>.

Honors and Awards

University of North Carolina at Chapel Hill Urology Residency

NIH-NMA Travel Award, 2011
Careers in Academic Medicine, July 2011

North Carolina Resident Symposium, 1st place, debate, 2010

Montague L. Boyd Essay Competition, 3rd place, 2010
Research Competition, Southeastern Section, American Urological Association

North Carolina Resident Symposium, 2nd place, research presentation, 2009

North Carolina Resident Symposium, 1st place, case presentation, 2008

North Carolina Resident Symposium, 1st place, research presentation, 2007

University of North Carolina School of Medicine

Alpha Omega Alpha Honor Medical Society, 2006
University of North Carolina Gamma Chapter

Medical Alumni Loyalty Fund Scholarship, 2005-2006
Full in-state tuition scholarship based on criteria including academics, service to humanity, breadth of personal and education experiences, and service to UNC

Eugene S. Mayer Community Service Honor Society, 2005
Inducted for LGBT project under supervision of the Working With the Underserved Program on Community Service Day. Selected as one of only four presentations to be orally presented

Frank Porter Graham Graduate and Professional Student Honor Society, 2005
Recognizes "outstanding service provided to the University and community by graduate and professional students enrolled at UNC- Chapel Hill." Inducted for service to UNC SOM through work as VP of Educational Development for the School of Medicine.

University of North Carolina at Chapel Hill

Phi Beta Kappa, 2003

Golden Key National Honor Society, 1996

Delta Omega award (Honor Society in Public Health), 2003
Presented to the valedictorian of the UNC biostatistics graduating class

Phi Sigma Pi Lamp of Knowledge, 2001 & 2003
Selected by fellow students for demonstrating "outstanding scholarship" within the Phi Sigma Pi National Honor Society

Johnston Scholar, 1999 – 2003
UNC-Chapel Hill's scholarship presented to "students with outstanding high school records and leadership potential"

Bibliography

Book Chapters

In Press/Submitted

Smith A, Pruthi RS. Chapter 24: Prostate Cancer Counterpoint, Patient Surveillance after Cancer Treatment (Current Clinical Oncology); ed Frank Johnson et al. 1st edition, Springerlink, 2012, in press.

Refereed Journal Articles

Coward M, **Smith A**, Ranor M, Nielsen M, Wallen EM, Pruthi RS. Feasibility and outcomes of robotic-assisted laparoscopic radical cystectomy for bladder cancer in older patients. *Urology*. 2011 May; 77(5):111-4. Epub 2011 Feb 18. PMID 21333341.

Pruthi RS, Nielsen M, Heathcote S, Rathmell WK, Godley P, Whang Y, Fielding J, Schultz H, Grigson G, **Smith A**, Kim W. A phase II trial of neoadjuvant erlotinib in patients with muscle-invasive bladder cancer undergoing cystectomy: clinical and pathological results. *BJU International*. 2010 Aug; 106(3):349-54. PMID: 20089114.

Smith A, Kurpad R, Lal A, Nielsen M, Wallen EM, Pruthi RS. Cost analysis of robotic versus open radical cystectomy for bladder cancer. *Journal of Urology*. 2010 Feb; 183(2):505-9. PMID: 20006882.

Pruthi RS, Nielsen ME, Nix J, **Smith A**, Schultz H, Wallen EM. Robotic radical cystectomy for bladder cancer: surgical and pathological outcomes in 100 consecutive cases. *Journal of Urology*. 2010 Feb;183(2):510-4. PMID: 20006884.

Nix J, **Smith A**, Kurpad R, Nielsen ME, Wallen EM, Pruthi RS. Prospective randomized controlled trial of robotic versus open radical cystectomy for bladder cancer: perioperative and pathologic results. *European Urology*. 2010 Feb; 57(2):196-201. PMID: 19853987.

Pruthi RS, Nielsen M, **Smith A**, Nix J, Schultz H, Wallen EM. Fast track program in patients undergoing radical cystectomy: results in 362 consecutive patients. *J Am Coll Surg*. 2010 Jan; 210(1):93-99. PMID: 20123338.

Pruthi RS, **Smith A**, Wallen EM. Evaluating the learning curve for robot-assisted laparoscopic radical cystectomy, *Journal of Endourology*. 2008 Nov; 22(11):2469-74. PMID: 19046088.

Miller J, **Smith A**, Kouba E, Wallen E, Pruthi RS. Prospective evaluation of short-term impact and recovery of health related quality of life in men undergoing assisted laparoscopic radical prostatectomy versus open radical prostatectomy. *Journal of Urology*. 2007 Sep; 178(3 Pt 1): 854-8; discussion 859. PMID: 17631338.

Kouba E, **Smith A**, Derksen J, Gunn K, Wallen E, Pruthi R. Efficacy and safety of en bloc ligation of the renal hilum during laparoscopic nephrectomy. *Urology* 2007 Feb;69 (2): 226-9. PMID: 17275073.

Kouba E, **Smith A**, McRackan D, Wallen E, Pruthi RS. Watchful waiting for solid renal masses: insight into the natural history of solid renal masses and results of delayed intervention, *Journal of Urology* 2007 Feb; 177(2): 466-70; discussion 470. PMID: 17222611.

York D, **Smith A**, von Allmen D, Phillips JD. Laparoscopic appendectomy in children after the learning curve, *Journal of the Society of Laparoscopic Surgeons*, 2006 Oct-Dec; 10(4): 447-52. PMID: 17575755.

York D, **Smith A**, Phillips JD, von Allmen D. The influence of advanced radiographic imaging on the treatment of pediatric appendicitis. *Journal of Pediatric Surgery*. 2005; 40: 1908-11. PMID: 16338316.

Adelberg AM, **Blotzer A**, Koch G, Moise R, Chescheir N, Wolfe H. Impact of maternal fetal surgery for myelomeningocele on the progression of ventriculomegaly in utero. *American Journal of Obstetric & Gynecology*. 2005 Sept; 193(3 Pt 1):727-31. PMID: 16150266.

Sloane PD, Beck R, Kowlowitz V, **Blotzer AM**, Wang L, Akins L, White-Chu F, Mitchell CM. Behavioral coding for evaluation of medical student communication: clarification or obfuscation? *Acad Med*. 2004 Feb; 79(2):162-70. PMID: 14744718.

Non-Peer-Reviewed Publications

Pruthi RS, **Smith AM**. Editorial comment. Effect of preoperative nutritional deficiency on mortality after radical cystectomy for bladder cancer. *Journal of Urology*. 2011 Jan; 185(1):96. Epub 2010 Nov 12. PMID 21074801.

Smith AB, Pruthi RS. Editorial comment. Impact of comorbidity on survival of invasive bladder cancer patients, 1996-2007: a Danish population study. *Urology*. 2010 Feb; 75(2):398. PMID: 20152492.

Smith A, Nielsen ME, Wallen EM, Pruthi RS. Current status of robot-assisted radical cystectomy. *Current Opinion in Urology*. 2010 Jan; 20(1):60-4. PMID: 19875962.

Smith A, Carson C. Finasteride in the treatment of patients with benign prostatic hyperplasia: a review. *Therapeutics and Clinical Risk Management*, 2009 June; 5(3):535-45. PMID: 19707263.

Nusbaum MRH, Frasier PY, Tudor G, **Smith AM**, Means G, DeVellis RF. Women's Sexual Health Care Needs: Variation by Age. *Journal of Family Communication*, 2005.

Nusbaum MRH, Frasier PY, Tudor G, **Smith AM**, Means G, DeVellis RF. Women's sexual health needs: variation by age and sexual concern typology. *Women's Health Issues*, 2005.

Abstracts (Presentations/Posters)

Langston JP, Selph JP, Manvar AM, Ferguson JE, **Smith AM**, Nielsen ME, Wallen EM, Pruthi RS. Re-resecting T1 Bladder Tumors: Single-institution Analysis in a Modern Cohort of Patients. Podium Presentation. American College of Surgeons Clinical Congress. San Francisco, CA, October 2011.

Langston JP, Selph JP, Mmeje C, Nunez R, Humphreys M, **Smith AM**, Nielsen ME, Wallen EM, Pruthi RS, Castle E. Robotic Radical Cystectomy: Medium-term Oncologic Follow-up. Podium Presentation. American College of Surgeons Clinical Congress. San Francisco, CA, October 2011.

Smith A, Sutherland R, Steiner M, Wiener J, Korets R, Liu D, Maizels M. A novel method to teach residents to perform surgery- combining e-learning, computerized enhanced visual learning (CEVL) with simulation to certify mastery of training- a model using newborn clamp circumcision as a simulation. Section on Urology Annual Meeting- American Academy of Pediatrics. Boston, MA. October 15-17, 2011. Podium Presentation.

Smith A, McKim S, Simopoulos E, Nix J, Raynor M, Nielsen M, Wallen E, Pruthi R. Prospective, randomized trial of robotic versus open radical cystectomy for bladder cancer: peri-operative and pathological results. Southeastern Section of the AUA 74th Annual Meeting. Miami, FL. March 11-14, 2010. Podium Presentation.

Smith A, Raynor M, Amling C, Busby JE, Castle E, Davis R, Thomas R, Nielsen M, Wallen E, Pruthi R. Multi-institutional analysis of robotic radical cystectomy for bladder cancer: peri-operative outcomes in 227 patients. Southeastern Section of the AUA 74th Annual Meeting. Miami, FL. March 11-14, 2010. Podium Presentation.

Smith A, Raynor M, Amling C, Busby JE, Castle E, Davis R, Thomas R, Nielsen M, Wallen E, Pruthi R. Complications associated with robotic radical cystectomy for bladder cancer: a multi-institutional analysis. Southeastern Section of the AUA 74th Annual Meeting. Miami, FL. March 11-14, 2010. Podium Presentation.

McKim S, Simopoulos E, **Smith A**, Raynor M, Nielsen M, Wallen E, Pruthi R. Robotic-assisted laparoscopic intracorporeal urinary diversion. Southeastern Section of the AUA 74th Annual Meeting. Miami, FL. March 11-14, 2010. Podium Presentation.

McKim S, Simopoulos E, **Smith A**, Raynor M, Nielsen M, Wallen E, Pruthi R. Feasibility and outcomes of robotic-assisted laparoscopic radical cystectomy for bladder cancer in the elderly. Southeastern Section of the AUA 74th Annual Meeting. Miami, FL. March 11-14, 2010. Podium Presentation.

Simopoulos E, McKim S, Waldorf B, **Smith A**, Nielsen M, Wallen E, Pruthi R. Long-term follow-up of patients initially managed with active surveillance for solid renal masses. Southeastern Section of the AUA 74th Annual Meeting. Miami, FL. March 11-14, 2010. Podium Presentation.

Simopoulos E, McKim S, Dray E, **Smith A**, Nielsen M, Wallen E, Pruthi R. Does age affect presentation and outcomes in patients undergoing radical cystectomy for bladder cancer? Southeastern Section of the AUA 74th Annual Meeting. Miami, FL. March 11-14, 2010. Podium Presentation.

Smith A, Coward M, Kim W, Nielsen M, Wallen E, Pruthi R. A Phase II study of neoadjuvant erlotinib (tarceva) in patients with muscle-invasive bladder cancer undergoing radical cystectomy: preliminary data. American College of Surgeons 95th Annual Clinical Congress. Chicago, IL. October 11-15, 2009. Podium Presentation.

Smith A, Coward M, Kurpad R, Nielsen M, Wallen E, Pruthi R. Robot-assisted laparoscopic radical cystectomy: evaluation of the learning curve. American College of Surgeons 95th Annual Clinical Congress. Chicago, IL. October 11-15, 2009. Podium Presentation.

Smith A, Coward M, Kurpad R, Lal A, Nielsen M, Wallen E, Pruthi R. Cost analysis of robot-assisted laparoscopic radical cystectomy for bladder cancer. American College of Surgeons 95th Annual Clinical Congress. Chicago, IL. October 11-15, 2009. Podium Presentation.

Smith A, Coward M, Kurpad R, Nielsen M, Wallen E, Pruthi R. The impact of a multidisciplinary approach in the management of urologic malignancies: does it influence diagnostic and treatment decisions? American College of Surgeons 95th Annual Clinical Congress. Chicago, IL. October 11-15, 2009. Podium Presentation.

Coward M, **Smith A**, Kurpad R, Nielsen M, Wallen E, Pruthi R. Impact of marital status in patients undergoing radical cystectomy for bladder cancer. American College of Surgeons 95th Annual Clinical Congress. Chicago, IL. October 11-15, 2009. Podium Presentation.

Coward M, **Smith A**, Simhan J, Nielsen M, Wallen E, Pruthi R. Racial differences in prostate-specific antigen in hypogonadal men treated with testosterone replacement therapy. American College of Surgeons 95th Annual Clinical Congress. Chicago, IL. October 11-15, 2009. Podium Presentation.

Coward M, **Smith A**, Kelly D, Kurpad R, Nielsen M, Wallen E, Pruthi R. An analysis of the impact of race on bladder cancer treatment and mortality. American Urological Association Annual Meeting. Chicago, IL. April 25-30, 2009. Podium Presentation.

Smith A, Johnson D, Kelly D, Coward M, Pruthi R, Wallen E. Impact of hospital type on surgical treatment for kidney cancer: recent trends. American Urological Association Annual Meeting. Chicago, IL. April 25-30, 2009. Podium Presentation.

Coward M, **Smith A**, Belsante J, Kurpad R, Schultz H, Nix J, Wallen E, Pruthi R. Clinical outcomes of a stapled ileal neobladder after radical cystectomy for bladder cancer. American Urological Association Annual Meeting. Chicago, IL. April 25-30, 2009. Podium Presentation.

Nix J, Coward M, **Smith A**, Kurpad R, Nielsen M, Wallen E, Pruthi R. Feasibility and outcomes of robotic-assisted laparoscopic radical cystectomy for bladder cancer in the elderly. American Urological Association Annual Meeting. Chicago, IL. April 25-30, 2009. Poster Presentation.

Coward M, **Smith A**, Kurpad R, Nix J, Schultz H, Nielsen M, Wallen E, Pruthi R. Robotic-assisted laparoscopic radical cystectomy for bladder cancer: peri-operative outcomes in 85 patients and comparison to an open cohort. American Urological Association Annual Meeting. Chicago, IL. April 25-30, 2009. Poster Presentation.

Smith A, Nix J, Coward M, Kurpad R, Schultz H, Nielsen M, Wallen E, Pruthi R. Prospective randomized trial of open versus robotic-assisted laparoscopic radical cystectomy for bladder cancer: interim results. American Urological Association Annual Meeting. Chicago, IL. April 25-30, 2009. Podium Presentation.

Smith A, Coward M, Lal A, Kurpad R, Nix J, Nielsen M, Wallen E, Pruthi R. Analgesic use in open versus robotic-assisted laparoscopic radical prostatectomy. American Urological Association Annual Meeting. Chicago, IL. April 25-30, 2009. Poster Presentation.

Smith A, Coward M, Lal A, Kurpad R, Nix J, Nielsen M, Wallen E, Pruthi R. Analgesic use in men undergoing robotic-assisted laparoscopic radical prostatectomy: a detailed analysis of demographic, clinical, and operative influences. American Urological Association Annual Meeting. Chicago, IL. April 25-30, 2009. Poster Presentation.

Smith A, Coward M, Doak H, Kurpad R, Nix J, Nielsen M, Schultz H, Wallen E, Pruthi R. Outcomes and implications of follow-up biopsies of men on active surveillance for low-risk prostate cancer. American Urological Association Annual Meeting. Chicago, IL. April 25-30, 2009. Poster Presentation.

Smith A, Doak H, Coward M, Kurpad R, Nielsen M, Wallen E, Pruthi R. Outcomes and implications of follow-up biopsies of men on active surveillance for low-risk prostate cancer. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Smith A, Coward M, Kurpad R, Nielsen M, Wallen E, Pruthi R. Does the time of day or day of the week affect outcomes after robotic-assisted laparoscopic

radical prostatectomy? Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Smith A, Johnson D, Kelly D, Coward M, Pruthi R, Wallen E. Impact of hospital type on surgical treatment for kidney cancer: recent trends. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Smith A, Coward M, Lal A, Kurpad R, Nielsen M, Wallen E, Pruthi R. Cost analysis of robotic-assisted laparoscopic radical cystectomy for bladder cancer. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Smith A, Coward M, Kim W, Grigson G, Kurpad R, Wallen E, Nielsen M, Pruthi R. A Phase II study of neoadjuvant erlotinib (tarceva) in patients with muscle-invasive bladder cancer undergoing radical cystectomy: preliminary results. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Coward M, Kelly D, **Smith A**, Kurpad R, Nielsen M, Wallen E, Pruthi R. An analysis of the impact of race on bladder cancer treatment and mortality. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Smith A, Coward M, Nielsen M, Wallen E, Pruthi R. Video: Robotic-assisted laparoscopic anterior pelvic exenteration for bladder cancer in the female. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Coward M, **Smith A**, Nielsen M, Wallen E, Pruthi R. Video: Robotic-assisted laparoscopic pelvic lymphadenectomy. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Coward M, **Smith A**, Kurpad R, Nielsen M, Wallen E, Pruthi R. Impact of obesity on operative, pathologic, and functional outcomes after robotic-assisted laparoscopic radical prostatectomy. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Coward M, **Smith A**, Kurpad R, Nielsen M, Wallen E, Pruthi R. Robotic-assisted laparoscopic radical cystectomy for bladder cancer: experience in 85 patients and comparison to an open cohort. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Belsante J, Coward M, **Smith A**, Kurpad R, Wallen E, Pruthi R. Preliminary experience with prostate-sparing cystectomy for urothelial carcinoma of the bladder. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Oral Presentation.

Coward M, **Smith A**, Kurpad R, Nielsen M, Wallen E, Pruthi R. Achieving complete success after robotic radical prostatectomy: is the trifecta in reach?

Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Poster Presentation.

Belsante J, Coward M, **Smith A**, Kurpad R, Wallen E, Pruthi R. Clinical outcomes of a stapled ileal neobladder after radical cystectomy for bladder cancer. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Poster Presentation.

Smith A, Coward M, Kurpad R, Shingleton B, Nielsen M, Wallen E, Pruthi R. Robotic-assisted laparoscopic radical cystectomy: evaluation of the learning curve. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Poster Presentation.

Smith A, Coward M, Kurpad R, Nielsen M, Wallen E, Pruthi R. The impact of a multidisciplinary approach in the management of bladder cancer. Southeastern Section of the AUA 73rd Annual Meeting. Mobile, AL. March 26-29, 2009. Poster Presentation.

Smith A, Pruthi R, Kim W, Kurpad R, Heathcote S, Rathmell K, Whang Y, Godley P, Wallen E. The impact of a multidisciplinary approach in the management of urologic malignancies: Does it influence diagnostic and treatment decisions? American Society of Clinical Oncology: 2009 Genitourinary Cancers Symposium. Orlando, FL. February 26-28, 2009. Poster Presentation.

Smith A, Pruthi R, Kim W, Rathmell K, Whang Y, Godley P, Wallen E, Kurpad R. A Phase II study of neoadjuvant erlotinib in patients with muscle-invasive bladder cancer undergoing radical cystectomy: preliminary clinical results. American Society of Clinical Oncology: 2009 Genitourinary Cancers Symposium. Orlando, FL. February 26-28, 2009. Poster Presentation.

Smith A, Pruthi R, Kim W, Kurpad R, Heathcote S, Rathmell K, Whang Y, Godley P, Wallen E. The impact of a multidisciplinary approach in the management of bladder cancer. American Society of Clinical Oncology: 2009 Genitourinary Cancers Symposium. Orlando, FL. February 26-28, 2009. Poster Presentation.

Smith A, Doak H, Coward R, Kurpad R, Nielsen M, Wallen E, Pruthi R. Outcomes and implications of follow-up biopsies of men on active surveillance for low-risk prostate cancer. Ninth Annual Meeting of the SUO to Discuss Current Topics and Strategies in: Urologic Oncology, Extraordinary Opportunities for Discovery. December 4-6, 2008. Poster presentation.

Smith A, Coward R, Kelly D, Nielsen M, Wallen E, Pruthi R. Evaluation of the incidence of a second urologic malignancy (bladder cancer and kidney cancer) in men with a diagnosis of prostate cancer. Ninth Annual Meeting of the SUO to Discuss Current Topics and Strategies in: Urologic Oncology, Extraordinary Opportunities for Discovery. December 4-6, 2008. Poster presentation.

Smith A, Coward R, Kurpad R, Nielsen M, Wallen E, Pruthi R. The impact of a multidisciplinary approach in the management of urologic malignancies: does it influence diagnostic and treatment decisions? Ninth Annual Meeting of the SUO

to Discuss Current Topics and Strategies in: Urologic Oncology, Extraordinary Opportunities for Discovery. December 4-6, 2008. Poster presentation.

Smith A, Coward R, Kelly D, Kurpad R, Nielsen M, Wallen E, Pruthi R. Analysis of the impact of race on bladder cancer treatment and mortality. Ninth Annual Meeting of the SUO to Discuss Current Topics and Strategies in: Urologic Oncology, Extraordinary Opportunities for Discovery. December 4-6, 2008. Poster presentation.

Coward R, **Smith A**, Kurpad R, Nielsen M, Wallen E, Pruthi R. Robotic-assisted laparoscopic radical cystectomy: medium-term clinical and oncologic follow-up. Ninth Annual Meeting of the SUO to Discuss Current Topics and Strategies in: Urologic Oncology, Extraordinary Opportunities for Discovery. December 4-6, 2008. Poster presentation.

Coward R, **Smith A**, Kurpad R, Nielsen M, Wallen E, Pruthi R. Robotic-assisted laparoscopic anterior pelvic exenteration. Ninth Annual Meeting of the SUO to Discuss Current Topics and Strategies in: Urologic Oncology, Extraordinary Opportunities for Discovery. December 4-6, 2008. Poster presentation.

Coward R, **Smith A**, Kurpad R, Nielsen M, Wallen E, Pruthi R. Impact of obesity and adiposity on outcomes of patients undergoing radical cystectomy for bladder cancer. Ninth Annual Meeting of the SUO to Discuss Current Topics and Strategies in: Urologic Oncology, Extraordinary Opportunities for Discovery. December 4-6, 2008. Poster presentation.

Coward R, **Smith A**, Kurpad R, Nielsen M, Kim W, Wallen E, Pruthi R. A phase II study of neoadjuvant erlotinib (tarceva) in patients with muscle-invasive bladder cancer undergoing radical cystectomy: updated results and correlative molecular results. Ninth Annual Meeting of the SUO to Discuss Current Topics and Strategies in: Urologic Oncology, Extraordinary Opportunities for Discovery. December 4-6, 2008. Poster presentation.

Smith A, Kouba E, Gunn K, Wallen E, Pruthi R. Gender-dependent associations between body composition in patients with renal cell carcinoma. 71st AUA Southeastern Section Annual Meeting. March 8, 2007. Oral presentation.

Smith A, Kouba E, Gunn K, Wallen E, Pruthi R. Impact of surgical treatment of renal carcinoma on renal function and blood pressure: a race- and age-dependent association. 71st AUA Southeastern Section Annual Meeting. March 8, 2007. Oral presentation.

Kouba E, **Smith A**, Wallen E, Pruthi R. Characterization of pT3A renal carcinoma in tumors less than 4.0 cm in size. 71st AUA Southeastern Section Annual Meeting. March 8, 2007. Poster presentation.

McRackan D, Kouba E, **Smith A**, Wallen E, Pruthi RS. Watchful waiting experience for solid renal masses: insight into the natural history of incidentalomas. American College of Surgeons 92nd Annual Clinical Congress, October 10, 2006. Chicago, Illinois.

McRackan D, Kouba E, **Smith A**, Wallen E, Pruthi RS. Expectant management of small renal masses: Does a delay in therapy pose a clinical or pathological risk to the patient? American Urological Association. May 21, 2006. Atlanta, Georgia

Kouba E, Smith A, McRackan D, Wallen E, Pruthi R . Expectant management of small renal masses and results of delayed intervention. 47th Annual Student Research Forum. April, 2006.

McRackan D, Kouba E, **Smith A**, Wallen E, Pruthi RS. Expectant management of small renal masses: Does a delay in therapy pose a clinical or pathological risk to the patient? American Urological Association, Southeastern Section. March 2, 2006. San Juan, Puerto Rico.

Smith A. LGBTQ youth support in the triangle." University of North Carolina School of Medicine Community Service Day, February 19, 2005. Oral presentation.

York, D, **Smith A**, Phillips D, von Allmen, D. The Influence of advanced radiographic imaging on the treatment of pediatric appendicitis." Scholars.com Scientific Conference. 2005. Oral presentation.

Adelberg AM, **Blotzer A**, Koch G, Moise R, Chescheir N, Wolfe H. Impact of maternal fetal surgery for myelomeningocele on the progression of ventriculomegaly in utero. *AJOG* Conference. 2004. Oral presentation.

Professional Service

Memberships

American Urological Association, Candidate Member, 2008-current

American College of Surgeons, Resident Member, 2008-current

Activities outside of UNC

Journal of Clinical Oncology, Ad-hoc reviewer, 2011

Journal of Urology, Invited Editorial Comment, 2009-2010

Case Reports in Medicine, Invited Reviewer, 2009

Urology, Invited Editorial Comment, 2009

Activities within UNC

University of North Carolina at Chapel Hill Urology Residency
AUA Sectional Residents Committee Member, 2010-2011

Organize resident activities in the southeast section, determine election of national committee members, and outline resident policies in the American

University of North Carolina School of Medicine

Whitehead Medical Society Clinical VP of Educational Development, 2006 – 2007. Continue position from 2004-2005 to create an annual assessment of medical students' overall *clinical* education, ranging from curriculum/academic issues to library services and financial aid, with focus on clinical years.

Whitehead Medical Society VP of Educational Development, 2004 – 2005

Spear-headed new position in the Whitehead Medical Society to create an annual assessment of medical students' overall education, ranging from curriculum/academic issues to library and health services. Organized annual student focus groups and conducted end-of-year surveys to assess student opinion. Communicated regularly with administration to creatively address student concerns.

Honor Court Board Member, 2004 – 2007

Work to promote honorable conduct among medical students through announcements, emails, lectures or discussions. Sit on court cases involving infractions of the code or Whitehead constitutional matters

Tar Wars Middle School Smoking Prevention Program, 2004 – 2005

Volunteered in middle schools in Chapel Hill and Carrboro to educate students about the hazards of smoking

Habitat for Humanity (School of Medicine), 2005

Helped build house for a single mother and her four children. Examples of responsibilities included installing roof shingles, insulation, and vinyl siding

Working with the Underserved Program, 2004

Organized an LGBT youth support group for Wake County (in conjunction with ASPYN, Haven House, and Wake Teen Medical Services). Visited Mexico to improve Spanish-speaking skills for Latino patient population

Orientation Counselor, 2004

Aided in check-in and provided advice for incoming MS1 students during orientation.

Focus Group leader for Respiratory Block, Fall 2004

Represented student opinions of the respiratory MS2 course. Identified and organized solutions to student concerns

Focus Group leader for Histology, Spring 2004

Represented student opinions of the histology MS1 course. Identified and organized solutions to student concerns

Lab Representative 2003 – 2005

Selected by students to represent student opinions from one of six laboratories. Met regularly with student government and maintained academic environment in lab and lecture facilities.

Reflective Statement

My area of expertise is primarily in urologic oncology, focusing on both surgical outcomes research and associated improvements in quality of care. My research training began early, during my undergraduate studies in biostatistics as an undergraduate at UNC. In addition to my formal coursework, I was also fortunate to join the Biometric Consulting Laboratory (BCL) and became a statistical consultant under the mentorship of Dr. Gary Koch, co-founder of Quintiles and director of the BCL, shortly after matriculation. I pursued a variety of outcomes-oriented research projects throughout my undergraduate years. During medical school, I began to focus on urologic research under the mentorship of Dr. Raj Pruthi, chief of our division. With his encouragement, I continued pursuing outcomes research, focusing on bladder, prostate and kidney cancer. As my training continued, I developed a deep interest in the area of bladder cancer. While a large amount of research has led to the improvement of outcomes in prostate and kidney cancer, the field of bladder cancer, with regard to treatment and mortality, has remained stagnant. The bladder cancer population consists of higher risk patients who, due to older age at presentation and morbidity of treatment, have a high mortality rate.

Given this information, my research has led toward the development of risk-assessment tools based on functional improvements prior to surgery, which is my current area of focus. I am the principal investigator on a protocol to examine preoperative predictors of postoperative outcomes following cystectomy for bladder cancer, which is currently under review. As part of this protocol, patients will undergo a geriatric assessment preoperatively to assess multiple medical risk factors. Complications will then be evaluated post-operatively to examine predictors of morbidity and mortality as a means of identifying possible candidate targets for risk stratification and intervention. With this data, I hope to pursue a larger scale study to better detail these risks and how they can be altered to improve our patients' outcomes.

I also feel that it is of utmost importance to better characterize cancer patients at UNC through the creation of research databases, which would include bladder, kidney, and prostate patients. These secure databases will track specific variables which may serve to improve quality of care for patients in the future. These data may also be used, with appropriate IRB approval, to answer relevant clinical questions. As UNC has increasingly focused on advancing cancer treatments and treating a large proportion of oncology patients, this information will be invaluable in advancing our understanding of bladder, prostate, and kidney cancer. I also plan to become proficient in techniques for the management and analysis of administrative data, which includes the Integrated Cancer Information and Surveillance System (ICISS), a prospective data linkage between metrics of cancer incidence, mortality and burden in North Carolina, which seeks to describe behavioral, economic and social patterns. This will allow us to

address broader clinical questions, some of which will require a multi-institutional patient population.

While research and patient care are certainly important components of my role as an Assistant Professor, I will also strive to be an educator to our Urology residents as well as medical students, both from UNC as well as other visiting institutions. As a former resident at UNC, I have first-hand knowledge of the educational program in the urology division, and have made great strides in its improvement. The Urology Core Curriculum was introduced one year ago and, as chief resident of the service, I overhauled the weekly scholarly curriculum to reflect these changes. I also coordinated pathology conferences as well as the addition of multi-disciplinary lecturers to enrich our overall education. Furthermore, I instituted a preoperative conference led by the chief resident each Friday, during which junior residents list the operative cases for the next week and an operative plan is proposed with subsequent critiques and suggestions from the chief resident. These improvements have been well-received by our resident complement, and have also improved patient care by affording junior residents a better understanding of the patient's disease process and the best way to proceed with management.

My teaching responsibilities will continue as a faculty member, with opportunities to instruct both residents and medical students throughout the year. My responsibilities will include teaching in both the operating room as well as the clinic setting. Furthermore, I plan to provide lectures during Wednesday grand rounds sessions to supplement residents' education throughout the year. My teaching style involves a hands-on, logical approach in which learners work through the problem in a step-wise fashion. Laboratory tests and radiologic studies must be understood on the part of the student on several levels, by both appreciating the reasons for the test and whether or not the result would alter the patient's management. I will also seek to be a mentor to those interested in an academic career and hope to be a positive role model in this regard. I also hope to improve as an educator as I mature in my clinical position, understanding the needs of the residents and their different learning styles. I will seek active feedback from my learners in order to continually improve my teaching style. As a result of my teaching, I hope that my students become independent and thoughtful clinicians with excellent clinical and operative abilities.