

CURRICULUM VITAE

Kristy Borawski, MD
Clinical Associate Professor

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BOARD CERTIFICATION AND LICENSURE

2013 – present Board Specialty Certification: American Board of Urology # 17650

2009 - present Licensure: North Carolina Medical License #2009-00516

EDUCATION / TRAINING

2017- 2018 **Teaching Scholars**
Clinical Teaching Program
Mentor: AnnaMarie Connolly, MD

2016 **Passing the Torch**
Clinical Teaching Program
Mentor: Amy Weil, MD

July 2009 - June 2010 **Duke University Medical Center, Durham, NC**
Fellowship in Reconstructive Urology
Mentor: George Webster, MB, FRCS

July 2006 – June 2009 **Duke University Medical Center, Durham, NC**
Residency in Urological Surgery

July 2005 - June 2006 **Duke University Medical Center, Durham, NC**
Urology Research Fellowship

July 2004 - June 2005 **Duke University Medical Center, Durham, NC**
Residency in Urological Surgery

June 2003 - June 2004 **Duke University Medical Center, Durham, NC**
Internship in General Surgery

August 1999 - May 2003 **Albany Medical College, Albany, NY**
Doctor of Medicine
Graduated *Magna Cum Laude*

August 1997 - May 2001 **Rensselaer Polytechnic Institute, Troy, NY**
Bachelor of Sciences in Biology
Graduated *Magna Cum Laude*

PROFESSIONAL EXPERIENCE

- July 2013 – Present **University of North Carolina-Chapel Hill**
Assistant Professor, Department of Urology
- August 2010 –June 2013**University of North Carolina-Chapel Hill**
Assistant Professor, Division of Urology, Department of Surgery
- July 2009 –June 2010 **Duke University Medical Center, Durham, NC**
Clinical Associate, Division of Urology, Department of Surgery

ACADEMIC AWARDS and HONORS

- 2019 **UNC Health Care and UNC Faculty Physicians Award for Carolina Care Excellence**
One of 189 providers across the entire UNC Faculty Practice Awarded by UNC Health Care administers the CG-CAHPS (Clinician and Group Consumers Assessment of Healthcare Providers and Systems) survey to solicit feedback from patients. The survey asks patients if they would recommend their provider's office to their friends and family. Award given when over the past year more than 95 percent of a provider's patients responded "Yes, definitely!" This designation places these providers in the top quartile nationally
- 2018 **UNC Health Care and UNC Faculty Physicians Award for Carolina Care Excellence**
One of 173 providers across the entire UNC Faculty Practice Awarded by UNC Health Care administers the CG-CAHPS (Clinician and Group Consumers Assessment of Healthcare Providers and Systems) survey to solicit feedback from patients. The survey asks patients if they would recommend their provider's office to their friends and family. Award given when over the past year more than 95 percent of a provider's patients responded "Yes, definitely!" This designation places these providers in the top quartile nationally
- 2017 **UNC Health Care and UNC Faculty Physicians Award for Carolina Care Excellence**
One of 171 providers across the entire UNC Faculty Practice Awarded by UNC Health Care administers the CG-CAHPS (Clinician and Group Consumers Assessment of Healthcare Providers and Systems) survey to solicit feedback from patients. The survey asks patients if they would recommend their provider's office to their friends and family. Award given when over the past year more than 95 percent of a provider's patients responded "Yes, definitely!" This designation places these providers in the top quartile nationally
- 2016 **UNC Health Care and UNC Faculty Physicians Award for Carolina Care Excellence**

One of 133 providers across the entire UNC Faculty Practice Awarded by UNC Health Care administers the CG-CAHPS (Clinician and Group Consumers Assessment of Healthcare Providers and Systems) survey to solicit feedback from patients. The survey asks patients if they would recommend their provider's office to their friends and family. Award given when over the past year more than 95 percent of a provider's patients responded "Yes, definitely!," This designation places these providers in the top quartile nationally.

- 2015 Academy of Spinal Cord Injury Professionals (ASCIP) *Jayanthi Lecture*
- Co-presenters: Heather Walker, MD and Raheleh Tschoepe, OT.
- 2007 Best Poster at moderated poster session. American Urologic Association annual meeting, May 2017. Levels of Evidence in the Urologic Literature
- 2007 Gerald P. Murphy Scholar
- 2006 Gerald P. Murphy Scholar
- 2006 1st Place in Clinical Research Essay Competition, Society for Urodynamics and Female Urology (SUFU)
- 2006 SUFU Resident travel grant
- 2005 1st Place in Research Presentation, North Carolina Urology Residents Conference
- 2002 *Alpha Omega Alpha* Honor Society

BIBLIOGRAPHY

BOOK CHAPTERS

- **Borawski KM.** "EMG in Urodynamics." In *Practical urodynamics for the clinician*. Springer International Publishing, 2016.
- **Borawski, KM, L'Esperance, JO, Albala, DM.** "The Oncologic Outcomes of Robotic Assisted Laparoscopic Prostatectomy." In Patel, V., *Robotic Urologic Surgery*. London: Springer-Verlag, 2007.

SUBMITTED BOOK CHAPTER

- **Borawski KM,** "Sexually Transmitted Disease." In *Campbell-Walsh-Wein Urology, 12th edition*. Elsevier. 2018, 48 typed pages.

PEER REVIEWED PUBLICATIONS

- Husk KE, Norris LD, Willis-Gray MG, **Borawski, KM**, Geller EJ. Variation in bony landmarks and predictors of success with sacral neuromodulation. *Int Urogynecol J*. 2019. Feb 7 (epub).
- McCormick BJ, Deal A, **Borawski KM**, Raynor MC, Viprakasit D, Wallen EM, Woods ME, Pruthi RS. Implementation of medical scribes in an academic urology practice: an analysis of productivity, revenue and satisfaction. *World J Urology*. 2018. Oct 36(10): 1691-97.
- McKibben MJ, Seed PS, Ross S, **Borawski KM**. Urinary Tract Infections and Neurogenic Bladder. *Urology Clinics of North America*. 2015. Nov 42(4): 527-36.
- Conover MM, Funk MJ, Kinlaw A, **Borawski KM**, Wu J. Trends and Patterns in Urodynamic Studies in males 2000 – 2012. *PLUS-One*. 2015. Accepted for online publication. 2015.
- Kirby EW, **Borawski KM**, Smith AS. Levels of Evidence and Clinical Guidelines- Considerations for the Practicing Urologist. *Sexual Medicine Reviews*. 2013 1(1): 17-23.
- Peterson D, Curtis L, Shea A, **Borawski K**, Schulman K, Scales C. The Use of Urinary Diversion and Bladder Augmentation in Patients with Spinal Cord Injury in the United States. *J Urol*. 2012; 80(6): 1247-51.
- Crane AK, **Borawski K**, Calloway EH, Connolly A. Ureteral Stent Placement: An Educational Video. *Female Pelvic Med Reconstr Surg*. 2011; 17(5): S101.
- Scales CD, Chandrashekar AS, Robinson MR, Cantor DA, Sullican J, Haleblan GE, Leitao VA, Sur RL, **Borawski KM**, Koeberl D, Kishnani PS, Preminger GM. *Stone forming risk factors in patients with type 1a glycogen storage disease*. *J Urol*. 2010 March; 183(3): 1022-5.
- Turpen RM, Fesperman SF, Sultan S, **Borawski KM**, Norris RD, Klink K, Sur, RL, Breau RH, Krupski TL, Dahm P. *Levels of Evidence Ratings in the Urologic Literature: an Assessment of Interobserver Agreement*. *BJU Int*. 2010 Mar; 105(5): 602-6.
- **Borawski, KM** Sur, RL, Crain, DS, Kolon, TF, Pak, CYC, Preminger, GM, Miller OF. *Urinary Reference Values for Stone Risk Factors in Children*. *J Urol*. 2008 Jan; 179(1): 290-294.
- Foster RT, **Borawski, KM**, South, MM, Weidner, AC, Webster, GD, Amundsen, CL. *A Randomized, Controlled Trial Evaluating Two Techniques of Postoperative Bladder Testing after Transvaginal Surgery*. *Am J Ob Gyn*. 2007 Dec; 197(6): 627e1-4.
- **Borawski, KM**, Norris, RD, Fesperman, SF, Vieweg, J, Preminger, GM, Dahm, P. *Levels of Evidence in the Urologic Literature*. *J Urol*. 2007 Oct; 187(4pt1): 1429-1433.

- David E. Kang, Roger L. Sur, George E. Haleblian, Nicholas Fitzsimons, **Kristy M. Borawski** and Glenn M. Preminger. *Long-term Lemonade Based Dietary Manipulation in Patients with Hypocitraturic Nephrolithiasis*. J Urol. 2007 Apr; 177(4): 1358-1362.
- **Borawski, KM**, Foster, RT, Webster, GD, Amundsen, CL. *Predicting Implantation with a Neuromodulator Using Two Different Stimulation Techniques: A Prospective Randomized Study in Urge Incontinent Women*. Neurourol Urodyn. 2007; 26(1): 14-18.
- Dylewski, DA, Sherman, N, **Borawski, KM**, Amundsen CA, Webster GD. *A Statistical Comparison of Pad Numbers versus Pad Weight in the Quantification of Urinary Incontinence*. Neurourol Urodyn 2007; 26(1): 3-7.
- Weidner, AC, Jamison MG, Branham V, South MM, **Borawski, KM**, Romero AA. *Neuropathic Injury to the levator ani occurs in 1 in 4 primiparous women*. Am J Obstet Gynecol. 2006 Dec; 195(6): 1851-6.
- **Borawski, KM**, Sur RL, Preminger GM. *Renal Calculi Presenting as Hyperhidrosis in a Patient with Spinal Cord Injury*. Urology. 2006 May; 67(5): 1084.e13-14.

IN PRESS / SUBMITTED PEER REVIEWED ARTICLES

- McCormick BJ, Deal A, **Borawski KM**, Raynor MC, Veprakesit D, Wallen EM, Woods ME, Pruthi RS. *Implementation of medical scribes in an academic urology practice: an analysis of productivity, revenue and satisfaction*. 2018. 10 types pages.

NON PEER REVIEWED ARTICLES

- **Borawski KM** and Culley CC. Detrusor-directed therapy in men with benign prostatic hyperplasia. *Cur Bladder Dysfunc Rep*. 2011; 6: 218-223.

PRESENTATIONS

- Maxim McKibben, Pauline Filippou, Benjamin McCormick, Gopal Narang, Karen Crowell and **Kristy Borawski**. Use of Botulinum Toxin A in Refractory Overactive Bladder in Parkinson's Disease: A Systematic Review; moderated poster session at Southeastern Section of the American Urologic Association, March 2017.
- Tschoepe, Raheleh, **Borawski KM**, Walker H. Jayanthi Lectureship - An Interdisciplinary Approach to Neurogenic Bowel, Bladder and Sexual Dysfunction Management after Spinal Cord Injury; podium session at Academy of Spinal Cord Injury Providers, August 2015.
- Conover MM, Funk MJ, Kinlaw A, **Borawski KM**, Wu J. Trends and Patterns of Urodynamic Studies in Males, 2000 – 2011; moderated podium session at American Urologic Association (AUA), May 2014.

- Peterson D, Curtis L, Shea A, **Borawski K**, Schulman K, Scales C. The Use of Urinary Diversion and Bladder Augmentation in Patients with Spinal Cord Injury in the United States; moderated poster at the American Urologic Association (AUA), May 2012.
- Long Term Consequences in the Management of the Devastated, Obstructed Outlet using Combined Urolume Stent with Subsequent Artificial Urinary Sphincter Placement; moderated podium at American Urologic Association (AUA), May 2010.
- Large Volume Pad Weight is Predictive of Failure in Treating Post Prostatectomy Incontinence with the Advance Sling; moderated podium at American Urologic Association (AUA), May 2010.
- Surgical Management of Neurogenic Bladder Secondary to Spinal Cord Injury in the United States; moderated poster at AUA Southeastern Section, March 2009.
- Differing Outcomes in Older Women Treated with Sacral Neuromodulation for Refractory Overactive Bladder; moderated poster presentation at Society for Urodynamics and Female Urology (SUFU), February 2009.
- Walter, JR, Grafstein, NH, Borawski, KM, Webster, GD. Management of the devastated outlet following treatment for prostate cancer by placement of a Urolume stent and an artificial sphincter: Long-Term Follow-up; moderated podium at American Urologic Association (AUA), May 2008 (presented by JR Walter).
- Levels of Evidence in the Urology Literature; moderated poster presentation at AUA, May 2007.
 - Winner: Best Poster
- Management Strategies for the Migration of Tined Leads for Sacral Neuromodulation; moderated poster presentation at AUA, May 2007.
- Manangement of Large Volume Post Prostatectomy Incontinence using a Single Cuff Artificial Urinary Sphincter.; moderated poster presentation at AUA, May 2007.
- Grafstein NH, Borawski KM, Webster GD. Outcomes of Men with Mixed Urinary Incontinence following Artificial Urinary Sphincter Placement; moderated poster presentation at AUA, May 2007 (presented by NH Grafstein).
- RT Foster, KM Borawski, MM South, AC Weidner, CL Amundsen. A Randomized Controlled Trian Evaluating Two Techniques of Post Operative Bladder Testing after Transvaginal Surgery; podium presentation at Society for Gynecologic Surgeons (SGS). April 2007 (presented by RT Foster).
- Anoaia, EJ, Borawski, KM, Webster, GD. Management of the devastated outlet following treatment for prostate cancer by placement of a Urolume stent and an artificial sphincter; moderated poster at AUA, May 2006 (presented by EJ Anoaia).
- Minimally Invasive Slings as Secondary Procedures for Recurrent Stress Urinary Incontinence; moderated poster presentation at AUA, May 2006.

- Weidner, AC, Branham, V, South, MM, Borawski, KM, Romero, AA. Neuropathic Injury to the Levator Ani Occurs in 1 in 4 Primiparous Women; podium presentation at Society for Gynecologic Surgeons (SGS). April 2006 (presented by AC Weidner).
- Pediatric 24-Hour Urine Collection: Normal Values; podium presentation at AUA Southeastern Section. March 2006.
- Forced Hydration vs. Maintenance Fluids in the Management of Acute Renal Colic: a Prospective, Randomized Trial; podium presentation at AUA, May 2006 (presented by Roger Sur) and at AUA Southeastern Section, March 2006 (presented by K. Borawski).
- David E. Kang, Roger L. Sur, George E. Haleblian, Nicholas Fitzsimons, Kristy M. Borawski and Glenn M. Preminger. The Efficacy of Lemonade-Based Dietary Manipulation in Patients with Hypocitraturic Nephrolithiasis; podium presentation at AUA, May 2006 and at AUA Southeastern Section, March 2006 (presented by David E. Kang)
- A randomized prospective study comparing the efficacy of two test stimulation techniques for sacral neuromodulation in urge incontinent women > 55 years of age; discussed poster presentation at AUA, May 2006. Podium presentation at SUFU, February 2006 and at North Carolina Residents Competition, November 2005.

VIDEOS

- Crane AK, Borawski K, Calloway EH, Connolly A. Ureteral Stent Placement: An Educational Video; video presentation at American Urogynecology Society Meeting 2011

TEACHING RECORD

COURSE DIRECTOR

June 2018	16 th Annual Floyd A. Fried Advances in Urology Symposium <ul style="list-style-type: none"> • Annual meeting hosted by UNC Urology department highlighting variety of topics in urology • 11 speakers including national and local urologists <ul style="list-style-type: none"> ○ 8.5 AMA PRA Category 1 Credit(s) • Audience: Regional urology providers
2017 – Present	UNC Department of Urology Acting Internship Director
2016 – present	UNC Physician’s Assistant Program - Urology Curriculum <ul style="list-style-type: none"> • Responsible for development and implementation of the Urology curriculum
2013 – Present	UNC School of Medicine 3 rd year Medical Student Urology Clerkship

LECTURES

LECTURE: PHYSICIAN ASSISTANT STUDENTS

June 8, 2018	<i>Urology Cases</i> Audience: UNC Physician's Assistant Program
June 8, 2018	<i>UTIs</i> Audience: UNC Physician's Assistant Program
June 7, 2018	<i>Prostate Diseases</i> Audience: UNC Physician's Assistant Program
June 7, 2018	<i>Penile-Scrotal Conditions</i> Audience: UNC Physician's Assistant Program
June 6, 2018	<i>Pediatric Urologic Conditions</i> Audience: UNC Physician's Assistant Program
June 6, 2018	<i>Nephrolithiasis</i> Audience: UNC Physician's Assistant Program
June 5, 2018	<i>Incontinence</i> Audience: UNC Physician's Assistant Program
June 5, 2018	<i>GU Malignancies</i> Audience: UNC Physician's Assistant Program
June 7, 2017	<i>Urology Cases</i> Audience: UNC Physician's Assistant Program
June 6, 2017	<i>UTIs</i> Audience: UNC Physician's Assistant Program
June 6, 2017	<i>Prostate Diseases</i> Audience: UNC Physician's Assistant Program
June 5, 2017	<i>Penile-Scrotal Conditions</i> Audience: UNC Physician's Assistant Program
June 4, 2017	<i>Pediatric Urologic Conditions</i> Audience: UNC Physician's Assistant Program
June 3, 2017	<i>Nephrolithiasis</i> Audience: UNC Physician's Assistant Program
June 2, 2017	<i>Incontinence</i> Audience: UNC Physician's Assistant Program
June 1, 2017	<i>GU Malignancies</i>

Audience: UNC Physician's Assistant Program

August 29, 2016 *Urology Cases*
Audience: UNC Physician's Assistant Program

August 26, 2016 *UTIs*
Audience: UNC Physician's Assistant Program

August 26, 2016 *Prostate Diseases*
Audience: UNC Physician's Assistant Program

August 26, 2016 *Penile-Scrotal Conditions*
Audience: UNC Physician's Assistant Program

August 25, 2016 *Pediatric Urologic Conditions*
Audience: UNC Physician's Assistant Program

August 25, 2016 *Nephrolithiasis*
Audience: UNC Physician's Assistant Program

August 24, 2016 *Incontinence*
Audience: UNC Physician's Assistant Program

August 24, 2016 *GU Malignancies*
Audience: UNC Physician's Assistant Program

LECTURES: GRADUATE MEDICAL EDUCATION

Female Pelvic Medicine and Reconstructive Surgery Fellows

August 1, 2018 *Ureteral Stents*
Audience: UNC Urogynecology fellows, rotating residents and faculty

January 3, 2018 *Nephrolithiasis*
Audience: UNC Urogynecology fellows, rotating residents and faculty

January 18, 2017 *Kidney Stones*
Audience: UNC Urogynecology fellows, rotating residents and faculty

October 21, 2015 *Everything you didn't want to know about Kidney Stones*
Audience: UNC Urogynecology fellows, rotating residents and faculty

December 17, 2014 *Neurogenic Bladder Management*
Audience: UNC Urogynecology fellows, rotating residents and faculty

August 20, 2014 *Lower Urinary Tract Physiology*
Audience: UNC Urogynecology fellows, rotating residents and faculty

September 11, 2013 *Neurogenic Bladder*
Audience: UNC Urogynecology fellows, rotating residents and faculty

August 28, 2013 *Voiding Physiology*

Audience: UNC Urogynecology fellows, rotating residents and faculty

November 30, 2012 *Indications & Management of Ureteral Stents*
Audience: UNC Urogynecology fellows, rotating residents and faculty

November 2, 2012 *Neurogenic Bladder*
Audience: UNC Urogynecology fellows, rotating residents and faculty

October 12, 2012 *Hematuria and Bladder Cancer*
Audience: UNC Urogynecology fellows, rotating residents and faculty

December 16, 2011 *Neurogenic Bladder*
Audience: UNC Urogynecology fellows, rotating residents and faculty

September 23, 2011 *Hematuria and Bladder Cancer*
Audience: UNC Urogynecology fellows, rotating residents and faculty

October 29, 2010 *Neurogenic Bladder*
Audience: UNC Urogynecology fellows, rotating residents and faculty

September 10, 2010 *Urologic Oncology*
Audience: UNC Urogynecology fellows, rotating residents and faculty

September 17, 2010 *Ureteral Stents*
Audience: UNC Urogynecology fellows, rotating residents and faculty

Urology Residents

February 8, 2018 *OAB Pathway*
Audience: UNC Urology Residents

November 14, 2017 *Urodynamics Review*
Audience: UNC Urology Residents

November 8, 2016 *Urodynamics Review*
Audience: UNC Urology residents

November 4, 2014 *Urodynamics Review*
Audience: UNC Urology residents

November 7, 2013 *Urodynamics Review*
Audience: UNC Urology residents

April 4, 2013 *Sexual Dysfunction and Infertility in Spinal Cord Injured Patients*
Audience: UNC Urology residents

November 8, 2012 *Basic Urodynamics and Case Studies*
Audience: UNC Urology residents

November 18, 2011 *Incontinence and Prolapse*
Audience: UNC Urology residents

- November 9, 2011 *Basic Urodynamics and Case Studies*
Audience: UNC Urology residents
- July 6, 2011 *Evaluation of Incontinence: Part 1*
Audience: UNC Urology residents
- November 9, 2010 *Basic Urodynamics*
Audience: Urology Residents
- November 16, 2010 *Pitfalls in Incontinence/Prolapse Surgery*
Audience: Urology Residents

Physical Medicine & Rehabilitation Residents

- December 13, 2018 *SCI Induced ED / Infertility*
Audience: PM & R Residents/Faculty
- December 13, 2018 *Management of SCI induced neurogenic bladder*
Audience: PM & R Residents/Faculty
- October 28, 2015 *SCI Induced ED / Infertility*
Audience: PM & R Residents/Faculty
- October 28, 2015 *Management of SCI induced neurogenic bladder*
Audience: PM & R Residents/Faculty
- April 30, 2014 *Spinal Cord Injury: Managing the Neurogenic Bladder*
Audience: UNC PM&R residents
- April 30, 2014 *Spinal Cord Injury: ED, Infertility & Female Sexual Dysfunction*
Audience: UNC PM&R residents
- November 14, 2012 *Neurogenic Bladder and Sexual Dysfunction*
Audience: UNC PM&R residents
- April 20, 2011 *Urodynamics*
Audience: UNC Physical Medicine & Rehabilitation Residents

LECTURES: UNDERGRADUATE MEDICAL EDUCATION

UNC School of Medicine Students

- February 27, 2018 *Voiding Dysfunction and Urotrauma*
Audience: UNC MS 1 medical students
- February 27, 2018 *Prostatic Diseases*
Audience: UNC MS 1 medical students
- February 28, 2017 *Voiding Dysfunction and Urotrauma*
Audience: UNC MS 1 medical students
- February 28, 2017 *Prostatic Diseases*

Audience: UNC MS 1 medical students

February 23, 2016 *Voiding Dysfunction and Urotrauma*
Audience: UNC MS 1 medical students

October 27, 2015 *Management of Urotrauma*
Audience: UNC MS 3 Surgical Rotation Lecture

February 24, 2015 *Voiding Dysfunction and Urotrauma*
Audience: UNC MS-1 students

May 7, 2013 *Urologic Trauma*
Audience: UNC Medical Students, MS III Surgical Course

December 2, 2012 *Voiding Dysfunction*
Audience: UNC Medical Students, MSII Urology Course

December 13, 2011 *Voiding Dysfunction*
Audience: UNC Medical Students, MSII Urology Course

February 22, 2011 *GU Trauma*
Audience: UNC Medical Students, MS3

December 15, 2010 *Urinary Incontinence*
Audience: UNC Medical Students, MS2

December 8, 2010 *Voiding Dysfunction*
Audience: UNC Medical Students, MS2

GRAND ROUNDS AT UNC

June 20, 2018 UNC Emergency Medicine Grand Rounds
Urotrauma
Audience: UNC Emergency Medicine Residents / Faculty

January 4, 2017 I UNC Department of OB-GYN Grand Rounds
Recurrent UTI: Why we do what we do
Audience: UNC OB-GYN residents / faculty

May 12, 2016 UNC Department of Internal Medicine Grand Rounds, joint with Dr. Jan Busby-Whitehead
Stemming the flood: Update of Urinary Incontinence
Audience: UNC Department of Medicine residents and faculty

July 1, 2015 UNC Department of Urology Grand Rounds
Spinal Cord Injury: Managing the Neurogenic Bladder
Audience: UNC Urology residents / faculty

September 15, 2010 UNC Department of Surgery

Urethral Trauma: Managing the Traumatic Posterior Urethral Disruption

Audience: Department of Surgery residents and faculty

October 13, 2010

UNC Department of OB/GYN

Spinal Cord Injury: Managing the Neurogenic Bladder

Audience: Department of OB-GYN residents and fellows

GRAND ROUNDS OUTSIDE UNC

March 9, 2017

Invited Lecture, Duke Medical Center Emergency Medicine

Urologic Trauma

Audience: Duke Medical Center Emergency Medicine Residents / Faculty

April 9, 2014

Invited Lecture, Duke Medical Center Emergency Medicine

Pelvic / GU Trauma

Audience: Duke Emergency Medicine Division Grand Rounds

CONTINUING EDUCATION LECTURE AT UNC

June 23, 2017

Invited Expert Panel, UNC 15th Floyd A. Fried Advances in Urology Symposium

Management of Difficult Neurogenic Bladder Cases

Audience: regional urologists

June 17, 2017

Invited Lecture, UNC Spinal Cord Conference

Management of the Neurogenic Bladder Secondary to SCI

Audience: Regional spinal cord injury care providers

June 19, 2015

Invited Lecture, UNC 13th Floyd A. Fried Advances in Urology Symposium

Recurrent Urinary Tract Infections: Why we do what we do

Audience: Regional urology providers

June 20, 2014

Invited Lecture, UNC 12th Floyd A. Fried Advances in Urology Symposium

Medical Management for the Overactive Bladder

Audience: Regional urology providers

November 8, 2013

Invited Lecture, UNC Spinal Cord Injury Symposium

Sexual Dysfunction & Infertility after Spinal Cord Injury

Audience: Regional spinal cord injury care providers

June 21, 2013

11th Annual Landes Symposium

Initial Management of Post Prostatectomy Incontinence: data behind common practices

Audience: Community Urologists

November 2, 2012 Invited Lecture, Invited Lecture, UNC Spinal Cord Injury Symposium
*Managing the Neurogenic Bladder & Sexual Dysfunction after Spinal
Cord Injury*

Audience: Regional spinal cord injury care providers

June 23, 2012 Invited Lecture, 9th Annual Landes Symposium
Posterior Urethral Injuries

Audience: Community Urologists

December 2, 2011 Invited Lecture: Pharmacology Update 2011 for APRNs and PAs
Antimuscarinics and their Appropriate Use

Audience: APRNs and PAs

November 4, 2011 Invited Lecture
Managing the Neurogenic Bladder after Spinal Cord Injury

Audience: University of North Carolina Spinal Cord Injury Symposium

June 11, 2011 Invited Lecture: 8th Annual Landes Symposium
Life After Anticholinergics

Audience: Community Urologists

June 25, 2010 Invited Lecture: 8th Annual Landes Symposium
Robotics in Female Urology

Audience: Community Urologists

CONTINUING EDUCATION LECTURE OUTSIDE UNC

National

May 6, 2016 Invited Lecture, Society of Urodynamics and Female Urology Session at
the annual meeting of the American Urologic Association

Autonomic Dysreflexia

Audience: SUFU members

Regional

September 24, 2016 Invited Lecture
Botox for Overactive Bladder
Audience: Triangle Chapter of SUNA

October 2, 2010 SER WOCN Annual Conference
Sexual Counseling: Dysfunction after Ostomy Surgery
Audience: Southeastern Region Wound Ostomy & Continence Nurses
Society

May 4, 2010 Invited Lecture: Duke Tuesday in Urology
Pitfalls in Incontinence Surgery

Audience: Community Urologists

March 26, 2010 Invited Lecture: Duke Urologic Assembly
Evolving Management of Pelvic Organ Prolapse
Audience: Community Urologists

March 26, 2010 Invited Lecture: Duke Urologic Assembly
Complications after Incontinence Surgery
Audience: Community Urologists

PROFESSIONAL SERVICE

PROFESSIONAL SERVICE WITHIN UNC

2018 UNC School of Medicine Standards 6-9 Educational Program and Evaluation

- Chair: Dr. Cristin Colford and Dr. Jon Homeister

2018 UNC School of Medicine Faculty Development Task Force

- Chair: David Berkoff

2016 – present Alpha Epsilon Delta Undergraduate Shadow Program

- UNC pre-health professional honor society

- Matches undergraduate students with UNC SOM faculty

PROFESSIONAL SERVICE OUTSIDE OF UNC

National:

March 3, 2012 Invited Moderator: Society for Urodynamics and Female Urology
Moderator for *Pelvic Organ Prolapse/Reconstruction* Session
Audience: SUFU attendees

PROFESSIONAL ORGANIZATIONS

2011-Present Society for Urodynamics and Female Urology

2006-Present American Urological Association (AUA)

2006-Present Society of Women in Urology

2006-Present Southeastern American Urological Association (SESAUA)

REFLECTIVE STATEMENT

Harold Thurman Whitman once said, “Don't ask yourself what the world needs - ask yourself what makes you come alive, and then go do it. Because what the world needs is people who have come alive.”

After reading that statement one day, I took a long look at where my career was and took a step back to re-prioritize. What were the things in life that made me come alive?

Delighted with my immediate first response, my family, I reflected on what makes or would make me “come alive” with my career. I decided to write down some key phrases...

1. Recognizing the humanity in medical/surgical care
2. Pride and protectiveness of your outcomes
3. Encouraging and teaching residents to see #1 and #2

What do I mean by these phrases? Let me explain. All too often I hear the complaint that “surgeons are surgeons... You cannot change that.” Well, why not? I have the privilege of caring for many patients with spinal cord injuries, Parkinson's disease, multiple sclerosis and other neurological disorders. All too often, the urological effects of these diseases are glossed over in favor of the more visible things (i.e. mobility, tremors, etc...). The impact of the change in their urinary habits and control, however, is usually a major contributor to a decrease in quality of life after injury/diagnosis. Caring for these patients and educating them on why they are having urological issues is something that I love to do. I enjoy working together towards developing treatment plans that work in the context of each patient's short and long term goals. Working at UNC has allowed me to have the resources and multi-disciplinary team to care for these patients in, what I hope is a comprehensive, quality of life driven and compassionate manner. By doing so, I hope to be able to improve outcomes in this most deserving population. In order to be a good physician/surgeon, you have to, in my opinion, be a bit vain. You need to take pride in your care, be it clinical or surgical. My mentor taught me, if the phrase, “I think it will be OK runs through your mind” stop what you are doing immediately and fix it. I have taken this approach to my career. During cases, I will often point out steps to the resident that can have an effect on the outcome. If I'm not happy with how the case is going, we will step back for a moment, talk things over and

then, proceed. Honestly, I tend to be a bit more “hands on” that I am sure the residents would like but I hope they see that as a reflection of my dedication and concern for my patient.

If there is one thing I hope the residents learn from me, it is that last statement. Medical and surgical management can and will be taught very well during the residents time with us at UNC. What you cannot teach, however, but merely can show by example, is how we should “care” for our patients...with dedication, concern and pride. These are traits that I have found are commonplace at UNC...no small accomplishment.

Caring for an underserved, sometimes unrecognized, population of urology patients has become my main focus in my clinical work. It is this that has made me “come alive” at work. I am grateful for the opportunities that UNC continues to provide that allow me to do a job I love every day.

TEACHING STATEMENT

Education has been one of the most influential cornerstones of my life. As the child of educators (middle school math and science), many of our family dinners focused on the trials that my parents faced as teachers. Many of these trials are those that continue today in medical education. Lack of time, funding, interest and the ever-present trial of engaging the learner in materials they may not be interested in learning. My parents would speak of the student that would perhaps excel in one area but struggle in another (i.e. math) and brainstorm different ways in which they could, 1) engage the learner in the topic, 2) make the topic applicable to their interests and 3) help the learner to understand, not just memorize the lessons. It was these dinner sessions that prompted my interest in education, and although I knew I wanted to pursue medicine rather than primary education, prompted my interest in academic medicine. Throughout my time at UNC, I have sought to improve my teaching abilities through participation in the *Passing the Torch* Clinical Teaching Program as well as the *Teaching Scholars* program under the leadership of Drs. Amy Weil and AnnaMarie Connolly respectively.

I have been involved in a variety of educational opportunities within the UNC involving learners ranging from college students to fellows. Through the Alpha Epsilon Delta (UNC pre-health professional honor society), undergraduate students from UNC spend time with me in the clinical setting to gain exposure to the world of clinical medicine. While some of these students come once, some have spent many months with me allowing for “entry level” teaching of urologic issues. I am actively involved with medical student education both as a lecturer during the foundation phase and as the coordinator for the urology clerkship. In addition to the normal “bedside” teaching of our urology residents, I am also actively involved in educational lectures and also hold an annual urodynamics review session prior to their inservice. In addition to standard lectures for the urology residents, I am also involved in a lecture series for the spinal cord injury unit for the physical medicine and rehabilitation residents and a multi-lecture annual series for the UNC urogynecology fellows.

In 2016, I was given the opportunity to design and implement a urology curriculum for the UNC Physician Assistant program. Having a review book as my guide, I created 8-10 contact hour worth of lectures and cases for the PA students. In

2017, I was nominated to participate in the *Teaching Scholars* program under the tutelage of Dr. AnnaMarie Connolly. As part this program, I sought to implement a new curriculum for the 2018 PA urology lecture series that would allow for more learner engagement and, in turn, result in a better understanding of and performance on their urology portion of the curriculum. Through a redesign that now provided the learner with pre-recorded lectures on the applicable topics, we now were able to spend the contact hours in case based simulations rather than strict didactic lectures. Feedback from the learners and assessors was very positive and this resulted in better performances not only on the test but with the standardized patient scenarios as well.

I hope to not only continue teaching a variety of learners but to continually strive to improve my teaching abilities so that I can engage my learners and make the material “come alive.”