

**Shandra Wilson, MD, FACS  
MBA Candidate**



**Curriculum Vitae**

**Title:** Associate Professor  
Department of Surgery/Division of Urology

**Personal Mission:** Deliver high-quality high-value care, remaining curious and nurturing to tomorrow's leaders, while using my MBA skills to improve the community of those around me

**Office Address:**

University of Colorado Denver  
Department of Surgery/Division of Urology  
Anschutz Medical Campus  
Academic Office 1, Mail Stop C-319  
12631 East 17<sup>th</sup> Avenue, Room L15-5613  
Aurora, CO 80045

**Email:** [shandra.wilson@ucdenver.edu](mailto:shandra.wilson@ucdenver.edu)

**Education:**

1990-1993 University of Denver, Math Minor  
Denver, Colorado, Biology Major  
Bachelor of Science: Honors Program  
Graduated Magna Cum Laude  
Phi Beta Kappa

1990-1993 University of Denver, Sociology Major  
Denver, Colorado  
Bachelor of Arts: Honors Program  
Graduated Magna Cum Laude  
Phi Beta Kappa

1993-1997 Washington University  
St. Louis, Missouri  
Honors Scholar  
M.D. Degree

2016-2018 University of Colorado Denver  
Executive Masters in Business, Health Administration  
M.B.A. Candidate

**Postgraduate Training:**

1997-1999 West Virginia University, Morgantown, WV (Tired of St. Louis Trauma)  
General Surgery Residency Training

1999-2001	University of Mississippi, Jackson, MI (Not a good fit) Urologic Residency Training
2001-2003	University of Southern California, Los Angeles, CA Urology Residency Training
2003-2004	University of Colorado at Denver and Health Sciences Center Urologic Oncology Post-Doctoral Fellowship
7/2007	University of California, Irvine Robotic Training for Urologic Oncology
9/2009	Association of Academic Medical Colleges, Washington DC Early Career Women Faculty Professional Development
2014-2015	Colorado Medical Society Scholarship for University of Denver's Advanced Physician's Leadership Program
5/2015	Colorado Medical Society Spring Conference Breaking Down Barriers: Reunifying Physicians and Patients
9/2015	Colorado Medical Society Annual Meeting and Convening of the House of Delegates COPIC Educational Sessions and Lectures
9/2015	Greeley Proprietary Course Business Leadership for Physicians
2015-2016	University of Colorado Hospital/School of Medicine' Scholarship Leadership in Team Science – Envisioning the Clinical/Translational Campus
2016-2018	University of Colorado at Denver 52 credit hours total Executive Healthcare MBA Course, 3.8 GPA

**Postgraduate Qualifications:**

2004	Transurethral Microwave Therapy Training Certification
2005	Photovaporization of the Prostate Training Certification
2006	Oral American Board of Urology Certification
2007	Robotic Surgery Training Certification, Los Angeles CA
2009	Advanced Robotic Surgery, Las Vegas
2009	Urologic Oncology Training Robotic Surgery Training, Celebration, FL
2014	Six Sigma, "Lean," PDSA Basic Training, Aurora Colorado
2015	Introductory Training Program in Quality Improvement, IHQSE, University of Colorado Medical Campus
2015	Maintenance of Certification, American Board of Urology
2015	Advanced Physician Leadership Training, Colorado Medical Association
2016	LiTES, Leadership in Team Science Training Complete, CCTSI sponsored
2018	MBA in Health Administration Graduation Anticipated

**Appointments/Committees:**

2005-Present	Associate Director for Urologic Oncology, Bladder Cancer. Department of Surgery, Division of Urology, University of Colorado at Denver and Health Science Center
2006-2008	Board Member: Society of Women in Urology
2008-Present	Associate Professor, University of Colorado, School of Medicine, Denver Colorado
2007-Present	Foundations of Doctoring Faculty, University of Colorado Medical School, Denver Colorado
2010-Present	Faculty for Colorado Rural Health Scholars Program (CoRHSP)
2012-Present	OR Steering Committee Member
2010-Present	Mentor to students interested in Urology, regular speaker Urology Interest Group
2010-Present	Chair, committee for the creation of an Endowed Chair around Urologic Oncology and Patient Quality and Safety in Surgery
2011-Present	Medical Education Resources, Director of Content and Lecturer, Men's Health for Primary Providers
2012-Present	Mentor to Women interested in Surgery (gatherings at our house)
2014-Present	Mentor for 10-Week Intense Summer Research Program for high school or college students
2015-Present	NSQIP Anschutz Department of Surgery Quality Improvement Committee
2016-Present	Fellow, American College of Surgeons
2004-2008	Assistant Professor, University of Colorado School of Medicine, Denver Colorado
2008-2009	Secretary of Faculty Senate, University of Colorado at Denver and Health Science Center
2009-2013	Fellowship Director, Urologic Oncology, Department of Surgery, Division of Urology, University of Colorado at Denver and HSC
2009-2011	Student Research Mentor for Students from Abroad interested in Urologic Oncology (Egypt, Iran)
2010-2013	University Physicians Inc., Board of Directors, Member at Large
2010-2012	Director of Volunteer Services, Urologic Oncology Surgery Division
2013-2015	Provider Satisfaction/ Patient Experience Steering Committee, for University of Colorado Health
2016-2017	OR Executive Committee Member
2014-2016	Peri-Operative Process Improvement Steering Committee – Began in Institute for Hospital Quality, Safety and Efficiency Project around OR First Time Starts and Room Turn-over Efficiencies
2015-2016	Elected Delegate, Colorado Medical Society
2015-2017	CMS Finance Committee, Colorado Medical Society
2015-2016	Alternate Appeal Panel Member for Rocky Mountain HMO

**Hospital Affiliations:**

2004-Present	University of Colorado Hospital, Aurora, CO
2004-Present	Denver Health Medical Center, Denver, CO
2004-Present	The Children's Hospital, Denver, CO
2004-Present	The Veterans Administration Medical Center, Denver, CO
2005-2010	Staff Privileges, Rose Medical Center, Denver, CO (Robotics)
2009-2012	Monthly Visiting Surgeon, Mercy Regional Medical, Durango, CO (Outreach)

**Awards and Honors:****College:**

<u>Date</u>	<u>Award</u>	<u>Description</u>
1993	Magna Cum Laude	B.S. Degree, Biology
1993	Magna Cum Laude	B.A. Degree, Sociology
1993	Phi Beta Kappa Designation	Honor Society/Philanthropy
1993	Renaissance Scholar Award	Robert L. Dores Renaissance Award
1990 -1993	Honors Scholarship Program	Merit-Based University Tuition Grant With Advanced Academic Curriculum and Basic Science Thesis

Medical School:

<u>Date</u>	<u>Award</u>	<u>Description</u>
1993-1997	Honors Scholarship	Merit-Based Medical School Tuition
1996	AFUD Summer Scholar Basic Urologic	Research Grant (Gene Therapy)

Residency:

<u>Date</u>	<u>Award</u>	<u>Description</u>
1998	In-service Commendation	Highest Score Junior Residents
2000	In-service Commendation	Highest Score Urology Residents
2001	In-service Commendation	Highest Score Urology Residents
2002	Outstanding Achievement	AUA Resident Scholarship

Post Graduate:

<u>Date</u>	<u>Award</u>	<u>Description</u>
2007	America's Top Urologists	Consumer Research Council
2007-2014	Registry designation	Who's Who in America
2009	Partners in Care Physician Award	University of Colorado Hospital Staff Award
2010	America's Top Urologist 2010	Consumer's research council Professional Award
2010-2014	"National Doctor Day" Award	CU Recognition by many patients Philanthropic donations
2010, 2015	Golden Stethoscope Award	Best Specialist Preceptor Award, Foundations of Doctoring, University of Colorado School of Medicine
2014	Teaching Award	Resident Commendation
2015	Patients' Choice Award	2015 Vitals Patient's Choice Award
2016	Honorable Mention	Who's Who in Academia

**Peer Review and Referee Work:**

2004-Present	Reviewer: Journal of Urology
2004-Present	Reviewer: British Journal of Urology
2004-Present	Reviewer: Issues in Urology
2004-Present	Reviewer: Endourology
2004-Present	Reviewer: European Urology
2007-Present	Reviewer: Nutrition Guide for Clinicians
2007-Present	Peer Review, Inc – Peer Reviewer for written and live content
2007	Moderator South Central Section, Urology, Podium Session Prostate Cancer
2008	Moderator South Central Section, Urology, Podium Session Bladder Cancer

2009	Co-Moderator South Central Section of the American Urologic Association, Treatment Podium Session Prostate Cancer
2014	Co-Moderator South Central Section of the American Urological Association, Rancho Mirage, CA, Poster Session Bladder Cancer
2015	Judge, Eisman Department of Surgery Clinical Research Award
2016	Bladder Cancer Expert Panelist, Rocky Mountain Urological Society, Annual Spring Meeting
2014-current	Poster Session Moderator, Rocky Mountain Urologic Society, Annual Meeting

**Professional Organizations:**

2004-Present	Southwestern Oncology Group (SWOG): Clinical and Principal Investigator
2004-Present	Rocky Mountain Urological Association (RMUS): Member
2004-Present	University of Colorado Comprehensive Cancer Center: Member
2004-2012	Geheart Investment Group: Lead Physician Panel Member
2005-Present	American Urological Association (AUA): Platinum Member
2005-Present	South Central Section (SCS) of the American Urological Association
2005-Present	Society of Women in Urology (SWIU): Member
2005-Present	University Physicians Inc. (UPI): Consultant Reviews
2007-Present	Society of Urologic Oncology (SUO): Elected Member
2008-2010	Society of Women in Urology (SWIU): Board Member
2011-2013	Board Member Colorado Access
2013-2015	Provider Satisfaction Steering Committee – University of Colorado Hospital
2014, 15, 16	Moderator South Central Section of the American Urological Association, Bladder Cancer Sessions; CA, AZ, CO
2014-Present	Colorado Medical Society (CMS): Elected Delegate and Member
2014-Present	Denver Medical Society (DMS): Member
2015-Present	Denver’s Leader’s Women’s Book Club: Founder and Organizer
2016-Present	American College of Surgeons (ACS): Member
2016- Present	Denver Academy of Surgeons (DAS): Member

**Licensure:**

2000-2003	California
2003-Present	Colorado

**Service (See also Appointments):**

2004-Present	Oversight for clinical knowledge, surgical technique and professional behavior Urologic residents
2004-Present	Involvement in various local prostate cancer screening drives
2005-Present	Creation and maintenance of patient learning materials, videos and pre-printed orders to improve surgery efficacy, safety and satisfaction <a href="http://www.ucdenver.edu/academics/colleges/medicalschoo/departments/surgery/divisions/urology/Pages/SurvivingBladderCancer.aspx">http://www.ucdenver.edu/academics/colleges/medicalschoo/departments/surgery/divisions/urology/Pages/SurvivingBladderCancer.aspx</a>
2006-Present	Regular lectures/mentorship in Surgery interest group CU Boulder, Medical Students University of Colorado
2004-2010	Educator and Invited Writer of Informational documents for Prostate Cancer Education Committee (PCEC)
2006-2010	Founder of University of Colorado’s Coloradourologist.com Website including live “chat room” with an “ask the doctor” link
2008-2012	University of Colorado Bladder Cancer Support Group

2010-Present	Colorado Rural Health Sumner Scholars Program: 48 hours devoted each summer dedicated to the education, inspiration, and mentoring of rural high school students with less exposure to “big science”
2012-2013	Assistance with integration Urology North Campus with Central Campus UCHealth
2015-2016	Standardization of all Urologic Oncology Guidelines for Nurse Triage
2014-2016	Summer Scholar Research Program, University of Colorado Health Zuhair Barqawi, mentee
2014-2016	Assistance with IHQSE project around first-time starts and room turn-over with Suzanne Sortman and Ethan Cumbler
2015-Present	Automation of Urologic Residents’ Case Logs for Improved Accuracy and Timeliness with the ACGME
2016-Present	Assistance with early Foley catheter removal in Urology for IHQSE project with Tammy Spencer
2016-Present	Pilot for Provider Score Card with Patrick Kneeland
2016-Present	Creation of Surgical Site Infection Bundle, with EPIC optimization in Urology with Dr. John Song
2017-Present	Decrease in UTIs for patients needing spinal cord hardware with Dr. Evalina Burger
2017-Present	SUPRPAS - Standardizing risks in patients undergoing major elective surgery with Dr. Rob Meguid
2017-Present	Business plan support for second MLP for Urology Inpatient Service

#### **Peer-reviewed Abstracts/Presentations:**

1. Fowler JE Jr, Bigler SA, **Wilson SS**, Farabaugh PB: Influence of Race on HGPIN in Benign Prostate Biopsies. Podium; Annual Meeting of the Southeastern Section, American Urological Association. Orlando Florida, April 2000.
2. **Wilson SS** and Farivar-Mohseni H: Renal Cell Cancer and End Stage Renal Disease. Poster, Annual Meeting of the American Urological Association. Los Angeles California, June 2001.
3. **Wilson SS** and Stein JP: Bilateral XGP: Case Report and Review of the World’s Literature. Poster; Western Section Meeting of the American Urological Association. Kauai Hawaii, October 2002.
4. **Wilson SS** and Stein JP: Adenocarcinoma of the Bladder: USC Experience. Podium; Western Section Meeting of the American Urological Association. Kauai Hawaii, October 2002.
5. **Wilson SS**, Quek ML and Ginsberg DA: Transurethral Bulking Agents After Orthotopic Urinary Diversion for Stress Urinary Incontinence. Podium; Western Section Meeting of the American Urological Association. Kauai Hawaii, October 2002.
6. **Wilson SS**. Salvage Cryoablation of the Prostate. 14<sup>th</sup> International Prostate Cancer Update. Vail, Colorado, February 2003.
7. Al Barqawi, James Lugg, **Wilson SS**, Fernando Kim and E David Crawford. PHASE 1 Dose Escalation Clinical Trial of Intraprostatic Injection of Botulinum Toxin Type A in Men with Obstructive Luts Due to Benign Prostatic Hyperplasia. Podium; American Urological Association Annual Meeting. Anaheim, CA. May 2007.
8. **Wilson SS**, Coli J, and Salem CJ. Prostate cancer therapy; Does the treatment fit the crime? Live Panel Debate. American Urological Association Annual Meeting. Anaheim, CA. May 2007.
9. Carlsen SN, McCreight KS, Flynn BJ, and **Wilson SS**. Photoselective Vaporization of the Prostate for the Treatment of Radiation-induced Prostatic Urethral Strictures. Podium; South Central Section Meeting of the American Urological Association. Colorado Springs, CO. September 2007.
10. Al Barqawi, Joseph Dall’Era, **Wilson SS** and E David Crawford. Three Dimensional Mapping Biopsy of the Prostate. A New Approach to Early Staging of Prostate Cancer. Podium; South Central Section Meeting of the American Urological Association. Colorado Springs, CO. September 2007.

11. Petersen JFS and **Wilson SS**. Body Mass Index and Pathology, Complications, and Survival in Muscle Invasive Bladder Cancer. Podium; South Central Section of the American Urological Association. San Diego, California 2008.
12. Petersen JFS, **Wilson SS**, and Koul H. Requirement of ERK1 and p38 MAP kinase Signal Transduction Pathways for Growth, Proliferation, Migration and Invasion of Bladder Cancer Cells. Research Forum of the South Central Section of the American Urological Association. San Diego, California 2008.
13. Jane Sinclair, **Wilson SS**, Binod Kumar, Sweaty Koul, Lakshmi pathi Khandrika, and Hari Koul. MAP kinase signaling pathway differentially affect cell growth and proliferation of invasive bladder cancer cells. Poster, American Urological Association. April 2009
14. **Wilson SS**, Van Bokhoven A, Gustafson E.; A pilot study of oral silybin-phytosome followed by prostatectomy in patients with localized prostate cancer. Poster; AACR 100<sup>th</sup> Annual Meeting. Denver, Colorado, April 2009.
15. Amy Hou, Al B. Barqawi, Colin I. O'Donnell, Paul Arangua, Paul D. Maroni, **Wilson SS**, Randall B. Meacham, E. David Crawford. The Role of Dutasteride on Tumor Volume: A Retrospective Study of 154 Patients who Underwent 3D Mapping Biopsy. Podium; South Central Section of the American Urological Association. Scottsdale, AZ. October 2009.
16. Al Barqawi, Paul Arangua, Paul Maroni, **Wilson SS**, E. David Crawford. Targeted Focal Therapy for Treatment of Early Stage Prostate Cancer: initial Results of a Prospective Institutional Study. Podium; South Central Section of the American Urological Association. Scottsdale, AZ. October 2009.
17. Joseph Dall'Era, E. David Crawford, Paul Maroni, **Wilson SS**, Al Barqawi. Failure of Primary Radiation Therapy for Localized Prostate Cancer Results in Significant Histologic Disease Progression on Repeat Biopsy. Podium; South Central Section of the American Urological Association. Scottsdale, AZ. October 2009.
18. Dan Swanson, Sean Primly, **Wilson SS**. A Possible Increased Relative Incidence of Primary Bladder Adenocarcinoma. Podium; South Central Section of the American Urological Association. Scottsdale, AZ., October 2009.
19. Dan Swanson, **Wilson SS**, Anthony Touch. Three patients who developed transitional cell carcinoma of the bladder after receiving radioactive iodine for thyroid cancer. Poster; South Central Section of the American Urological Association, AZ, October 2009.
20. Al Barqawi, Paul Arangua, Paul Maroni, David Raben, **Wilson SS**, E. David Crawford. The role of 3D mapping Biopsy of the prostate in Decision making for treatment of early prostate cancer. Poster; South Central Section of the American Urological Association, AZ, October 2009.
21. Thomas W. Flaig, Adrie Van Bokhoven, Leila Garcia, Paul Maroni, **Wilson SS**, Erin Genova, Pamela Wolfe, Diana Morales, Jennifer Gurshtein, Scott Lucia. The confirmation and prognostic potential of circulating tumor cells in urothelial carcinoma. Poster; 2010 Genitourinary Cancers Symposium. San Francisco, CA, March 2010.
22. Abdalla Ali Deb, **Wilson SS**, Binod Kumar, Sweaty Koul, Randall Meacham, Hari Koul. Synergistic Effects of Valproic Acid and Mitomycin-C on Inhibition of Cell Growth and Induction of Apoptosis in Human Bladder Cancer Cells. Poster; American Urologic Association, San Francisco, CA. May 2010.
23. Deb, Abdalla, **Wilson SS**, Koul, Sweaty, Kumar, Binod. Valproic Acid (VPA Sensitizes Bladder Cancer cells to Mitomycin C (MMC): Synergistic Effects of VPA and MMC on inhibition of Cell Growth and Induction of Apoptosis in Human Bladder Cancer Cells. Poster; American Urological Association. San Francisco, CA. May, 2010.
24. Frozcnak, Caroyln and **Wilson SS**. Tobacco exposure and risk of the development of Transitional Cell Carcinoma – Some surprises. Presentation; South Central Section of American Urologic Association, Charleston, WV, Sept. 2010.

25. Arnett, Dan, O'Donnell, Colin, **Wilson SS**. Partial cystectomy followed by radical cystectomy – How do these patients do? Poster; South Central Section of the AUA. San Antonio, TX. Sept, 2011.
26. Arnett, Dan, O'Donnell, Colin, Gholizadeh, Saeed, **Wilson SS**. Neoadjuvant chemotherapy prior to cystectomy in PT2 patients – think twice. Poster; South Central Section of the AUA. San Antonio, TX, Sept, 2011.
27. Skinner E, Goldman B, Sakr W, Petrylak P, Lenz H, Lee CT, **Wilson SS**, Lerner SP, Tangen CM, Thompson IM. SWOG S0353: Phase II trial of induction plus 1 year monthly maintenance intravesical gemcitabine for patients with recurrence following 2 prior courses of BCG. Presentation; American Urological Association Annual Meeting. Atlanta, GA, May 19-23, 2012.
28. Dancik, Garrett, **Wilson SS**, Theodorescu, Dan. A cell cycle proliferation signature predicts progression and outcome in bladder cancer. Presentation; Society of Urologic Oncology. Rockville, MD, Nov. 2012.
29. Kamat, Ashish M., Chang, Sam S., Lee, Cheryl T., Amiel, Gilad E., Beard, Timothy L., Fergany, Amr, Fergany, R. Jeffrey, Karnes, Menon, Venu, Sexton, Wade J., Slaton, Joel W., Svatek, Robert S., **Wilson SS**, Techner, Lee, Bihrl, Richard, Koch, Michael O., Steinberg, Gary D. Alvimopan, a peripherally acting  $\mu$ -opioid receptor antagonist, accelerates gastrointestinal recovery and decreases length of hospital stay after radical cystectomy. Poster; American Urologic Association, San Diego, CA, May 2013.
30. Martinez R and **Wilson SS**. The use of epidurals in radical cystectomy to reduce hospital stay and rate of complications. South Central Section of the American Urological Association, Rancho Mirage, CA September, 2013.
31. Martinez R and **Wilson SS**. The use of educational videos to improve patient satisfaction in radical cystectomy. South Central Section of the American Urological Association, Rancho Mirage, CA September, 2013.
32. Barqawi, Zuhair, Pshak, Tom, and **Wilson SS**. Long-term Kidney Function Follow Up In Patients Undergoing Cystectomy for Invasive Bladder Cancer. Poster; Summer Research Cancer Fellowship, University of Colorado Cancer Center, Anschutz Medical Center. Aurora, CO, Aug 2014.
33. Hypolite J., Pan X.-Q., **Wilson S.**, Meacham R.B., Malykhina A.P. Impaired expression and function of TREK-1, a stretch-activated two-pore domain potassium channel, underlies detrusor overactivity in humans. Podium; AUA annual meeting, May 15-19, 2015, New Orleans.
34. Barqawi, Zuhair, Krughoff, Kevin, O'Donnell, Colin, and **Wilson, SS**. Worsened outcomes for patients who develop bladder cancer and develop bladder cancer with a history of prior radiation as compared to controls. Poster; Summer Research Cancer Fellowship, University of Colorado Cancer Center, Anschutz Medical Center. Aurora, CO, Aug 2015.
35. Krughoff, Kevin, Lhungay, Tamara, and **Wilson, SS**. Non-statistical decrease in fistula after enteroenterostomy with the use of bovine pericardial bolsters. Poster; South Central Section of the American Urological Association, Scottsdale, AZ, October 28-31 2015.
36. Krughoff, Kevin, Barqawi, Zuhair, O'Donnell, Colin, and **Wilson, SS**. Worsened outcomes for patients who develop bladder cancer and develop bladder cancer with a history of prior radiation as compared to controls. Poster; South Central Section of the American Urological Association, Scottsdale, AZ, October 2015.
37. Hypolite J., Pan X.-Q., **Wilson SS.**, Meacham R.B., Malykhina A.P. Mechanosensitivity of the human detrusor during bladder filling is regulated by stretch-activated two-pore domain potassium channels. Podium; 94th SCS annual meeting, October 28-31, 2015, Scottsdale, AZ.
38. Westfall, N and **Wilson SS**. Challenging case for the Teleon Howard Award (Bilateral Renal Endometriosis). South Central Section of the AUA. October 28-31, 2015, Scottsdale, AZ
39. Ha S, Lhungay T, O'Donnell C, Maroni P, Flaig T, Kamat A, and **Wilson, SS**. Outcomes of Patients with Known Node-Positive Disease Undergoing Neo-adjuvant Chemotherapy with Cystectomy and Node Dissection. Poster; Society of Urologic Oncology, Washington DC, December 2015.



40. Lungay, Tamara, **Wilson, SS.**, Warncke, Jason, Serracino, Hilary, LaRosa Francisco. Malignant Solitary Fibrous Tumor of the Urinary Bladder; Clinical and Pathological Challenges of a Rare Tumor. Poster; University of Colorado School of Medicine Office of Continuing Medical Education, CU Department of Pathology Grand Rounds, Aurora, CO, March 2016.
41. Lungay T and **Wilson SS.** Challenging case for the Teleon Howard Award. South Central Section of the AUA. (Malignant Fibrous Histocytoma of the Bladder). Colorado Springs, Colorado, September 2015.
42. Stokes WA, Kessler ER, **Wilson SS**, Lam ET, Flaig TW, Kavanagh BT, Pugh TJ; Organ preservation for muscle-invasive squamous cell carcinoma of the urinary bladder in the United States. ASCO, San Francisco, April 2017

**Additional Presentations - Grand Round-Type Educational Presentations for CME (Medical Students, Primary Care Physicians, Oncologists, Urologist):**

1. Met- and Leu- Enkephalin Isolation in Primordial Cartilaginous Fish. Honors Thesis, Denver Colorado, 1993.
2. Androgen Ablation and Prostate Cancer: A Review. Sub-Internship Grand Rounds Columbia University. New York City, New York; October 1996.
3. Ileal Loop Verses Reservoir Reconstruction after Cystectomy. Zimmerman Competition. Morgantown West Virginia, May 1998.
4. Prostate Cancer Screening in 2004. Urology Grand Rounds. UCDHSC, Denver, CO. March 2004.
5. Downsizing and Prostate Cancer. Discussion of LHRH Antagonists in 2004. Westminster, Colorado, June 2004.
6. What's New in GU? Urology Grand Rounds. UCDHSC, Denver, CO. June 2005.
7. Bladder Cancer, State of the Art in 2005. Urology Symposium-Urology Grand Rounds. UCDHSC, Denver, CO. July 2005.
8. Continent Urinary Diversion. Urology Grand Rounds. UCDHSC, Denver, CO. July 2005.
9. Radical Cystectomy with Continent Urinary Diversion. Surgery Grand Rounds. UCDHSC, Denver CO. September 2006.
10. Prostate Cancer Rx-In Whom, Why and When. Internal Medicine Program, University of Colorado Denver, School of Medicine, Denver, CO July 2009.
11. Update on the Diagnosis and Treatment of Transitional Cell Carcinoma. Urology Grand Rounds, University of Colorado School of Medicine, Aurora, CO March 2011.
12. Sexually Transmitted Disease for the Urologist. Urology Grand Rounds, University of Colorado School of Medicine, Anschutz Medical Pavilion, Aurora, CO, September 2012.
13. Bladder Cancer Basics. Oncology Grand Rounds. University of Colorado School of Medicine, Anschutz Medical Pavilion, Aurora, CO, Sept 2012.
14. Hematuria, Bladder and Kidney Cancer for the Primary Care Provider – University of Colorado School of Medicine, General Internal Medicine Grand Rounds, Denver Hospice at Lowry, Denver, CO, June 2013.
15. Hematuria Evaluation for the Medical Student – University of Colorado, June 2013.
16. Update in the Diagnosis and Surgical Treatment of Bladder Cancer. University of Colorado, Oncology Grand Rounds, September 2013.
17. Hematuria Evaluation for the Medical Student – University of Colorado, June 2014.
18. Update in the Diagnosis and Surgical Treatment of Bladder Cancer. Oncology Grand Rounds. University of Colorado, September 2014.
19. Hematuria Evaluation for the Medical Student – University of Colorado, June 2015.
20. Update in the Diagnosis and Surgical Treatment of Bladder Cancer. Oncology Grand Rounds. University of Colorado, September 2015.
21. Testosterone Replacement for the Aging Surgeon, Grand Rounds. General Surgery 5/2016

22. Myers-Briggs Personality Type Indicator and Urologic Surgeons – Urology Grand Rounds, University of Colorado 1/2017.
23. Update in the Diagnosis and Treatment of Invasive Bladder Cancer- Surgery Grand Rounds, University of Colorado, 5/2017.

#### **Additional Presentations – Service to Community:**

1. Everything you Want to Know About Prostate Cancer but Are Afraid to Ask. American Family Practice Review. Denver, CO. October 2004.
2. Techniques and Outcomes in Pursuing a Career in Urology. Discussion and Counsel of 3<sup>rd</sup>-Year Medical Students. UCDHSC, Aurora, CO. February, 2005.
3. Prostate Cancer – New Strategies. Lutheran Medical Center. Colorado Support Group. Westminster, CO. March 2005.
4. New to the Academic Setting: What to Do. SWOG Young Investigators Meeting. Phoenix, AZ July 2005.
5. Prostate Cancer: Updates in Treatment. 9 News Interview. Denver, CO. April 2006.
6. Oncology Study Jam Q/A. Residents Study Jam for In-Service Exam. UCDHSC Denver, CO. February 2006.
7. Prostate Cancer. Prostate Cancer Support Group Meeting. Rocky Mountain Lions Eye Institute. Aurora, CO February 2006.
8. Techniques in Pursuing a Career in Urology. Discussion and Counsel of 3<sup>rd</sup>-Year Medical Students. Aurora, Colorado, February, 2006.
9. What is New in Prostate Cancer. Prostate Cancer Support Group, Lutheran Medical Center-Internal Medicine Clinic. Westminster, CO. September, 2006.
10. Prostate Cancer Awareness. **Wilson SS**. Good Housekeeping Magazine Interview/Article. Boulder, CO. September 2006.
11. Physical Exam 101. Weekly clinical sessions with Foundations in Doctoring 1<sup>st</sup> year Medical Student, UCDHSC, Aurora CO. beginning October 2007.
12. So You Want to Be a Doctor? **Wilson SS** and Froznack C. Lecture for “Pre-Med” Students at the University of Colorado Undergraduate Institution. CU, Boulder, CO. March 2008.
13. Cancer 2008. **Wilson SS** and Treece J. Lecture for Littleton “Relay for Life” Kick-off. Clement Park, Littleton, CO. March 2008.
14. What a High School Student Needs to Know about Cancer in 2008. Castle View High School, Castle Rock, CO. April 2008.
15. Bladder Cancer, Where Have We Been, Where are We Going? Museum of Nature and Science. First Annual Support Group Meeting. Denver, CO. July 2008.
16. Cystectomy: General Information and Nursing Secrets. **Wilson SS** and Asada P. UCDHSC, Aurora, CO. August 2008.
17. Prostate Cancer Screening. Lecture to Patients and Primary Care Providers for Prostate Cancer Awareness Week. UCDSHC, Aurora, CO September 2008.
18. Update on the Treatment and Prevention of Bladder Cancer, YVMC Conference, “Taking Care of Me Program.” YAMPA Valley Medical Center, May 15, 2013.
19. Cystectomy: General Information and Nursing Secrets. Society of Nursing, Downtown Denver, CO, September 2008.
20. So You Want to Be A Urologist? Helpful Hints, and a Day In the Life of... University of Colorado Medical Student Surgical Society, Aurora, CO October 2008.
21. Anatomy Presentation, Organs in Formaldehyde for Preschoolers Aspen Academy, Littleton, CO 2009.
22. Anatomy Presentation, Organs in Formaldehyde for Preschoolers, Aspen Academy, Littleton, CO., 2010.
23. “Any Given Day” – Urology Oncology lecture, tour, and presentation of the daVinci Surgical Robot for the YPO. University of Colorado School of Medicine, Anschutz Medical Pavilion, Aurora, CO., February 2011.

24. Reception for Dr. Liz Pomfret. First Female Chair in Surgery at the University of Colorado (Transplant). Reception at Our Home, Denver, Colorado, 10/2016.
25. Surgical Site Infection Moderation for Rapid Improvement Event – University of Colorado, Aurora, 12/2016.
26. Women in Surgery – Medical Student Reception; Introductory Session and Facilitation of Questions and Answers. My Home, Denver Colorado, 12/2017.

#### **Additional Invited Lectures - Regional, National, International Invited, for CME**

1. Downsizing and Prostate Cancer. Discussion of LHRH Antagonists in 2004. Westminster, Colorado, June 2004.
2. Everything you Want to Know About Prostate Cancer but Are Afraid to Ask. American Family Practice Review. Denver, CO. October 2004.
3. Bladder Cancer Surgery: Round Table Discussion. Northern Medical Center. Greeley, CO. April 2005.
4. BPH: What is New in 2005. Primary Care Group, Yuma, CO. June 2005.
5. BPH: New Treatment Options Boulder Family Medicine. Boulder, CO. September 2005.
6. Rising PSA. Family Medicine Practice. Albuquerque, NM. November 2005.
7. Radiation versus Surgery for Bladder Cancer. Surgical Approaches in Urology. Manchester, UK. March 2006
8. BPH Update for Primary Care Providers. Internal Medicine/Family Practice. Westminster, CO. March 2006.
9. Using the Lidocaine Pain Pump After Surgery to Improve Patient Comfort. Sterling, CO. June, 2006.
10. Update in Renal Cell Carcinoma. **Wilson SS** and Glode ML, Kidney Cancer Association. Denver, CO. September 2006.
11. BPH Update for Primary Care Physicians. Grand Junction, CO. September 2006.
12. Bladder Cancer; State of the Art in 2006. CME GU Conference for Primary Care Physicians and Practicing Urologist. UCDHSC. November 2006.
13. GU Oncology for Primary Care Physicians. Drabkin H, Kim F, Crawford ED and **Wilson SS**. UCDHSC, Denver, CO. March 2007.
14. BPH: Current Therapies and Advances in Surgery. Lecture for Primary Care Physicians UCDHSC, Garfield Clinics, Denver, CO. May 2008.
15. Update in the Treatment of Testicular Cancer. Lecture to the Colorado Spring Regional Cancer Conference, Greeley, CO April 2009.
16. Diagnosis and Management of Prostate Disorders. 56<sup>th</sup> Family Medicine Review, Estes Park, CO June 2009.
17. Prostate Cancer Prevention and Screening. Colorado Cancer Day, University of Colorado Denver, Anschutz Medical Pavilion, Aurora, CO September 2009.
18. 56<sup>th</sup> Fall Family Medicine Review, University of Colorado Denver School of Medicine, Anschutz Medical Pavilion, Aurora, CO November 2009.
19. Prostate Cancer: Current Screening Recommendations and Treatment. 58<sup>th</sup> Family Medicine Conference, Estes Park, CO, June 19-25, 2011.
20. Case Studies in Benign Prostate Disorders and Erectile Dysfunction. 58<sup>th</sup> Family Medicine Conference, Estes Park, CO, June 19-25, 2011.
21. Unraveling Hematuria for the PCP. 47<sup>th</sup> Annual Internal Medicine Program, Estes Park, CO, July 17-22, 2011.
22. Hematuria, Infertility, STDs, and Urologic Malignancy; 4 Hours of Lecture. Orlando, FL, March 23-25, 2012.
23. Hematuria, Infertility, STDs, and Urologic Malignancy. Men's Health Series; 4 Hours of Lecture. Jackson Hole, WY, July 3-6, 2012.

24. Introduction to Bladder Cancer. Colorado Cancer Day, A Symposium for Primary Care Physicians. Aurora, CO, November 2012.
25. Male Malignancies (testes, prostate), Benign Male Conditions. Issues in Women's and Men's Health; 4 Hours of Lecture. Crowne Plaza - New York, New York. Dec 2012.
26. Benign Prostatic Conditions – Updates in Women's and Men's Health; 4 Hours of Lecture. Orlando, FL, March 2013.
27. What is New in the Diagnosis and Treatment of Bladder Cancer, YVMC Conference, YAMPA Valley Medical Center, May 14, 2013.
28. Benign Prostatic Conditions, Prostate Cancer Screening, Testosterone Replacement and STD's. Updates in Women's and Men's Health; 4 Hours If Lecture. Nassau, Bahamas, February 2014.
29. Androgen Replacement Therapy, Benign Prostatic Conditions, Prostate Cancer Screening (or Not), STD's – Updates in Women's and Men's Health – Maui Hawaii, August 2014.
30. Controversies in the Diagnosis and Treatment of Late Onset Hypogonadism and Prostate Cancer – Invited Lecture, St. Mary's Hospital, Grand Junction. August, 2015.
31. Hematuria, BPH, and Other Things You Wanted to Ask a Urologist About– Rose Hospital Internal Medicine Resident Grand Rounds. Denver Colorado, Rose Hospital, 10/2016.
32. BPH, Hematuria, STD's, Prostate Cancer Updates – Updates in Men's and Women's Health; 4 Hours of Lecture, Los Angeles California, 6/2016
33. Bladder cancer, Wellness and Colorado – Albert Institute for the Advancement of Bladder Cancer Research and Outcomes. Denver, Colorado; September, 2016.
34. Male malignancies, Benign Urologic Conditions, Androgen replacement, STD Updates– Updates in Men's and Women's Health; Charleston, South Carolina 9/2016
35. Male Malignancies, Benign Urologic Conditions, Androgen Replacement, STD Updates– Updates in Men's and Women's Health; Las Vegas, Nevada 6/2017

#### **Fellows Mentored:**

2008                      Abdallah Ali, M.D.–Research Fellowship 2008. Division of Urology/Hope Foundation. Signal transduction in bladder cancer.

#### **Summer Students Mentored:**

2012-13                      Isaiah Koolstra–Summer Rural Scholarship Program 2012, 2013. Isaiah went on to become a Boettcher Scholar at the University of Colorado.

2014                              Zuhair Barqawi–Summer Research Cancer Fellowship 2014. Long-term Kidney Function Follow Up In Patients Undergoing Cystectomy for Invasive Bladder Cancer Abstract.

2015                              Zuhair Barqawi–Summer Research Cancer Fellowship 2015. Worsened Cancer Survival as Compared to Controls in Patients with Invasive Bladder Cancer Following Pelvic Radiation

2016                              Zuhair Barqawi–Summer Research Cancer Fellowship 2016. Data entry for cystectomy and superficial bladder cancer patients; Improvement in patient-friendly website

#### **Medical Students Mentored:**

Dr. Dan Swanson, graduated 2008, Montana  
Focus on bladder cancer possibly induced by radioactive iodine

Dr. Dan Arnett, graduated 2009, Boston  
Focus on the effect of partial cystectomy prior to cystectomy

Dr. Carolyn Froznack, graduated 2010, Nebraska  
Focus on the effect of smoking over time on bladder cancer

Dr. Roxanne Martinez, graduated 2014, San Francisco  
Focus on education with patient satisfaction with cystectomy

Dr. Kevin Krughoff, Graduation expected 2016, Dartmouth  
Focus on radiation induced bladder cancer behavior

Dr. Madeline Korner, Graduation 5/2017, LSU  
Focus on creation of cystectomy handbook for patients

Sarah Ha, Graduation expected 2018  
Focus on outcomes of patients with locally advanced bladder cancer

Alexandra Colvin, Graduation expected 2018  
Focus on HPV of the bladder

Haily Zlomke, Graduation expected 2018  
Focus on kidney cancer advancement

Tamara Lhungay, MPH, Graduation expected 2019  
Focus on surgical outcomes with improved systems in the OR

Madeline Lyons, Graduation expected 2019  
Focus on patient outcomes and distance from a major city

Sarah Hershman, Graduation expected 2020  
Focus on data entry

Maheen Javaid, Graduation expected 2020  
Focus on positive margins and cystectomy

Lillian Svete, Graduation expected 2020, MD, PhD  
Focus on second look resection and cost/benefit ratio

**Grant Support:**

**NIH:**

1. NIH/NIDDK: “Minimally Invasive Surgical Therapies (MIST) for Benign Prostatic Hyperplasia,” 2003. (\$5,000)
2. NIH/NIDDK: “Intraprostatic Injection of Botulinum Toxin for the Management of Benign Prostatic Hyperplasia: A Randomized Phase II Trial (MIST2),” 2007-2009; U01DK60791: (\$1,363,127 direct Dr. E. David Crawford, **SS Wilson** Co-PI – approx. \$50,000/yr)
3. NIH/NIDDK: Complementary and Alternative Medicine for Urological Symptoms (CAMUS), 5 U01DK063883: (\$ 2,385,000 direct Dr. E. David Crawford **SS Wilson** Co-PI – approx. \$50,000/yr) 2009-2012.

## **Other Funding**

1. American Foundation for Urologic Disease: “The effect of splicing POX virus with PSA and injecting into bovine prostates containing cancer,” 1995. (\$5,000)
2. Department of Surgery: “Evaluation of the Role of MAPK Signal Transduction Pathways in Transitional Cell Carcinoma,” 2006. (\$35,000)
3. University of Colorado Cancer Center: “Genitourinary Biorepository,” 2007-present. (\$20,000)
4. Department of Surgery: “Further Evaluation of the Role of MAPK Signal Transduction Pathways in Transitional Cell Carcinoma,” 2008 (\$35,000)
5. Hope Foundation: 1-year Grant for Fellowship in Urologic Oncology (SWOG) 2008-2009. (\$50,000)
6. Department of Surgery - Academic Enrichment Fund (AEF): “Valproic acid: A potential candidate for the treatment of invasive bladder cancer, 2009. (\$47,000)
7. Department of Surgery – Academic Enrichment Fund (AEF): “Phase II: Valproic acid and mitomycin synergy in the treatment of high-risk bladder cancer, 2010 (\$25,000)
8. Physion Devices based out of Italy have sponsored a study to evaluate eMMC with BCG for 50 patients with high-risk bladder cancer (\$100,000)
9. \$465,000 graciously donated by patients for Urologic Oncology research for quality in surgical safety. This will ultimately create an endowed chair for bladder and other Urologic Oncology research. Fund raising 2011-present
10. Academic Urologic Surgeons: Grant to move forward automating case logs for Urologic Residents, 2017 (\$20,000)

## **Research – Primary Investigator Studies:**

Enkephalin isolation in primordial fish. Honors Thesis, University of Denver. **Sheppard SA** (maiden name) and Dores R, PhD. 1991 – 1993.

Chemotherapeutic effects on CNS tumor migration. Summer Fellowship. Washington University. **Sheppard SA** (maiden name) and Silbergeld D. 1994.

The effect of splicing POX virus and injecting into bovine prostates containing cancer. **Sheppard SA** (maiden name) and Ratliff T. AFUD Summer Scholar 1995.

## **Research – Primary Investigator Studies, University of Colorado:**

Current RNA of Biofilms in Prostatitis and Prostate Cancer. Collaboration with University of Colorado at Boulder and Medical Center. **Wilson SS** and Pace N. 2005-2006.

Investigator Initiated: A Phase II open label study to evaluate the safety and efficacy of collagen matrix sheaths to autonomic neurovascular bundles following cystectomy or prostatectomy to improve sexual potency. Investigator initiated solitary institutional study 2008.

A phase II open label study to evaluate the safety and efficiency of oral Lenalidomide with intravesical BCG in patients with high-risk superficial bladder cancer who have progressed despite one cycle of BCG therapy. Southwest Oncology Group Executive Committee 8/2008. Tabled.

07-0001 S0353 Phase II Study of intravesical gemcitabine in patients with superficial bladder cancer who have progressed despite intravesical BCG. Southwestern Oncology Group Study. Conclusion showed inferiority of gemcitabine as compared to BCG.

07-0682 S0337 A Phase III blinded study of immediate post-TURBT instillation of Gemcitabine vs. saline in patients with newly diagnosed or occasionally recurring Grade I/II superficial bladder cancer. Conclusion showed inferiority of gemcitabine as compared to mitomycin controls and increase cost.

Circulating Tumor Cells: The effect of treatment on circulating tumor cells in bladder cancer patients with muscle-invasive or advanced disease; Urology/ Oncology Collaboration; Investigator initiated solitary institutional study. Conclusions showed that any amount of circulating tumor cells in the setting of bladder cancer strongly predict death from disease.

07-0681 PR11 A Phase III study of active surveillance therapy against radical treatment in patients diagnosed with favorable risk prostate cancer (START). Eastern Cooperative Group and Southwestern Oncology Group Study. Closed to accrual, data collection and evaluation continuing.

Evaluation of CCP score and bladder cancer outcomes. Retrospective evaluation of 225 patient undergoing radical cystectomy at the University of Colorado. Myriad Genetics. 2011-2013. Study did not show significance.

Alvimopan use and the recovery of bowel motility in patients undergoing radical cystectomy. Industry sponsored. Accrued and closed. Conclusions find that Alvimopan decreases hospital stays by around 20 hours after cystectomy.

S0931 (EVERST Trial): Phase II study evaluating the efficacy of Everolimus given adjuvantly for high-risk kidney cancer patients following surgical resection. Open.

S1011: SWOG Randomized Study evaluating the efficacy of super-extended verses extended lymph node dissection for patients with invasive bladder cancer undergoing cystectomy. Study for only selected surgeons who met criterion with photos of surgery. Closed for analysis.

GU Biorepository: Foundational piece of urologic oncology research wherein all genitourinary surgical specimens are stored for mRNA, DNA, and other genetic analysis in the future. Urology/Oncology Collaboration; University of Colorado Denver Study. Open.

Investigator Initiated: Electromotive Mitomycin C Plus BCG verses BCG alone in patients with high-risk non-muscle invasive bladder cancer and immunological correlates. Investigator initiated study. Study enrolling patients. Open at CU and with Dr. Lamm in Arizona

## **PUBLICATIONS**

### **Text Book Chapters:**

1. **Wilson SS** and Crawford ED. Screening for Prostate Cancer: Current Recommendations. Urol Clin N Am 31: 219-226; 2004
2. **Wilson SS** and Crawford ED. Downsizing Prostate Cancer. Rev Urol. 2004; 6 Suppl 7:S19-24.
3. **Wilson SS** and Crawford ED. Genitourinary Malignancies. Giaccone, Schilsky and Sondel (eds). Cancer Chemotherapy and Biological Response Modifiers. Volume 1; 2004.
  - i. <http://www.sciencedirect.com/science/article/pii/S1872115X06000570>
4. **Wilson SS**, Crawford ED and Glode LM. Prostate Carcinoma. RW Schrier and CW Gottschalk (eds). Diseases of Kidney and Urinary Tract, Eighth Edition. Lippincott Williams and W Silkins; 2006.
5. **Wilson SS.** Genitourinary Malignancies. Update on Cancer Therapeutics. Elsevier; Aug 2006.
6. **Wilson SS** and Crawford ED. Endocrine Manipulation and Prostate Cancer. VH Nargund, D Raghavan, and HM Sandler (eds). Handbook of Urological Oncology; Springer (UK) 2007.

- i. [https://link.springer.com/chapter/10.1007/978-1-84628-738-1\\_30](https://link.springer.com/chapter/10.1007/978-1-84628-738-1_30)
7. **Wilson SS** and Meacham RB. Genitourinary Physiology. Core Curriculum for the American Urologic Association. 2008
8. **Wilson SS** and Glode, LM. Appropriate use of Androgen Deprivation Therapy in the Treatment of Prostate Cancer in the Modern Era. AUA Update Series, 2011.
9. Repoli E and Saunders M. Prostate Cancer is Not a Death Sentence. **Wilson SS**, contributing. October 2016.

#### Book:

1. Ha S, Koerner M, Lyons M, and **Wilson SS**. Urine Good Hands. Patient resource book for patients undergoing bladder cancer surgery. July 2017. [https://www.amazon.com/Urine-Good-Hands-Patient-Handbook/dp/1973917491/ref=sr\\_1\\_1?s=books&ie=UTF8&qid=1502994393&sr=1-1&keywords=urine+good+hands](https://www.amazon.com/Urine-Good-Hands-Patient-Handbook/dp/1973917491/ref=sr_1_1?s=books&ie=UTF8&qid=1502994393&sr=1-1&keywords=urine+good+hands)

#### Editorials:

1. Martinez, R, **Wilson SS**. Screening for prostate cancer in the elderly. *Aging Health* (2013) 9(4), 1-2. ISSN 1745-509X.
2. **Wilson SS** and Crawford ED. Fewer Recurrences with Immediate versus Delayed Intravesical Mitomycin C - A Prospective Randomized European Trial. *Eur Urol* (2017). *In Press*.

#### Scientific Articles:

1. Jeffe DB and Sheppard SA (maiden name). Encouraging women to pursue surgery residencies. *Academic Medicine* 1997; 72(9): 735. [https://primo.hsl.ucdenver.edu/primo-explore/openurl?sid=OVID:medline&id=pmid:9311310&id=doi:&issn=1040-2446&isbn=&volume=72&issue=9&spage=735&pages=735&date=1997&title=Academic+Medicine&atitle=Encouraging+women+to+pursue+surgery+residencies.&aulast=Jeffe&vid=01UCOHS&institution=01UCOHS&url\\_ctx\\_val=&url\\_ctx\\_fmt=null&isServicesPage=true](https://primo.hsl.ucdenver.edu/primo-explore/openurl?sid=OVID:medline&id=pmid:9311310&id=doi:&issn=1040-2446&isbn=&volume=72&issue=9&spage=735&pages=735&date=1997&title=Academic+Medicine&atitle=Encouraging+women+to+pursue+surgery+residencies.&aulast=Jeffe&vid=01UCOHS&institution=01UCOHS&url_ctx_val=&url_ctx_fmt=null&isServicesPage=true)
2. Fowler JE Jr., Bigler SA, Farabaugh PB, **Wilson SS**. Cancer detection in black and white men with abnormal digital rectal examination and PSA <4.0ng/ml. *Journal of Urology*. 2000; 154(6):1961-1963. <http://www.sciencedirect.com/science/article/pii/S0022534705669285>
3. Fowler JE Jr., Bigler SA, **Wilson SS** and Farabaugh PB. Prospective study of correlations between biopsy-detected high grade Prostatic intraepithelial neoplasia, serum prostate specific antigen concentration and race. *Cancer* 2001; 91 (7): 1291-1296. [http://onlinelibrary.wiley.com/doi/10.1002/1097-0142\(20010401\)91:7%3C1291::AID-CNCR1131%3E3.0.CO;2-J/full](http://onlinelibrary.wiley.com/doi/10.1002/1097-0142(20010401)91:7%3C1291::AID-CNCR1131%3E3.0.CO;2-J/full)
4. **Wilson SS**, Clark PE and Stein JP. Angiomyolipoma with vena cava extension. *Urology* 2002. 60 (4): 695-696. [http://s3.amazonaws.com/academia.edu.documents/46230211/s0090-4295\\_2802\\_2901897-620160604-2102-914rlw.pdf?AWSAccessKeyId=AKIAIWOWYYGZ2Y53UL3A&Expires=1497751562&Signature=5vzAkOhRMylxY2hKfZw5ezLUUSg%3D&response-content-disposition=inline%3B%20filename%3DAngiomyolipoma\\_with\\_vena\\_caval\\_extension.pdf](http://s3.amazonaws.com/academia.edu.documents/46230211/s0090-4295_2802_2901897-620160604-2102-914rlw.pdf?AWSAccessKeyId=AKIAIWOWYYGZ2Y53UL3A&Expires=1497751562&Signature=5vzAkOhRMylxY2hKfZw5ezLUUSg%3D&response-content-disposition=inline%3B%20filename%3DAngiomyolipoma_with_vena_caval_extension.pdf)
5. **Wilson SS** and Crawford ED. Using bisphosphonates to treat PCa-related bone events. *Urology Times* 2003; 31 (9): 44-45.
6. **Wilson SS** and Crawford ED. Prostate Cancer Update. *Minerva Urologica e Nefrologica*. 2003. 55(4): 199-204. <http://europepmc.org/abstract/med/14765013>
7. **Wilson SS** and Crawford ED. Screening for prostate cancer: current recommendations. *Urologic Clinics of North America* 2004. May; 31 (2) 219-226. <https://www.ncbi.nlm.nih.gov/pubmed/15123402>



8. Daneshmand S, Chandrasoma S and **Wilson SS**. Primary Renal Carcinoid Tumor. *The Scientific World Journal*. 2004. June; 4: 378-380. <https://www.hindawi.com/journals/tswj/2004/620296/abs/>
9. Chandrasoma S, Daneshmand S, **Wilson SS**, and Skinner E. Renal angiomyolipoma with liposarcomatous transformation. *Uro Onc* 2004; 22(5):425-7. <http://www.sciencedirect.com/science/article/pii/S1078143903002606>
10. Quek ML, Ginsberg DA, **Wilson SS**, Skinner EC, Stein JP, Skinner DG. Pubovaginal slings for stress urinary incontinence following radical cystectomy and orthotopic neobladder reconstruction in women. *Journal of Urology*. 2004; Jul, 172 (1) 219-221. <http://www.sciencedirect.com/science/article/pii/S0022534705618563>
11. **Wilson SS**. Downsizing and prostate cancer. *Reviews in Urology* 2004; 6 Suppl7:S19-24. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1472890/>
12. **Wilson SS**, Quek ML, Ginsberg DA. Transurethral injection of bulking agents for stress urinary incontinence following orthotopic neobladder reconstruction in women. *Journal of Urology*. 2004; Jul; 172 (1): 244-246. <http://www.sciencedirect.com/science/article/pii/S0022534705618629>
13. **Wilson SS** and Crawford ED. Screening for Prostate Cancer. *Clinical Prostate Cancer*. 2004, 3(1): 21-25. <http://www.sciencedirect.com/science/article/pii/S1540035211700567>
14. Crawford ED, **Wilson SS**, Torkko K, Hirano D, Stewart JS, Brammell C, Wilson SR, Kawata N, Sullivan H, Lucia MS. Clinical Staging of Prostate Cancer: A Computer-simulated Study of Transperineal Prostate Biopsy. *BJU International* 2005; June; 96: 999-1004. <http://onlinelibrary.wiley.com/doi/10.1111/j.1464-410X.2005.05801.x/full>
15. **Wilson SS**. Prostate Cancer Screening. *Comprehensive Therapy*; Summer 2005. 31(2):119-23. <https://link.springer.com/article/10.1007/s12019-005-0007-9>
16. **Wilson SS**, Crawford ED. Controversies of androgen ablation therapy for metastatic prostate cancer. *Curr Pharm Des*. 2006, 12(7):799-805 Review. <http://www.ingentaconnect.com/content/ben/cpd/2006/00000012/00000007/art00004>
17. **Wilson SS**, Wu N, Stein JP. Managing Bilateral Xanthogranulomatous Pyelonephritis. *Issues in Urology*; March 2006; 18(2): 56-58.
18. Crawford ED, **Wilson SS**, McConnell JD, Slawin KM, Lieber MC, Smith JA, Meehan AG, Bautista OM, Noble WR, Kusek JW et al. Baseline Factors as Predictors of Clinical Progression of Benign Prostatic Hyperplasia in Men Treated with Placebo. *The Journal of Urology* 2006; 175(4):1422-1427. <http://www.sciencedirect.com/science/article/pii/S0022534705007081>
19. Farivar-Mohseni H, Perlmutter AE, **Wilson SS**, Shingleton WB, Bigler SA, Fowler, Jr JE. Renal Cell Carcinoma and End Stage Renal Disease. *The Journal of Urology* 2006; Vol 175, Issue 6, Pages 2018-2021. <http://www.sciencedirect.com/science/article/pii/S0022534706003405>
20. Werahera PN, Van Bokhoven A, La Rosa F and **Wilson SS**. Association of stromal, epithelial, smooth muscle and luminal compositions to nodule size and symptom severity of benign prostatic hyperplasia. *J Urol* 2006; 175(4): 465. [https://scholar.google.com/scholar?hl=en&as\\_sdt=0,6&cluster=10462882670154621013](https://scholar.google.com/scholar?hl=en&as_sdt=0,6&cluster=10462882670154621013)
21. Mandler T, Myers J, Carlsen S, **Wilson SS**. Differentiating Renal Xanthogranulomatous Pyelonephritis and Squamous Cell Carcinoma: Can It Be Done Preoperatively? *Issues in Urology* 2007; 19 (1):31-33.
22. La Rosa FG, Flaig Thomas, Wilson SS, Crawford ED, Kim FJ. Sarcoidosis in a man with renal carcinoid tumor. *Oncology (Williston Park, N.Y.)* 12/2007; 21(13):1593-6. <http://europepmc.org/abstract/med/18179048>
23. Al B Barqawi, James Lugg, Wilson SS, Fernando Kim, E David Crawford. The role of three dimensional systematic mapping biopsy of the prostate in men presenting with apparent low risk disease based on extended transrectal biopsy *Journal of Urology - J UROL* 01/2008; 179(4):155-156. DOI: 10.1016/S0022-5347(08)60447-4.

<https://www.clinicalkey.com/#!/content/playContent/1-s2.0-S0022534708604474?returnurl=null&referrer=null>

24. **Wilson, SS**. Screening for Prostate Cancer in the Elderly. *Aging Health* 2008; 4(5):463-467. <http://www.futuremedicine.com/doi/abs/10.2217/1745509X.4.5.463>
25. Sinclair J, Kumar B, Koul S, Khandrika L, **Wilson, SS**, Koul HK. MAP Kinase Signaling Pathways differentially affect cell growth and proliferation of Invasive bladder cancer cell. *J Urol*. 01/2009; 181 (4):344-344. <https://www.clinicalkey.com/#!/content/playContent/1-s2.0-S0022534709609800?returnurl=null&referrer=null>
26. Sarraf M, Masoumi A, Castro-Silva FJ, Myers JB, **Wilson SS**, Schrier RW. A case of tuberous sclerosis complex that progressed to end-stage renal disease. *Nature Clinical Practice Nephrology* 02/2009; 5(3):172-6. Epub 2009 Jan 27. <http://www.nature.com/nrneph/journal/v5/n3/full/ncpneph1033.html>
27. Flaig Thomas, LaRosa FG, McKinney K, Maroni P, **Wilson SS**. A Man With Changes in the Urinary Bladder: Benign Metaplasia or Adenocarcinoma? Second Opinion, *Oncology*, February 2009. [Diagnostic Imaging - A Man With Changes in the-Urinary-Bladder Benign Metaplasia or Adenocarcinoma 2013-10-08-2.pdf](#)
28. Byun SS, Kim FJ, Khandrika L, Kumar B, Koul S, **Wilson SS**, Koul HK. Differential effects of valproic acid on growth, proliferation and metastasis in HTB5 and HTB9 bladder cancer cell lines. *Cancer Lett*. 2009 Aug 28; 281(2):196-202. Epub 2009 Mar 25. <http://www.sciencedirect.com/science/article/pii/S0304383509001426>
29. Kumar, B, Sinclair J, Khandrika, L, Koul, S., **Wilson, SS**, Koul, HK. Differential effects of MAPKs signaling on the growth of invasive bladder cancer cells. *International Journal of Oncology*, 2009 34(6):1557-64. [Ijo 34 6 1557 PDF.pdf](#)
30. **Wilson, SS**. Update on the management of prostate cancer with goserelin acetate: patient perspectives. *Cancer Management and Research*, August 2009; 1 99-105. Dove Medical Press. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3004656/>
31. De la Garza, J, **Wilson, SS**, Gehbakht, K. Total pelvic exenteration with a split-thickness skin graft neovagina, continent orthotopic neobladder and rectal reanastomosis, resulting in no external ostomies and adequate sexual function *Gynecol Oncol*. 2009 Nov; 115(2):312-3. [https://scholar.google.com/scholar?hl=en&as\\_sdt=0,6&cluster=14814873739763486463](https://scholar.google.com/scholar?hl=en&as_sdt=0,6&cluster=14814873739763486463)
32. Frank DN, **Wilson SS**, St Amand AL, Pace NR. Culture-independent microbiological analysis of foley urinary catheter biofilms. *PLoS ONE*. 2009 Nov 12; 4(11). <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0007811>
33. **Wilson, SS**, Siomos, V., Flaig, TW., Barqawi, Al B., Mitchell, J.D., La Rosa, F. Kondo, K. Recurrent Urothelial Carcinoma With Pulmonary Metastasis. *Oncology (Williston Park)*. 2009 Dec; 23 (14):1301-4. [https://www.researchgate.net/profile/Francisco\\_La\\_Rosa/publication/41396289\\_Recurrent\\_urothelial\\_carcinoma\\_with\\_pulmonary\\_metastasis/links/54c15fe50cf25b4b80721c15.pdf](https://www.researchgate.net/profile/Francisco_La_Rosa/publication/41396289_Recurrent_urothelial_carcinoma_with_pulmonary_metastasis/links/54c15fe50cf25b4b80721c15.pdf)
34. Deb, Abdalla, **Wilson SS**, Koul, Sweaty, Kumar, Binod, Meacham RB, Koul H.K. Valproic Acid (VPA) Sensitizes Bladder Cancer cells to Mitomycin C (MMC): Synergistic Effects of VPA and MMC on inhibition of Cell Growth and Induction of Apoptosis in Human Bladder Cancer Cells. *J Urol*. 01/2010; 183(4). [http://www.jurology.com/article/S0022-5347\(10\)02170-1/fulltext](http://www.jurology.com/article/S0022-5347(10)02170-1/fulltext)
35. Kumar B., Koul S., Petersen J., Khandrika L., Hwa, JS, Meacham RB, **Wilson, SS**, Koul H.K. P38 mitogen-activated protein kinase-driven MAPKAPK2 regulates invasion of bladder cancer by modulation of MMP-2 and MMP-9 activity. *Cancer Research*. 2010 Jan 15; 70(2):832-41. <http://cancerres.aacrjournals.org/content/70/2/832.short>
36. Flaig TW, Glode M, Gustafson D, van Bokhoven A, Tao Y, **Wilson SS**, Su LJ, LiY, Harrison G., Agarwal R, Crawford ED, Lucia MS, Pollak M. A Study of high-dose oral silybin-phytosome

- followed by prostatectomy in patients with localized prostate cancer. *Prostate*. 2010 Feb 1. <http://onlinelibrary.wiley.com/doi/10.1002/pros.21118/full>
37. **Wilson SS**, Theodorescu D. Rare Bladder Tumors: Caveat emptor. *Oncology (Williston Park)*. 2010 Aug; 24(9):838. <http://go.galegroup.com/ps/anonymous?id=GALE%7CA263880471&sid=googleScholar&v=2.1&it=r&linkaccess=fulltext&issn=08909091&p=AONE&sw=w&authCount=1&isAnonymousEntry=true>
  38. Flaig TW, **Wilson SS**, van Bokhoven A, Varella-Garcia M, Wolfe P, Maroni P, Genova EE, Morales D, Lucia MS. Detection of circulating tumor cells in metastatic and clinically localized urothelial carcinoma. *Urology*. 2011 Oct; 78(4):863-7. Epub 2011 Aug 2. <http://www.sciencedirect.com/science/article/pii/S0090429511005954>
  39. Lam ET, La Rosa FG, Suby-Long TD, Kondo KL, **Wilson SS**, Glodé LM, Flaig TW. A rare case of metastatic renal epithelioid angiomyolipoma. *Oncology (Williston Park)*. 2011 Aug; 25(9):832-8. <http://www.oncotherapynetwork.com/kidney-cancer/rare-case-metastatic-renalepithelioid-angiomyolipoma/page/0/2>
  40. Deb AA, **Wilson SS**, Rove KO, Kumar B, Koul S, Lim DD, Meacham RB, Koul HK. Potentiation of mitomycin C tumoricidal activity for transitional cell carcinoma by histone deacetylase inhibitors in vitro. *J Urol*. 2011 Dec; 186(6):2426-33. Epub 2011 Oct 21. <http://www.sciencedirect.com/science/article/pii/S002253471104537X>
  41. Myklak K, **Wilson SS**. An update on the changing indications for androgen deprivation therapy for prostate cancer. *Prostate Cancer*. 2011; 2011:419174. Epub 2011 Feb 7. <https://www.hindawi.com/journals/pc/2011/419174/abs/>
  42. Bhide, Manisha, Bolshoun, Patricia, **Wilson SS**, Iczkowski, Kenneth A. Renal Angiomyolipoma Presenting as Fever of Unknown Origin. *Open Journal of Urology*, July 8, 2012, (2)144-146. Epub Aug 2012. <http://www.scirp.org/journal/PaperInformation.aspx?paperID=21978>
  43. Hohensee, Samantha E., La Rosa FG, Homer, Petra, Suby-Long, TD, **Wilson SS**, Lucia MS, Iczkowski, Kenneth A. Renal Epithelioid Angiomyolipoma with Negative Premelanosome Marker Immunoprofile: A Case Report and Review of the Literature. *J Med Case Rep*. 2013 Apr 29; 7(1):118. doi: 10.1186/1752-1947-7-118 <https://jmedicalcasereports.biomedcentral.com/articles/10.1186/1752-1947-7-118>
  44. Skinner, Ella C., Goldman, Bryan, Sakr, Wael A., Petrylak, Daniel P., Lenz, Heinz-Josef, Lee, Cheryl T., **Wilson SS**, Lerner, Seth P., Tangen, Cathy M. Thompson, Ian M. SWOG S0353: Phase II Trial of Intravesical Gemcitabine in patients with non-Muscle Invasive Bladder Cancer who Recurred Following at Least Two Prior courses of Intravesical BCG. *Journal of Urology*. 190(4): 1200-4, 2013 Oct. Epub April 15, 2013. <http://www.sciencedirect.com/science/article/pii/S0022534713040779>
  45. Martinez, R and **Wilson SS**. Screening for prostate cancer in the elderly. *Aging Health* Aug 2013; 9(4):359–360. <https://insights.ovid.com/aging-health/agih/2013/08/000/screening-prostate-cancer-elderly/3/01257647>
  46. Kauf TL, Svatek RS, Amiel G, Beard TL, Chang SS, Fergany A, Karnes RJ, Koch M, O'Hara J, Lee CT, Sexton WJ, Slaton JW, Steinberg GD, **Wilson SS**, Techner L, Martin C, Moreno J, Kamat AM. Alvimopan, A Peripherally Acting  $\mu$ -Opioid Receptor Antagonist, Is Associated with Reduced Costs after Radical Cystectomy: Economic Analysis of a Phase 4 Randomized, Controlled Trial *J Urol*. 2013 Dec 14. pii: S0022-5347 (13) 06109-0. doi: 10.1016/j.juro.2013.12.015. <http://www.sciencedirect.com/science/article/pii/S0022534713061090>
  47. Lee CT, Chang SS, Kamat AM, Amiel G, Beard TL, Fergany A, Karnes RJ, Kurz A, Menon V, Sexton WJ, Slaton JW, Svatek RS, **Wilson SS**, Techner L, Bihrlé R, Steinberg GD, Koch M. Alvimopan Accelerates Gastrointestinal Recovery After Radical 4 Cystectomy: A Multicenter Randomized Placebo-Controlled Trial. *Eur Urol*. 2014. 02.036

<http://dx.doi.org/10.1016/j.eururo.2014.12.013>. JUrol 2013 Dec 13.

<http://www.sciencedirect.com/science/article/pii/S0302283814001651>

48. Knez, Virginia M., Barrow, Willis, Lucia, Scott M., **Wilson, SS** and La Rosa, Francisco G. Clear cell urothelial carcinoma of the urinary bladder: a case report and review of the literature. *Journal of Medical Case Reports* 2014, 8:275. doi:10.1186/1752-1947-8-275.  
<https://jmedicalcasereports.biomedcentral.com/articles/10.1186/1752-1947-8-275>
49. Reddy, Krishna, Strom, Tobin, Plimpton, Reed, Kavanagh, Brian, D., Petersen, Jane, **Wilson, SS**, Maroni, Paul, Raben, David. Efficacy of pelvic intensity-modulated radiotherapy with hypofractionated simultaneous integrated boost to the prostate for intermediate- and high-risk prostate cancer. *Journal of Radiation Oncology*, Aug.2014; 3:401–407.  
<https://link.springer.com/article/10.1007/s13566-014-0163-6>
50. Kessler ER; Amini A; **Wilson SS**; Raben D; La Rosa FG; Crawford ED. Lymphoepithelioma-Like Carcinoma of the Urinary Bladder. *Oncology* 2014; 29(6):462, C3, 2015.  
[https://www.researchgate.net/profile/Francisco\\_La\\_Rosa/publication/278789049\\_Lymphoepithelioma-Like\\_Carcinoma\\_of\\_the\\_Urinary\\_Bladder/links/558993e708ae2affe71518f7.pdf](https://www.researchgate.net/profile/Francisco_La_Rosa/publication/278789049_Lymphoepithelioma-Like_Carcinoma_of_the_Urinary_Bladder/links/558993e708ae2affe71518f7.pdf)
51. Zhang L, Ho A, **Wilson SS**, Ho B, and LaRosa F. A unique presentation of a stage III, poorly differentiated urothelial carcinoma of the urinary bladder in a 13-year-old boy. *Am J Clin Pathol* (10/2015) 144 (suppl\_2): A345.  
[https://academic.oup.com/ajcp/article/144/suppl\\_2/A345/1776050/A-Unique-Presentation-of-a-Stage-III-Poorly](https://academic.oup.com/ajcp/article/144/suppl_2/A345/1776050/A-Unique-Presentation-of-a-Stage-III-Poorly)
52. Ha, SC, Zlomke, HA, Cost, N and **Wilson SS**. The past, Present, and Future Management of Small Renal Masses. *J Oncology* 2015; doi:10.1155/2015/364807.  
<http://www.hindawi.com/journals/jo/2015/364807/>
53. Krughoff, K, Lungay, TP, Barqawi, Z, O'Donnell, C, Kamat, A, and **Wilson SS**. The prognostic value of previous irradiation of survival of bladder cancer patients. *Bladder Cancer* 2015 1(2):171-9. DOI 10.3233/BLC-150030. <http://content.iospress.com/articles/bladder-cancer/blc0030>
54. Krughoff K, Ha S, Crawford ED and **Wilson SS**. Evaluation of the Use of Remodelable Pericardial Bolsters During Cystectomy and Diversion to Prevent Enterocutaneous Fistula. *Urology Practice*. April, 2016. DOI: 10.1016/j.urpr.2017.03.011.  
<http://www.sciencedirect.com/science/article/pii/S2352077917300857>
55. Pineda RH, Nedumaran B, Hypolite JA, Pan XQ, **Wilson SS**, Meacham RB, Malykhina AP. Altered expression and modulation of the two-pore domain (K<sub>2P</sub>) mechano-gated potassium channel TREK-1 in overactive human detrusor. *Am J Physiol Renal Physiol*. 2017 May24;ajprenal.00638.2016.  
<http://ajprenal.physiology.org/content/early/2017/05/18/ajprenal.00638.2016>
56. Lungay TP, Colvin A, Warncke J, Somerset H, **Wilson SS**, LaRosa FG. Seventy-Year-Old Man with Large Bladder Mass; Diagnostic and Clinical Challenges of an Uncommon Neoplasm. *Oncology*, March 2015. 31(3):210-2, 218-20. <https://www.ncbi.nlm.nih.gov/pubmed/28299758>
57. Lungay TP, Colvin A, Warncke J, Somerset H, **Wilson SS**. Malignant Solitary Fibrous Tumor of the Urinary Bladder: Clinical and Pathological Challenges of a Rare Tumor. *J Clin Case Studies*, 2017; 2(1): doi <http://dx.doi.org/10.16966/2471-4925.137>.  
<https://www.sciforschenonline.org/journals/clinical-case-studies/article-data/JCCS-2-137/JCCS-2-137.pdf>
58. Messing E, Tangen C, Lerner S, Sahasrabudhe D, Koppie T, Wood D, Mack, P, Svatek R, Evans C, Holzebeierlein, **Wilson SS**, Wu G, and Thomson I. Pnflba-10 A Phase III Blinded Study of Immediate Post-turbit Instillation of Gemcitabine Versus Saline in Patients with Newly Diagnosed or Occasionally Recurring Grade I/II Non-Muscle Invasive Bladder Cancer: SWOG S0337. *J Urol* 2017 197(4): e914-15. [http://www.jurology.com/article/S0022-5347\(17\)39232-7/abstract](http://www.jurology.com/article/S0022-5347(17)39232-7/abstract)

59. Colvin A, **Wilson SS** and LaRosa F. A Rare Case of Condyloma Acuminata in the Urinary Bladder and Review of the Literature. *BMJ Case reports* 2017; 174(3): 33-35.
60. Messing EM, Tangen CM, **Wilson SS**, Vogelzang NJ, et al. A Phase III Blinded Study of Immediate Post-TURBT Instillation of Gemcitabine versus Saline in Patients with Newly Diagnosed or Occasionally Recurring Grade I/II Non-Muscle Invasive Bladder Cancer: SWOG S0337. *NEJM* 2017 (In Press).

**First Business Started:**

MoralGenius: Flash cards for children, helping make great choices, 2009-2012.

**Fondest Teaching Memory:**

Getting to place the hood on Dr. Kevin Krughoff when he graduated from Medical School in the spring of 2016 and headed off to Dartmouth to become a Urologist

**Fondest Scholarship Memory:**

Seeing my name on a publication in my area of interest submitted to the *New England Journal of Medicine*, 2017

**Fondest Clinical Memory:**

When a US Senator and later an 11 year old prince from Saudi Arabia came to me for his bladder cancer care because they had heard I was “one of the best in the country,” 2007, 2010.

**Fondest Service Memory:**

Receiving the “Partners in Care” Service Award from Bruce Schroffel and Andy Meacham at the Physician Award Ceremony in 2009.

**Professional Interests:**

Quality improvement, “Pre-hab” integration of fitness and diet into patients’ lives before surgery, resiliency in residents and physicians, surgical site infections, collaboration in health care, mentorship of residents and students.

**Personal Interests:**

I love being married to my CEO-husband George Sparks and interacting with his amazing Board at the Denver Museum of Nature and Science. I enjoy spending time with my two children, Amanda (13) and Andrew (12). We enjoy travelling together, snowboarding together, hanging out our King Charles puppy, and trying to play pop music together as a family band.

**Other Goals:**

After finishing my MBA in July, 2018, I would like to become even more integrated in our city and would like to pursue the Leadership Denver program in the future and would also like to grow more as an academic leader through the Executive Leadership in Academic Medicine (ELAM) program. I am also interested in continuing to work with IHQSE to improve our outcomes with bladder cancer through the creation of better systems and funded leadership positions.