

## **CURRICULUM VITAE**

**Rose Khavari, M.D.**

Last updated: May, 2016

### **A. GENERAL INFORMATION**

Office Address: 6560 Fannin, Suite 2100  
Houston, TX 77030

Office Telephone: 713-441-6455  
Office Fax: 713-441-6463

Home Address: 3823 Gramercy St.  
Houston, TX 77025

Home Telephone: 713-703-0660

Cell Phone: 713-703-0660

E-mail: rkhavari@houstonmethodist.org

Citizenship: US Citizen

### **Optional Information:**

Birth Date: October 23, 1976

Birth Place: Denison, TX

Marital Status: Married

Spouse's Name: Ali Jalali

Children's Names/Ages: Lilia Jalali/4 years old

Race/Ethnicity: White

**B. EDUCATIONAL BACKGROUND**

<i>Degree</i>	<i>Institution Name, City, State</i>	<i>Dates Attended</i>	<i>Year Awarded</i>
M.D.	University of Texas Medical Branch Galveston, TX Junior AOA, top 3% of the class Senior AOA Graduated with Highest honors	2001-2005	2005
B.S in Biology	University of Texas at Arlington Arlington, TX Summa Cum Laude, 4.0 GPA	1999-2001	2001
	Shahid Beheshti University Tehran, Iran Transferred credits to UTA for Biology Degree	1995-1999	

**C. PROFESSIONAL POSITIONS AND EMPLOYMENT****Post-doctoral training including residency/fellowship**

<i>Title</i>	<i>Institution Name, City, State</i>	<i>Dates</i>
Fellow	Continenence, Pelvic Reconstructive Surgery, and Neurourology The Methodist Hospital Methodist Urology Associates and Baylor College of Medicine Houston, TX	2011-2012
Resident	Urology Baylor College of Medicine Scott Department of Urology Houston, TX	2006-2011
Intern	General Surgery Scott Department of Urology Baylor College of Medicine Houston, TX	2005-2006

**Academic positions (teaching and research)**

<i>Title</i>	<i>Institution Name, City, State</i>	<i>Dates</i>
Assistant Professor	Weill Cornell Medical College Houston Methodist Hospital Houston, TX	10/2012-present

Director of Research	Methodist Center for Restorative Pelvic Medicine Houston Methodist Hospital Houston, TX	6/2013-present
Clinical Director	Neurourology and Transitional Urology Clinic Houston Methodist Hospital Houston, TX	10/2012-present
Adjunct Faculty	Baylor College of Medicine Scott Department of Urology Houston, TX	10/2012-present

**Hospital positions (attending physician, if applicable)**

<i>Title</i>	<i>Institution Name, City, State</i>	<i>Dates</i>
Attending Staff	Department of Urology Houston Methodist Hospital Houston, TX	10/2012-present
Adjunct Faculty	Scott Department of Urology Baylor College of Medicine Houston, TX	10/2012-present
Attending Faculty	Texas Children's Hospital Women's Pavilion Houston, TX	4/2014-present
Attending Staff	Houston Methodist Hospital Willowbrook Houston, TX	10/2012-8/2013

**Employment (other than positions listed above)**

<i>Title</i>	<i>Institution Name, City, State</i>	<i>Dates</i>
Certified Pharmacy Technician	Target Pharmacy Irving, TX	1999-2001
Birth Certificate Clerk	Health Information System Las Colinas Medical Center Irving, TX	2000-2001

**D. LICENSURE, BOARD CERTIFICATION, MALPRACTICE (if applicable)**

**Licensure**

<i>State</i>	<i>Number</i>	<i>Date of Issue</i>	<i>Date of last Registration</i>
Texas	N7627	09/01/2010	11/03/2010

**DEA Number:** FK4653920

**Board Certification**

<i>Name of Specialty</i>	<i>Board Certificate Number</i>	<i>Date of Certificate</i>
American Board of Urology	18337	02/2014-present
Advanced Trauma Life Support		06/2011
Fundamentals in Microsurgery Methodist Institute for Technology, Innovation and Education (MITIE <sup>SM</sup> ), 36 hrs		06/2009
Fundamentals in Robotic Surgery Methodist Institute for Technology, Innovation and Education (MITIE <sup>SM</sup> )		08/2008
Certified Pharmacy Technician (CPHT) Pharmacy Technician Certification Board, Inc.		11/1999

**Malpractice Insurance**

Do you have Malpractice Insurance? Yes

Name of Provider: The Methodist Hospital Self-Insured Trust

Premiums Paid By: The Methodist Hospital Physicians Organization

**E. PROFESSIONAL MEMBERSHIPS (medical and scientific societies)**

<i>Member/Officer</i>	<i>Name of Organization</i>	<i>Dates Held</i>
Member	Alpha Omega Alpha Honor Medical Society	2004-present
President	Alpha Omega Alpha Honor Medical Society, UTMB chapter	2004-2005
Resident Representative	Society of Women in Urology	2009-2011
Member	International Continence Society	2012-present
Member	Society of Women in Urology	2009-Present
Member	American Urogynecology Society	2011-present
Member	American Urological Association	2005-present
Member	Society of Urodynamics, Female Pelvic Medicine, and Urogenital reconstruction	2014-present

Member	American Medical Student Association	2001-2005
Member	Texas Medical Association	2001-2005
Member	American Medical Association	2001-2005

**F. HONORS AND AWARDS**

*Name of Award* *Year Awarded*

**As Faculty, Houston Methodist Hospital:**

AUA Early Career Investigator Showcase (Third place) Research Scholar Award	May 2016
EAU-AUA International Academic Exchange program 2016 European Tour	March 2016
Houston Methodist Faculty Award for Excellence	February 2016
SUFU Research Foundation Award	November 2015
First Houston Methodist Clinician-Scientist Program Scholar	October 2015
Moran Foundation Publication Award for best paper in Clinical Research	October 2015
Houston Methodist Hospital Faculty Teaching Award in Neuro-Urology	June 2014
CME Dyer and Baucum Fellowship Award	May 2014
2013 Singleton Surgical Society Program (Herbert M. Seybold Lecture in Urology) University of Texas Medical Branch, Galveston Texas	08/2013

**As resident, Scott Department of Urology, Baylor College of Medicine:**

Scott Department of Urology End of 4 <sup>th</sup> year Research Award	June 2009
Society of Women in Urology Research Award, Elisabeth Pickett Research Award Program	Apr 2009
International Volunteers in Urology Scholarship Award	March 2009
Best Residency Abstract: Tehran, Iran.	Oct 2008
Guest lecturer, Tehran Iran, 3 <sup>rd</sup> Congress for Iranian Endourological and Urolaparoscopic Society.	Oct 2008

**As Medical Student, University of Texas Medical Branch:**

Graduated with Highest Honors (Top 3% of the class)	June 2005
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Alpha Omega Alpha Honor Medical Society Membership	June 2005
AMWA's Glasgow-Rubine Achievement citation: given to female medical students graduating as top scholars in their class.	June 2005
Johanna Blumel Memorial Scholarship: The award is based on scholarship, financial need and good citizenship.	June 2005
Isabella H. Brackenridge Scholarship: To female student who has achieved the highest scholastic average in the (1) basic science and (2) clinical sciences.	June 2005
Sir William Osler Scholar finalist. For medical students whose performance And conduct exemplify those ideals of medical practice as promulgated by Sir William Osler.	February 2004
Isabella H. Brackenridge scholarship for women. Annual award is given to the female medical student who at the end of the second year exemplifies outstanding academic performance, service to University of Texas Medical Branch and service to the community.	August 2003
McGraw-Hill/Lang Award. Presented to two outstanding medical students at University of Texas Medical Branch at the end of year one, based on their academic performance, dedication and hard work.	August 2002
"Best Poster in Neuroscience Research" award from University of Texas Medical Branch for research conducted as part of the Medical School Summer Research Program.	July 2002
American Federation of Aging Research (AFAR) scholarship to support an 8-week research at Harvard Medical School, Boston, MA.	May 2002
Society of Iranian American women for Education scholarship.	March 2002
Recipient of the Arthur V. Simmang scholarship, Founders day scholarship luncheon.	October 2001
<b>As Undergraduate Student, University of Texas at Arlington</b>	
Summa Cum Laude with 4.0 GPA	May 2001
All A's Dean's Honor Award	May 2001
University Scholar	April, 2001

**G. INSTITUTIONAL/HOSPITAL AFFILIATION**

Primary Hospital Affiliation:	Houston Methodist Hospital
Other Hospital Affiliations:	Texas Children's Hospital, Women Pavilion
Other Institutional Affiliations:	N/A

**H. EMPLOYMENT STATUS**

Name of Employer: Houston Methodist Hospital-Physicians Organization

Employment Status: Full-time salaried at Cornell-affiliated Hospital

**I. CURRENT AND PAST INSTITUTIONAL RESPONSIBILITIES AND PERCENT EFFORT**

<b><u>Teaching (list courses and your role)</u></b>	<b><u>Dates</u></b>
Teaching faculty: Training Continence, Pelvic Floor Reconstructive surgery, Neurourology Fellow	2012-present
Teaching faculty: Training Urology resident with Baylor College of Medicine, Department of Urology	2011-present
SDU/BCM Mentorship Program Expansion (Mentoring Baylor Urology residents and organizing lectures with contract attorneys, expert billers, etc.)	2013-present
Texas A&M Urology Faculty Advisor for medical students	2016-present
BCM Urology Department Residency Application Process (Involve in the residency candidate review and interview process)	2013-2015
Teaching GU exam to 3 <sup>rd</sup> year Baylor Medical Students (instructor)	2006-2011
Teaching junior residents and medical students during my residency and fellowship	2005-2012

<b><u>Clinical Care</u></b>	<b><u>Dates</u></b>
General Surgery Intern (Veterans affairs, Ben Taub, and St. Luke's Hospitals)	6/2005-6/2006
Urology resident (Veterans affairs, Ben Taub, St. Luke's, Texas Children and Methodist Hospital)	6/2006-6/2011
Surgical Fellow (The Methodist Hospital)	7/2011-09/2012

**Establishing Clinics at Houston Methodist Hospital**

Transitional Urology and Neuro-Urology Clinic (Under mentorships of Drs. Boone and Fletcher I established Transitional Urology and Neuro-Urology Clinic at HMM caring for patients with congenital genitourinary abnormalities and neurological disorders affecting their bladder)	2012-Present
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<b><u>Administrative Duties (including committees)</u></b>	<b><u>Dates</u></b>
Director of Research, Center for Restorative Pelvic Medicine	2013-Present
Director of Neurourology and Transitional Urology Clinic	2012-Present
Surgical subspecialty resident representative for Methodist Hospital Surgical subspecialties	2011-2012

Resident representative for Society of Women in Urology	2009-2011
Resident Representative for PGY1 designated preliminary class	2005-2006
President Alpha Omega Alpha of the local chapter at University of Texas Medical Branch	2004-2005
Vice President, Student Oncology Society at University of Texas Medical Branch	2004-2005
Vice President, Alpha Omega Alpha of the local chapter at University of Texas Medical Branch	2003-2004
Secretary, Phi Rho Sigma Medical Coed Fraternity, UTMB	2002-2003
Student Host for the National Research Forum (NSRF) at University of Texas Medical Branch	2003

**Organizing Conferences/Symposiums**

Below the Belt Line 2016: Insider's Guide to Pelvic Health. April 2016  
 (Directed a symposium with CNE and CME credits for physicians, nurses, and other health care providers interested in treating pelvic floor disorders. Over 60 registrants)

Houston Women in Urology 2013-present  
 (Organizing an educational/social gathering for all females including urologists, medical students, residents, fellows in the field of Urology quarterly in the Houston and surrounding areas)

HMH, Center for Restorative Pelvic Medicine 1st Annual Reeves Research Competition June 2010  
 (Bringing medical students from A&M, Baylor and UT Houston to compete with their research presentations on Pelvic floor abnormalities)

Below the Belt Line: 2015 Insider's Guide to Pelvic Health. February 2015  
 (Directed a symposium with CNE credits for physicians, nurses, and other health care providers interested in treating pelvic floor disorders. 80 registrants)

2014 Arnold Visiting Professor Lectureship April 2014  
 (Organized and moderated the Annual 2014 Visiting Lectureship in Restorative Pelvic Medicine)

**Lectures (excluding the professional meetings)**

2nd Annual Advances in Robotic Intracorporeal Reconstruction Course Mar 2015  
 (Faculty-Neurogenic Bladder)

Urodynamics Lecture Feb 2015  
 (For Baylor Urology residents as a part of their Urology Core Curriculum)

Methodist/Baylor Urology Grand Rounds Lecture Dec 2014  
 (Addressing the vault in pelvic organ prolapse repair: Native tissue repair or augmentation)

CRPM lecture series with BCM Urology Department Oct 2014  
 (The Fate of Transitional Urology Patients Referred to a Tertiary Transitional Care Center)

UT Houston Division of Urology Grand Rounds Lecture Sep 2014  
 (Pelvic Organ Prolapse Repair: Native tissue repair or augmentation)

Methodist/Baylor Journal Club August 2014  
 (Hosting and mentoring the annual journal club in Pelvic Floor Dysfunction)

Methodist/Baylor Urology Grand Rounds June 2014



(Underactive Bladder)

Houston Methodist ObGyn Grand Rounds Lecture  
(Vault in Pelvic Organ Prolapse) March 2014

Methodist/Baylor Urology Grand Rounds  
(Panel discussion on Complex slings and Impaired Detrusor Contractility) Jan 2014

Baylor Department of OBGYN Grand Round Lecture Series  
(Advances in Pelvic Organ Prolapse) October 2013

20<sup>th</sup> Innovations in Urologic Practice, BCM  
(Faculty-Male Stress Urinary Incontinence) Sep 2013

Herbert M. Seybold Lecturer in Urology, UTMB, Galveston Texas  
2013 Singleton Surgical Society Program (Herbert M. Seybold Lecturer in Urology) August 2013

**Research**

**Dates**

"Neuroimaging using functional Magnetic Resonance Imaging with concurrent Urodynamic Studies during voiding in patients with Neurogenic Bladder and Dysfunctional Voiding". IRB approved clinical trial. Recruitment started. Jan 2014.

"Transitional Urology Outcome" studies. IRB approved and ongoing

"The Brain-Bladder connection in patients with Multiple Sclerosis" and "Higher neural effects of Botulinum Toxin A". IRB approved and ongoing.

"A double-blind, randomized, controlled trial comparing the safety and efficacy of AMDC-USR with placebo in female subjects with stress urinary incontinence". IRB approved and recruiting. 4/2014

"A Pilot Randomized Controlled Trial Assessing Impact of Music or Distraction Tasks During Urodynamics Evaluation". IRB approved clinical trial. Recruitment started Jan 2014.

"Electromotive intravesical administration of Onabotulinum type A (Botox) in rats with neurogenic bladder." IRB approved and ongoing.

"Nerve growth Factor (NGF) and obstructed females" IRB approved clinical trial. Completed.

"Neural Correlates of Micturition via Concurrent Functional Magnetic Resonance Imaging and Urodynamics in normal healthy females". IRB approved clinical trial. 2011-2013. Completed.

"Ampyra and lower urinary tract symptoms in patients with multiple sclerosis" IRB approved clinical trial at the Methodist Hospital. 9/2012- present.

"Cranberry supplement in patients with multiple sclerosis who are catheterizing their bladders" IRB approved clinical trial at The Methodist Hospital. 1/2012-present

"Prophylactic stent placement during vaginal uterosacral ligament suspension" IRB approved randomized clinical trial at The Methodist Hospital. 2011-Present

"A unique modification to augmentation cystoplasty with catheterizable stoma for neurogenic patients: technique and long term results" Advisors; Drs. Timothy Boone and Sophie Fletcher. July 2011-Current

"Tips and tricks to improve Robotically Assisted Laparoscopic Sacrocolpopexy" Advisor: Dr. Sophie Fletcher. Completed.

"Impaired detrusor contractility and surgical treatment for stress urinary incontinence" Advisors: Drs. Sophie Fletcher and Ricardo Gonzalez. July 2011-Current

"Selective COX-2 inhibitor combined with androgen blockade will delay prostate cancer progression and metastasis in *in vivo* animal models" Advisors: Drs. D Lamb, and M Ittmann. July 2008-2010

"Isolation of rare cells using Microfluidic Nanotechnology" Advisor: Dr. D Lamb. July 2008-2010

"Fellow or Foe: The Impact of Fellowship Training Programs on the Education Urology Residents in the USA & Canada" Advisor: Dr. Ethan Grober and Michael Coburn. November 2007

"Comparison of Voiding Cystourethrography and Cystoscopic Findings of Type III Posterior Urethral Valves. A Retrospective Review." Advisor: Carlos Angel, MD. Volunteered in data gathering. July 2004

"Renal Artery Thrombosis. A complication Following Laparoscopy-Assisted Ureteronephrectomy. A Case Report" Advisor: Eduardo Orihuela, MD. Volunteered in the chart review. July 2004

"Combined Laparoscopy-Assisted Splenectomy and Urachal Cyst Excision using the Same Ports." Advisor: Gabriel Rodriguez, MD. Volunteered to assist in the chart review. June 2004

"Chronic Pancreatitis Pain Neuroreceptors" Advisor: Jay Pasricha, MD, Department of Gastroenterology at University of Texas Medical Branch. Volunteered. 2002-2003

"Regional Differences in Dynamic Cerebral Autoregulation during Orthostatic Stress in Elderly Subjects." Advisor: Lewis A. Lipsitz, MD, at Harvard Medical School Division on Aging and HRCA Research and Training Institute, Boston, MA. Published. May 2002:

"Trans Membrane Zinc Transporter in Salmonella. Advisor: Dr. Smith, PhD, Department of Microbiology at University of Texas in Arlington. Volunteered. 2000-2001:

**Current Percent Effort (%)**

Teaching	10
Clinical Care	40
Administration	10
Research	30
Total:	100

**Does the activity involve WCMC Students/researchers? (Yes/No)**

Yes  
Yes  
No  
No

**J. RESEARCH SUPPORT (past and present)**

Houston Methodist Faculty Award for Excellence Feb 2016

Society of Urodynamics, Female Pelvic Medicine, and Urological Reconstruction Research Foundation award Nov 2015

Houston Methodist Clinician Scientist Scholar Program	Oct 2015
K12 KURE program. NIH/NDDK. Two year grant. Advisors: Boone and Lamb	Dec 2014
Allergan: Electromotive intravesical administration Of Onabotulinum type A (Botox) in rats with neurogenic bladder.	Feb 2014
Dyer and Baucum Fellowship Award. To evaluate transperineal US in Pelvic Organ Prolapse and Urinary Incontinence	Apr 2014
Society of Women in Urology Research Award, Elisabeth Pickett Research Award Program, supporting my research in "Isolation of rare cells using Microfluidic Nanotechnology" Advisor: Dr. D Lamb	Apr 2009
American Federation of Aging Research (AFAR) scholarship to support an 8-week research at Harvard Medical School, Boston, MA. Supporting my research in "Regional Differences in Dynamic Cerebral Autoregulation during Orthostatic Stress in Elderly Subjects." Advisor: Lewis A. Lipsitz, MD, at Harvard Medical School Division on Aging and HRCA Research and Training Institute, Boston, MA	May 2002

**K. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES**

Establishing Methodist Neurourology and Transitional Urology Care Clinic	2012-present
Resident Representative for PGY1 designated preliminary class.	2005-2006
Alpha Omega Alpha, President of the local chapter at University of Texas Medical Branch	2004-2005
Student Oncology Society at University of Texas Medical Branch, Vice President	2004-2005
Alpha Omega Alpha, Vice President of the local chapter at University of Texas Medical Branch	2003-2004
Student Host for the National Research Forum (NSRF) at University of Texas Medical Branch	2003
Phi Rho Sigma Medical Coed Fraternity, Secretary, University of Texas Medical Branch	2002-2003
Student Surgical Society member at University of Texas Medical Branch	2001-2005

**Volunteer experience:**

International Volunteers in Urology- Trip to India with Dr. Gopal Badlani	October 2009
Assisted with updating and managing <a href="http://www.drbrbrianmiles.com">www.drbrbrianmiles.com</a> website	July 2008-July 2009
Participated in Methodist Prostate Cancer Screening	September 2009

Master of Ceremony (MC) at the annual reception for Iranian American Women for Education in Houston, TX.	March 2007
Volunteered for teaching Genitourinary physical exam to medical students at Baylor College of Medicine	October 2006-2009
Visited and Volunteered at Sina Hospital, Tehran Iran, Urology Department	May 2006
Volunteered for STATS: (Student Teaching AIDS To Students) teaching AIDS awareness to local high school at Galveston, TX	2002-2003
Volunteered at St. Vincent's free clinic in Galveston, TX, Teaching to the Freshman, Sophomore, Junior Medical students	2001-Present
Counselor at a camp for kids with kidney disease by National Kidney Foundation, Meridian, TX.	2000, 2001

## L. **BIBLIOGRAPHY**

### **Book Chapters**

Care of the Adult with a Chronic Childhood Condition: A Practical Guide (Chapter on Primary Care for Adult Spina Bifida)	2015-2016
Early Return of Urinary Continence and Erectile Function After Robotic Radical Prostatectomy (Chapter 8: Adjunctive Measures and New Therapies to optimize Early and Late return of Urinary Continence)	2015-2016
Couples' Sex Health (Chapter on Infertility and Sexual Dysfunction in the Couple)	2014-2015
Minimally Invasive Therapy for Urinary Incontinence and Pelvic Organ Prolapse (Chapter8. The Artificial Urinary Sphincter)	2013-2014

### **Peer Reviewed Articles**

1. Peng Y, He J, **Khavari R**, Boone TB, Zhang Y. Functional mapping of the pelvic floor and sphincter muscles from high-density surface EMG recordings. *Int Urogynecol J*. 2016 May 18.
2. **Khavari R**, Boone T. Bladder Dysfunction in 2015: Novel findings continue to challenge researchers and clinicians. *Nat Rev Urol*. 2016 Feb;13(2):69-70
3. Peng Y, **Khavari R**, Nakib NA, Boone TB, Zhang Y. Assessment of urethral support using MRI-derived computational modeling of the female pelvis. *Int Urogynecol J*. 2016 Feb;27(2):205-12.
4. Scovell J, Fletcher S, Stewart J, **Khavari R**. A Prospective Randomized Double-Blinded Placebo Control Trial on the Effects of Cranberry Supplementation on Bacterial Colonization and Symptomatic Urinary Tract Infections in Females with Neurogenic Bladder Dysfunction Dependent on Self Catheterization. Submitted for publication.

5. **Khavari R**, Tokaz M, Stewart J, Boone TB. Pelvic Organ Prolapse in Female Patients Presenting to Transitional Urology Care Clinic. **Khavari R**, Tokaz MC, Stewart JN, Boone TB. J Urol. 2015 Dec;194(6):1654-8.
6. Peng Y, **Khavari R**, Nakib NA, Stewart JN, Boone TB, Zhang Y. The Single-Incision Sling to Treat Female Stress Urinary Incontinence: A Dynamic Computational Study of Outcomes and Risk Factors. J Biomech Eng. 2015 Sep;137(9).
7. **Khavari R**, Boone T. Imaging: CNS changes in interstitial cystitis/painful bladder syndrome. Nat Rev Urol. 2015 Jul;12(7):365-6.
8. Chan R, Scovell J, Jeng Z, Rajanahally S, Boone T, **Khavari R**. The fate of transitional urology patients referred to a tertiary transitional care center. Urology. 2014 Dec;84(6):1544-8.
9. **Khavari R**, Sathyamoorthy K, Zuriwan J, Chan R, Gonzalez R, Fletcher S. Impaired detrusor contractility and the treatment of female stress urinary incontinence. Gynecol Obstet (Sunnyvale) 2014 Aug 27;4-8.
10. Chan, R, Rajanahally, S, Hollander, A, **Khavari, R**. Urethral Diverticulum After Midurethral Sling Erosion, Excision, and Subsequent Management. Female Pelvic Med Reconstr Surg. 2014 Sept 2.
11. Chan, R, Munoz, A, Wenker, EP, Stewart, J, **Khavari, R**. The Association of Urinary Nerve Growth Factor Levels with Bladder Outlet Obstruction in Women. Female Pelvic Med Reconstr Surg. 2014 Sept 2.
12. Shy M, Fung S, Boone TB, Karmonik C, Fletcher SG, **Khavari R**. Functional Magnetic Resonance Imaging during Urodynamic Testing Identifies Brain Structures Initiating Micturition. J Urol. 2014 Apr 21.
13. Scovell JM, Chan RC, **Khavari R**. Prolapse of a single system large ureterocele containing multiple stones in a pregnant woman. Urology. 2014 Mar;83(3):e3-4
14. Choi JM, Nguyen V, **Khavari R**, Reeves K, Snyder M, Fletcher SG. Complex rectovaginal fistulas after pelvic organ prolapse repair with synthetic mesh: a multidisciplinary approach to evaluation and management. Female Pelvic Med Reconstr Surg. 2012 Nov-Dec;18(6):366-71.
15. **Khavari R**, Fletcher SG, Liu J, Boone TB. A Modification to Augmentation Cystoplasty with Catheterizable Stoma for Neurogenic Patients; Technique and Long Term Results; Urology. 2012 Jun 14.
16. **Khavari R**, Bayne A, Roth D. A Report of an Iatrogenic Bladder Rupture in a Normal Healthy Child during Voiding Cystourethrography. Urology. 2010 Mar;75(3):684-6.
17. Sandeep Mistry, **Rose Khavari**, Gustavo Ayala, Wesley Mayer, and Brian Miles. Who is Too Old to Test: Prostate cancer in Elderly Men Can Urol Assoc J. 2009 June; 3(3): 205–210
18. **Khavari R**, Stamatakis L, Miles B. Robotic-assisted laparoscopic prostatectomy performed in a patient with severe thrombocytopenia due to primary myelofibrosis. Can Urol Assoc J. 2009 August; 3(4).
19. Snodgrass WT. **Khavari R**. Prior circumcision does not complicate repair of hypospadias with an intact prepuce. Journal of Urology. 176(1):296-8, 2006 Jul.

20. Sorond FA, **Khavari R**, Serrador JM, Lipsitz LA. Regional cerebral autoregulation during orthostatic stress: age-related differences. [Journal Article] Journals of Gerontology Series A-Biological Sciences & Medical Sciences. 60(11):1484-7, 2005 Nov.

## **Presentations**

### *American Urological Association; May 2016*

A Fluid Structure Interaction Simulation of Fecal Incontinence. Yun Peng, Leila Neshatian, **Rose Khavari**, Timothy Boone, Yingchun Zhang. Podium

Urethral Mobility Study with a Computational Model of the Male Pelvis. Nicholas Dias, Yun Peng, Brian Miles, **Rose Khavari**, Vivian MacDonnell, Timothy Boone, Yingchun Zhang. Podium

Trends in Supraspinal Variation in Patients with Multiple Sclerosis and Detrusor Sphincter Dyssnergia. **Rose Khavari**, Christof Karmonik, Thomas Potter, Michael Shy, Sophie Fletcher, Timothy Boone. Moderated Poster

### *Society of Urodynamic and Female Urology: February 2016*

Panel: Guidelines for the Care of Patients with Neurogenic Bladder Conditions

Panelist: What are the Risks of LUT Surgery in Patients with Neurogenic Bladder Conditions?

Breakout sessions: Congenitalism

Speaker on Pelvic Organ Prolapse in adult spina bifida

HIGHER NEURAL CORRELATES AT FULL URGE IN PATIENTS WITH MULTIPLE SCLEROSIS WITH NEUROGENIC BLADDER DYSFUNCTION VIA CONCURRENT FUNCTIONAL MAGNETIC RESONANCE IMAGING (fMRI) AND URODYNAMIC TESTING (UDS). **Rose Khavari**, Mike Shy, Christof Karmonik, Steve Fung, Timothy Boone. Moderated poster

FUNCTIONAL MAGNETIC RESONANCE IMAGING (fMRI) DURING URODYNAMIC TESTING (UDS) IDENTIFIES BRAIN STRUCTURES INITIATING VOIDING IN PATIENTS WITH MULTIPLE SCLEROSIS. **Rose Khavari**, Mike Shy, Christof Karmonik, Steve Fung, Timothy Boone. Poster

COMPREHENSIVE CHARACTERIZATION OF INNERVATION ZONES OF THE PELVIC FLOOR AND ANAL SPHINCTER WITH HIGH-DENSITY INTRARECTAL AND INTRAVAGINAL EMG PROBES

Yun Peng; **Rose Khavari**; Timothy Boone, Yingchun Zhang. Podium

### *South Central Section of AUA: October 2015.*

Higher Neural Correlates Following Intravesical Botulinum Toxin- A in Multiple Sclerosis (MS) Patients via Concurrent Functional Magnetic Resonance Imaging (fMRI) and Urodynamic Studies (UDS). **Rose Khavari**, Mike Shy, Christof Karmonik, Steve Fung, Timothy Boone. Podium

Higher Neural Correlates at Initiation of Voiding in Patients with Multiple Sclerosis with Neurogenic Bladder Dysfunction via Concurrent Functional Magnetic Resonance Imaging (fMRI) and Urodynamic Studies. **Rose Khavari**, Mike Shy, Christof Karmonik, Steve Fung, Timothy Boone. Podium (first place, Resident competition)

A Prospective Randomized Double-Blinded Placebo Control Trial on the Effects of Cranberry Supplementation on Bacterial Colonization and Symptomatic Urinary Tract Infections in Females with Neurogenic Bladder Dysfunction Dependent on Self Catheterization. **Rose Khavari**, Jason Scovell, Sophie Fletcher, Julie Stewart. Podium

Pelvic Organ Prolapse in Female Patients Presenting to Transitional Urology Care Clinic. **Rose Khavari**, Julie Stewart, Timothy Boone. Podium

Initial Outcomes with Robotic Intracorporeal Indiana Pouch and Indiana Augmentation Cystoplasty. Samit Soni, **Rose Khavari**, Alvin Goh. Poster

International Continence Society: October 2015.

Higher Neural Correlates Following Intravesical Botulinum Toxin- A in Multiple Sclerosis (MS) Patients via Concurrent Functional Magnetic Resonance Imaging (fMRI) and Urodynamic Studies (UDS). Mike Shy, Christof Karmonik, Steve Fung, Timothy Boone, **Rose Khavari**. Podium

Higher Neural Correlates at Initiation of Voiding in Patients with Multiple Sclerosis with Neurogenic Bladder Dysfunction via Concurrent Functional Magnetic Resonance Imaging (fMRI) and Urodynamic Studies. Mike Shy, Christof Karmonik, Steve Fung, Timothy Boone, **Rose Khavari**. Podium

Identification of Innervation Zones of the Pelvic Floor Muscle from Noninvasive High-Density Intra-Vaginal/Rectal Surface EMG Recordings. Yun Peng, **Rose Khavari**, Julie Stewart, Timothy Boone and Yingchun Zhang. Poster

Pelvic Organ Prolapse in Female Patients Presenting to Transitional Urology Care Clinic. **Rose Khavari**, Julie Stewart, Timothy Boone. Moderated Poster

American Urological Association: May 2015.

Higher Neural Correlates Following Intravesical Botulinum Toxin- A in Multiple Sclerosis (MS) Patients via Concurrent Functional Magnetic Resonance Imaging (fMRI) and Urodynamic Studies (UDS). Mike Shy, Christof Karmonik, Steve Fung, Timothy Boone, **Rose Khavari**. Podium

Higher Neural Correlates at Initiation of Voiding in Patients with Multiple Sclerosis with Neurogenic Bladder Dysfunction via Concurrent Functional Magnetic Resonance Imaging (fMRI) and Urodynamic Studies. Mike Shy, Christof Karmonik, Steve Fung, Timothy Boone, **Rose Khavari**. Podium

A Prospective Randomized Double-Blinded Placebo Control Trial on the Effects of Cranberry Supplementation on Bacterial Colonization and Symptomatic Urinary Tract Infections in Females with Neurogenic Bladder Dysfunction Dependent on Self Catheterization. Jason Scovell, Sophie Fletcher, Julie Stewart, **Rose Khavari**. Podium

Identification of Innervation Zones of the Pelvic Floor Muscle from Noninvasive High-Density Intra-Vaginal/Rectal Surface EMG Recordings. Yun Peng, **Rose Khavari**, Julie Stewart, Timothy Boone and Yingchun Zhang

Initial Outcomes with Robotic Intracorporeal Indiana Pouch and Indiana Augmentation Cystoplasty. Samit Soni, **Rose Khavari**, Alvin Goh

Video: Step-By-Step Approach for Robotic Intracorporeal Continent Ileocecal Augmentation Cystoplasty. Samit Soni, **Rose Khavari**, Alvin Goh

Society of Urodynamic and Female Urology: February 2015

COMPARISON OF FEMALE PELVIC FLOOR DEFORMATION BETWEEN JUMPING AND VALSALVA MANEUVER. Yun Peng <sup>1</sup>, **Rose Khavari MD**<sup>2</sup>, Julie Stewart MD<sup>2</sup>, Timothy Boone MD, PhD<sup>2</sup> and Yingchun Zhang PhD<sup>1</sup> (<sup>1</sup>University of Houston; <sup>2</sup>Houston Methodist Hospital)

NIH/NIDDK "Research Needs for Effective Transition in Lifelong Care of Congenital Genitourinary Conditions". January 2015

Pelvic Organ Prolapse in Female Patients Presenting to Transitional Urology Care Clinic. **Rose Khavari**, Julie Stewart, Timothy Boone

American Urological Association: May 2014

Robotic Assisted Laparoscopic Takedown of Urethropexy Sutures and Antegrade Urethrolisis with Omental Interposition. Robert Chan MD, Zach Jeng BA, Alvin Goh MD and **Rose Khavari MD**

Concurrent Excision of Mid-Urethral Sling During Repeat Mid-Urethral Sling Is Not Associated with Continence Outcomes. Robert Chan, Jason Scovell, William Johnson, **Rose Khavari**, and Danielle Antosh

Randomized Controlled Trial of Prophylactic Ureteral Stent Placement Before Uterosacral Ligament Suspension. Robert Chan, Sophie Fletcher, Danielle Antosh, **Rose Khavari**, Julie Stewart, Jonathan Zurawin, Juan Flores, Jiong Chen, and Keith Reeves

The Fate of Transitional Urology Patients Referred to a Tertiary Transitional Care Center. Robert Chan MD, Jason Scovell BS, Zach Jeng BA, Saneal Rajanahally BS, Timothy Boone MD, PhD, and **Rose Khavari MD**  
Can Urinary Nerve Growth Factor (NGF) Be Used As A Biomarker In Anatomically Obstructed Female Patients? Robert Chan, Julie Stewart, Alvaro Munoz, Evan Wenker, Timothy Boone, and **Rose Khavari**

*Society of Urodynamic and Female Urology: February 2013*

The Fate of Transitional Urology Patients Referred to a Tertiary Transitional Care Center  
Robert Chan, Jason Scovell, Zach Jeng, Saneal Rajanahally, Timothy Boone, and Rose Khavari  
Urinary Nerve Growth Factor Levels are Increased in Females with Bladder Outlet Obstruction  
Julie Stewart, Rose Khavari, Robert Chan, Alvaro Munoz, Timothy Boone, and Sophie Fletcher  
Robotically Assisted antegrade takedown of retropubic urethropexy. Robert Chan, Rose Khavari

*Innovations in Urologic Surgery, Baylor College of Medicine.* September 2013. VOIDING DYSFUNCTION/Renal Transplant. Moderator: Rose Khavari, MD. Male Stress Urinary Incontinence: Where Do We Stand in the Year 2013? Rose Khavari, MD.

*International Continence Society: August 2013*

Robotic Uterosacral Ligament suspension: Proximity of the ureters and the uterosacral ligaments. Anatomy reviewed. Khavari R1, Fletcher S, Hall H.  
Modifications to the technique and set up used in a vaginal high uterosacral ligament suspension. Khavari R, Fletcher S, Reeves K.  
Identification of Neural Correlates of Voiding by Concurrent Functional Magnetic Resonance Imaging and Urodynamics. Michael Shy, Rose Khavari, Steve Fung, Timothy B Boone, Christof Karmonik and Sophie G Fletcher.

*American Urological Society May 2013:* Robotic Uterosacral Ligament suspension: Proximity of the ureters and the uterosacral ligaments. Anatomy reviewed. Rose Khavari; Sophie Fletcher; Hailey Hall

*American Urological Society May 2012:* A unique modification to augmentation cystoplasty with catheterizable stoma for neurogenic patients: technique and long term results. Judy Choi, Rose Khavari, Sophie Fletcher.  
Robotic Sacrocolpopexy: Use of barbed sutures: Introduction and Objectives. Rose Khavari, Judy Choi, Sophie Fletcher.

*American Urological Association South Central Section October 2012:* Presented two podiums: 1. Impaired detrusor contractility and surgical treatment for stress urinary incontinence and 2. Modified Indiana Augmentation cystoplasty in neurogenic patients. Presented one poster: Multiple sclerosis presenting to urologist as their isolated initial symptom.

*American Urological Association May 2011:* Presented a video on Robotic Assisted Laparoscopic Sacrocolpopexy using barbed suture. May 2011

*Society of Urodynamic and Female Urology 2011:* Modified Indiana Augmentation cystoplasty in neurogenic patients. February 2011

*South Central Section AUA meeting 2011:* presented my report on mission trip through International Volunteers in Urology to India. September 2010

*American Urological Association 2009:* Presented my research project at SWIU

*Canadian Urological Association 2008:* Edmonton, Alberta: Moderated Poster and presentation: Fellow of Foe, the impact of fellowship training programs on the education urology residents in the United States and Canada. June 2008



**Ongoing Research Support**

NIH-NIDDK- K12 KURE 5K12DK0803014

12/01/2014-11/30/2015

Understanding Central Neural Activity and Regional Connectivity involved in Neurogenic Bladder Dysfunction During Micturition Cycle

Advisors: Dolores Lamb and Timothy B Boone

Role: PI

Industry funding: Allergan

2/2014-12/2015

Electromotive intravesical administration of Onabotulinum type A (Botox) in rats with neurogenic bladder.

Role: PI

Institutional Award: Dyer and Baucum Fellowship Award.

4/2014-12/2015

To evaluate and train ultrasound use in Pelvis anatomy

A handwritten signature in cursive script, appearing to read "Khami".

Signature: