



**PARVIZ K. KAVOUSSI, M.D., F.A.C.S.
REPRODUCTIVE UROLOGIST**

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POSTDOCTORAL TRAINING

THE UNIVERSITY OF VIRGINIA HEALTH SCIENCES CENTER. Charlottesville, Virginia.

Fellowship- Reproductive Urology/Andrology – Male Infertility, Sexual Medicine, and Microsurgery (Vasectomy Reversals/Sperm Retrievals). National Institute of Health funded fellow. July 2008-June 2010.

BAYLOR SCOTT & WHITE MEMORIAL HOSPITAL AND HEALTH SCIENCES CENTER. Temple, Texas.

Residency- Urology- July 2004-June 2008.

General Surgery July 2002-June 2004

EDUCATION

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON. Galveston, Texas.

Doctor of Medicine. August 1998-May 2002.

BAYLOR UNIVERSITY. Waco, Texas.

Bachelor of Arts, degree in Biology. August 1994-May 1998.

BOARD CERTIFICATION

The American Board of Urology

ACADEMIC APPOINTMENTS

- Adjunct Assistant Professor. Department of Urology. University of Texas Health Sciences Center at San Antonio. September 2015-present.
- Adjunct Assistant Professor. Department of Psychology, Division of Neuroendocrinology and Motivation. University of Texas at Austin. March 2013-present.

SPECIALTY CREDENTIALS

RAMSES. Credentialed in Robot Assisted Microsurgery in Urology/Robot Assisted Vasectomy Reversals by RAMSES (Robot Assisted Microsurgical and Endoscopic Society). Winter Haven Hospital & University of Florida. April 2011.

LABORATORY EXPERIENCE

- Basic science laboratory research in the Department of Urology at University of Virginia funded via NIH training grant. July 2008-June 2010.

PUBLICATIONS

- Cuellar DC, **Kavoussi PK**, Baker LA, Docimo SG. Open laparoscopic access using a radially dilating trocar: experience and indications in 50 consecutive cases. *Journal of Endourology*. 2000 November;14(9):755-756.
- Fugita OE, Jarrett TW, **Kavoussi P**, Kavoussi LR. Laparoscopic treatment of retroperitoneal fibrosis. *Journal of Endourology*. 2002 October;16(8):571-574.
- Pinto PA, Montgomery RA, Ryan B, Roberts W, HSU T, **Kavoussi P**, Klein AS, Kavoussi LR, Molmenti EP. Laparoscopic procurement model for living donor liver transplantation. *Clinical Transplantation*. 2003;17 Suppl 9:39-43.
- **Kavoussi PK**, Hermans MR. Testicular trauma secondary to less-lethal kinetic energy munitions. *Urology*. 2006; June;67(6):1290.
- Bird ET, **Kavoussi PK**. Male infertility: Highlights from AUA 2006. www.medscape.com. 2006 July.
- **Kavoussi PK**, Bird ET. Repair of a scrotal wound defect after Fournier's gangrene: a novel approach. *Issues in Urology*. 2007; March/April;19(2): 75-77.
- Bird ET, **Kavoussi PK**. Instructional video for no scalpel vasectomy. <http://www.brightcove.com/title.jsp?title=307719465&channel=301783375>
- **Kavoussi PK**, Coffield KS, Hermans MR. A prospective evaluation of a single center's experience with the greenlight laser for photoselective vaporization of the prostate. *The Canadian Journal of Urology*. 2007 December,14(6): 3790.
- **Kavoussi PK**, Hermans MR. Maintenance of erectile function after photoselective vaporization of the prostate for obstructive benign prostatic hyperplasia. *Journal of Sexual Medicine*. 2008; November;5(11):2669-71.
- **Kavoussi PK**, Bird ET. Validation of a vasoepididymostomy predictor model. *Fertility and Sterility*. 2009 Jul;92(1):180-1.
- Lysiak JJ, **Kavoussi PK**, Ellati RT, Steers WD, Annex B. Angiogenesis therapy for the treatment of erectile dysfunction. *Journal of Sexual Medicine*. 2010 Jul;7(7):2554-63.
- Ellati RT, **Kavoussi PK**, Turner TT, Lysiak JJ. Twist and shout: A clinical and experimental review of testicular torsion. *Korean Journal of Urology*. 2009 December;50(12):1159-1167.

- Turner TT, Mammen T, **Kavoussi PK**, Lysiak JJ, Costabile RA. Cytokine responses to E. coli-induced epididymitis in the rat: blockade by vasectomy. *Urology*. 2011 Jun;77(6):1507.e9-1507.e14.
- **Kavoussi PK**, Bird ET. Validation of a vasoepididymostomy predictor model. *Urological Survey in Male Infertility*. *Journal of Urology*. 2010 Apr;183(4): 1502-3.
- Smith RP, Lowe GJ, **Kavoussi PK**, Steers WD, Costabile RA, Herr JC, Shetty J, Lysiak JJ. Confocal fluorescent microscopy in a murine model of microdissection testicular sperm extraction to improve sperm retrieval. *Journal of Urology*. 2012 May;187(5):1918-1923.
- **Kavoussi PK**, Straub AC, Steers WD, Costabile RA, Isakson B, Lysiak JJ. Burning bridges: cavernous nerve resection affects myoendothelial junctions and erectile function. *AUA News*. 2010. November; 15(11): 14-15.
- **Kavoussi PK**. Having Klinefelter's Syndrome does not mean it is impossible to father children. *XXtraordinaryY News*. 2010; November: 2.
- Ellati RT, Dokun AO, **Kavoussi PK**, Steers WD, Annex BH, Lysiak JJ. Increased phosphodiesterase type 5 levels in a mouse model of type 2 diabetes mellitus. *Journal of Sexual Medicine*. 2013 Feb;10(2):362-9.
- **Kavoussi PK**. Stay lean and keep your testosterone. *Austin Fit Magazine*. October 2011.
- Smith RP, Tracy CR, **Kavoussi PK**, Witmer M, Costabile RA. The impact of color Doppler ultrasound on treatment patterns of epididymitis in a university based healthcare system. *Indian Journal of Urology*. 2013 January;29(1):22-6.
- **Kavoussi PK**. The juice isn't worth the squeeze-what you don't know about anabolic steroids can hurt you. *Austin Fit Magazine*. November 2012.
- **Kavoussi PK**, Costabile RA. Orchialgia and the chronic pelvic pain syndrome. *World Journal of Urology*. 2013 Aug;31(4)773-8.
- **Kavoussi PK**, Kavoussi SK. Exercise and conception: Fitness levels can impact male and female fertility. *Austin Fit Magazine*. February 2013.
- **Kavoussi PK**. Physiology and management of the hydrocele. *AUA Update Series*. Volume 32. 2013.
- **Kavoussi PK**. Reversing the vasectomy: surgeons and robots help men become fathers. *Austin Fit Magazine*. June 2013.
- **Kavoussi PK**, Kavoussi SK. Fitness improves outcomes for infertile couples: assisted reproductive technologies benefit from better health. *Austin Fit Magazine*. April 2014.
- Oliver JL, **Kavoussi PK**, Smith RP, Corbett S, Costabile RA, Palmer LA, Lysiak JL. The role of regulatory proteins and S-nitrosylation of endothelial nitric oxide synthase in the human clitoris: implications for female sexual function. *Journal of Sexual Medicine*. 2014 Aug;11(8):1927-35.
- **Kavoussi PK**, Heberlein K, Straub AC, Low GJ, Oliver JL, Smith RP, Steers WD, Annex BH, Isakson BE, Lysiak JJ. Recombinant PAI-1 therapy restores myoendothelial junctions and erectile function in PAI-1 deficient mice. *Andrologia* 2015 Dec;47(10):1147-52.
- **Kavoussi PK**. Validation of robot-assisted vasectomy reversal. *Asian Journal of Andrology*. 2015 Mar-Apr;(17):245-7.
- Barbery CE, Celigoj FA, Turner SD, Smith RP, **Kavoussi PK**, Annex BH, Lysiak JJ. Alterations in microRNA expression in a murine model of diet-induced vasculogenic erectile dysfunction. *Journal of Sexual Medicine*. 2015 Mar;12(3):621-30.

- **Kavoussi PK.** Vasectomy reversal: a review of the evaluation, techniques, and outcomes. *World Journal of Clinical Urology.* 2105 Mar 24;4(1):48-55.
- **Kavoussi PK,** Odenwald KC, Summers-Colquitt RB, Swain JE, Pool TB, Kavoussi SK. Live birth following donor oocyte IVF/ICSI with surplus cryopreserved MicroTESE retrieved sperm: a case report. *Journal of Assisted Reproduction and Genetics.* 2015 Mar;32(3):485-6.
- Kavoussi SK, Odenwald KC, Summers-Colquitt RB, **Kavoussi PK,** Kavoussi KM, Shelinbarger CL, Pool TB. Live birth following IVF/ICSI using oocytes from donor who was conceived via IVF: a case report. *Journal of Assisted Reproduction and Genetics.* 2015 Nov;32(11):1677-8.
- **Kavoussi PK,** Summers-Colquitt RB, Odenwald KC, Kressin M, Kavoussi KM, Pool TB, Kavoussi SK. Sperm retrieval and concomitant tumor resection in azoospermic men with congenital adrenal hyperplasia and bilateral testicular adrenal rest tumors: a case report. *Journal of Assisted Reproduction and Genetics.* 2016 Apr;33(4):545-8.
- Wheeler KM, Smith RP, Kumar RA, Setia S, Costabile RA, **Kavoussi PK.** A comparison of secondary polycythemia in hypogonadal men treated with clomiphene citrate versus testosterone replacement: a multi-institutional study. *Journal of Urology.* 2017 Apr;197(4):1127-1131.
- **Kavoussi PK,** Calixte N, Brahmabhatt J, Parekattil S. Robot assisted microsurgery for chronic orchialgia. *Translational Andrology and Urology.* 2017 May;6(Suppl 1):S6-S9.
- Wheeler KM, Sharma D, Smith RP, **Kavoussi PK,** Costabile RA. A review of clomiphene citrate for treatment of hypogonadism. (Accepted for publication by *Reviews in Sexual Medicine*)
- **Kavoussi PK,** Smith RP, Oliver JL, Costabile RA, Steers WD, Brown-Steinke K, deRonde K, Lysiak JJ, Palmer LA. S-nitrosylation of endothelial nitric oxide synthase alters erectile function. (Submitted for publication)

TEXTBOOK EDITOR-IN-CHIEF

- *Clinical Urologic Endocrinology: Principles for Men's Health*, 1st edition. Springer Co. **Kavoussi,** Costabile, Salonia, eds.

TEXTBOOK CHAPTERS

- **Kavoussi PK,** Costabile RA. Chapter 37, Surgery of the Scrotum and Seminal Vesicles. *Campbell-Walsh Urology*, 10th edition. Saunders Co. Wein, Kavoussi, Partin, Peters, eds.
- **Kavoussi PK,** Costabile RA. Chapter 23, Disorders of Scrotal Contents: Orchitis, Epididymitis, Testicular Torsion, Torsion of the Appendages, and Fournier's Gangrene. *Practical Urology: Essential Principles and Practice.* Springer Co. Chapple, Steers, eds.
- **Kavoussi PK,** Costabile RA. Chapter 37, Surgery of the Scrotum and Seminal Vesicles. *Campbell-Walsh Urology*, 10th edition Review. Saunders Co. McDougal, Wein, Kavoussi, Novick, Partin, Peters, Ramchandani, eds.
- **Kavoussi PK.** Chapter 20, Male Infertility. *Reproductive Endocrinology & Infertility: Handbook for Clinicians*, 2nd edition. Scrub Hill Press. Lebovic, Gordon, Taylor, eds.

- **Kavoussi PK.** Chapter 21, Surgical, radiographic, and endoscopic anatomy of the male genitalia and reproductive system. Campbell-Walsh Urology, 11th edition. Saunders Co. Wein, Kavoussi, Partin, Peters, eds.
- **Kavoussi PK.** Chapter 21, Surgical, radiographic, and endoscopic anatomy of the male genitalia and reproductive system. Campbell-Walsh Urology, 11th edition Review. Saunders Co. Wein, Kavoussi, Partin, Peters, eds.
- **Kavoussi PK.** *Commentary on:* Chapter 109, Simple orchiectomy. Hinman's Atlas of Urologic Surgery, 4th edition. (Submitted)
- **Kavoussi PK.** Chapter 114, Robot Assisted Vasectomy Reversal. Smith's Textbook of Endourology, 4th edition. Wiley Co. Smith, Preminger, Kavoussi, Bodlani, eds. (Manuscript in preparation).
- **Kavoussi PK.** Chapter, Surgical, radiographic, and endoscopic anatomy of the male genitalia and reproductive system. Campbell-Walsh Urology, 12th edition. Saunders Co. Wein, Kavoussi, Partin, Peters, eds. (In preparation)
- **Kavoussi PK.** Chapter 21, Surgical, radiographic, and endoscopic anatomy of the male genitalia and reproductive system. Campbell-Walsh Urology, 12th edition Review. Saunders Co. Wein, Kavoussi, Partin, Peters, eds. (In preparation)

GRANT SUPPORT

- Advanced Training for Leadership in Urology and Urological Research T32 DK 069-264-02, June 2008-June 2010.

SCIENTIFIC PRESENTATIONS

- **Kavoussi PK***, Hermans MR. A case report of testicular trauma secondary to less-lethal kinetic energy munitions. Podium presentation at the 52nd Annual James C. Kimbrough Urological Seminar, Honolulu, Hawaii, 2005.
- **Kavoussi PK***, Bird ET. The successful use of a small intestine submucosa/fibrin sealant graft for the repair of a scrotal wound defect after Fournier's gangrene. Podium/Poster presentation at the 2005 Texas Urological Society Annual Meeting, Grapevine, Texas, 2005.
- Bird ET*, **Kavoussi PK.** Male infertility: Highlights from AUA 2006. American Urological Association Annual Meeting, Atlanta, Georgia, 2006.
- **Kavoussi PK***, Bird ET. Validation of a vasoepididymostomy predictor model: Is vasoepididymostomy truly predictable preoperatively? Podium presentation at the 2007 65th Annual Mid-Atlantic Section of the AUA, Southampton, Bermuda.
- **Kavoussi PK***, Coffield KS, Hermans MR. A prospective evaluation of a single center's experience with the greenlight laser for photoselective vaporization of the prostate. Podium presentation at the 2007 South-Central Section of the AUA, Colorado Springs, Colorado.
- **Kavoussi PK***, Hermans MR. Maintenance of erectile function after photoselective vaporization of the prostate for obstructive benign prostatic hyperplasia. Poster presentation at the 2007 Sexual Medicine Society of North America, Chicago, Illinois.
- **Kavoussi PK***, Kuehl TJ. Evaluation of additional indices of sperm morphology as predictor of pregnancy outcome from intrauterine insemination. Poster presentation at the 2008 American Society of Andrology meeting, Albuquerque, New Mexico.

- **Kavoussi PK***, Ellen JH, Woodson RI, Costabile RA, Turner TT, Lysiak JJ. Oxidative stress in the penis: Friend or foe? Poster presentation at the 2009 67th Annual Mid-Atlantic Section of the AUA, Williamsburg, Virginia.
- Oliver JL*, **Kavoussi PK**, Woodson RI, Corbett ST, Costabile RA, Lysiak JJ. Expression of eNOS and associated regulatory proteins in the human clitoris. Poster presentation at the 2009 15th annual Sexual Medicine Society of North America meeting, Chicago, Illinois.
- **Kavoussi PK**, Ellen JH, Palmer LA, Steers WD*, Lysiak JJ. S-nitrosylation regulates eNOS and penile erection. Presentation at the 2010 American Association of Genitourinary Surgeons Annual Meeting.
- Steers WD*, **Kavoussi PK**, Sharma S, Lysiak JJ. Endomicroscopy and use of fiberoptic confocal fluorescent microscopy to image prostatic adenocarcinoma, urethral, and cavernous nerves using fluorescent biomarkers. Presentation at the 2010 American Association of Genitourinary Surgeons Annual Meeting.
- **Kavoussi PK***, Straub AC, Oliver JL, Heberlein K, Costabile RA, Isakson B, Lysiak JJ. Myoendothelial junctions in the corpus cavernosum are important for normal erectile function. Poster presentation at the 2010 American Urological Association Annual Meeting, San Francisco, California.
- **Kavoussi PK***, Ellen JH, Oliver JL, Woodson RI, Costabile RA, Steers WD, Palmer LA, Lysiak JJ. eNOS S-nitrosylation and erectile function. Poster presentation at the 2010 American Urological Association Annual Meeting, San Francisco, California.
- **Kavoussi PK**, Oliver JL*, Woodson RI, Corbett ST, Costabile RA, Palmer LA, Lysiak JJ. S-nitrosoglutathione reductase (GSNO-R) in the human clitoris implications for female sexual function. Poster presentation at the 2010 American Urological Association Annual Meeting, San Francisco, California.
- Ellati RT*, Bailey GC, Woodson RI, **Kavoussi PK**, Annex BH, Steers WD, Lysiak JJ. Smoking induces an inflammatory-like phenotype in corporal endothelial cells. Poster presentation at the 2010 American Urological Association Annual Meeting, San Francisco, California.
- Oliver JL*, **Kavoussi PK**, Woodson RI, Corbett ST, Costabile RA, Lysiak JJ. Expression of eNOS and associated regulatory proteins in the murine and human clitoris. Podium presentation at the 2010 annual International Society for the Study of Women's Sexual Health, St. Petersburg, Florida.
- Thomas KT*, **Kavoussi PK**, Costabile RA. The prostatic utricle: an elusive etiology of recurrent urinary tract infections. Poster presentation at the 2011 Annual James C. Kimbrough Urological Seminar, Washington DC.
- Smith RP*, **Kavoussi PK**, Steers WD, Costabile RA, Herr J, Lysiak JJ. The use of fiberoptic confocal fluorescent microscopy for microdissection testicular sperm extraction (microTESE) in a murine model. Podium presentation at the 2010 66th Annual American Society for Reproductive Medicine Meeting, Denver, Colorado.
- Lowe G*, Straub AC, Ko J, Woodson RI, **Kavoussi PK**, Costabile RA, Steers WD, Isakson B, Lysiak JJ. eNOS localizes to myoendothelial junctions in the corpus cavernosum: implications for erectile dysfunction. Poster presentation at 2011 American Urological Association Annual Meeting, Washington, DC.
- Smith RP*, **Kavoussi PK**, Costabile RA, Steers WD, Herr J, Lysiak JJ. The use of fiberoptic confocal fluorescent microscopy in a murine model of microTESE. Podium presentation at 2011 American Urological Association Annual Meeting, Washington, DC.
- Lowe G, **Kavoussi PK**, Straub AC, Steers WD, Costabile RA, Isakson B, Lysiak JJ. Myoendothelial junctions in the corpus cavernosum are lost after cavernous

nerve injury. Poster presentation at the 2011 Sexual Medicine Society of North America Meeting, Las Vegas, Nevada.

- Lowe G*, **Kavoussi PK**, Straub AC, Steers WD, Costabile RA, Isakson B, Lysiak JJ. Myoendothelial junctions in the corpus cavernosum are lost after cavernous nerve injury. Presentation at the 2011 Society of International Urology Meeting,
- **Kavoussi PK**, Wagner KR, Lowry PS*. Laparoscopic nephrectomy for massive polycystic kidneys in transplant recipients is safe and effective. Presented at the 2011 South Central Section AUA Annual Meeting, San Antonio, Texas.
- **Kavoussi PK***. Robot assistance in reproductive urology: the evolution of microsurgery in male fertility. State of the art lectures in robotic surgery: invited faculty lecturer at the minimally invasive surgery week 2013 of the the Society of Laparoendoscopic Surgeons, Washington, DC.
- **Kavoussi PK***. Transitioning from microsurgery to robotic microsurgery. Invited lecturer at the 2013 Robot Assisted Microsurgical and Endoscopic Society international meeting, Strasbourg, France.
- **Kavoussi PK***. Ethics: Patient relations in the social media era. Baylor University Medical Center at Dallas Urology Update 2014, Dallas, Texas.
- **Kavoussi PK***. Robot assisted microsurgical vasectomy reversal and the evolution of robotic microsurgery in reproductive urology. Invited faculty lecturer at the minimally invasive surgery week 2014 of the Society of Laparoendoscopic Surgeons, Las Vegas, Nevada.
- **Kavoussi PK***. Robotic vasectomy reversal: the challenges. Invited lecturer at the 2014 Robot Assisted Microsurgical and Endoscopic Society international meeting, March, 2014. Orlando, Florida.
- **Kavoussi PK***, Summers-Colquitt RB, Odenwald KC, Pool TB, Kavoussi SK. Sperm retrieval should be performed at the time of tumor resection in men with congenital adrenal hyperplasia and bilateral testicular adrenal rest tumors. Poster presentation at the 2015 American Society of Andrology national meeting. April 2015. Salt Lake City, Utah.
- Wheeler KM*, Kumar RA, Costabile RA, **Kavoussi PK**, Smith RP. Treatment of hypogonadal men with Clomiphene Citrate does not significantly increase the risk of polycythemia: a multi-institutional study. Presentation at the 2015 Mid-Atlantic Section of the AUA meeting, Paradise Island, Bahamas.
- **Kavoussi PK***, Summers-Colquitt RB, Odenwald KC, Kressin M, Pool TB, Kavoussi SK. Sperm retrieval at the time of tumor resection in azoospermic men with congenital adrenal hyperplasia and bilateral testicular adrenal rest tumors: as case series. Poster presentation at 31st Annual Meeting of European Society of Human Reproduction and Embryology. June, 2015. Lisbon, Portugal.
- **Kavoussi PK***. Robot assisted microsurgical vasectomy reversal: the Surgeon's Advantage. Invited faculty lecturer at the minimally invasive surgery week 2015 of the Society of Laparoendoscopic Surgeons. September, 2015. New York, New York.
- **Kavoussi PK***. Robotic vasectomy reversal: the challenges and the advantages. Invited lecturer at the 2015 Robot Assisted Microsurgical and Endoscopic Society international meeting. October, 2015. Geneva, Switzerland.
- **Kavoussi PK***. Robot assistance: advancement in microsurgical vasectomy reversal. Invited lecturer at the 2015 World Congress of Urology annual meeting. October, 2015. Warsaw, Poland.
- Wheeler KM*, Kumar RA, Costabile RA, **Kavoussi PK**, Smith RP. Clomiphene Citrate results in a significantly lower incidence of polycythemia compared to

exogenous testosterone replacement in hypogonadal men. (Poster presentation at the 2016 American Urological Association annual meeting in San Diego.

- **Kavoussi PK***. The evolution of microsurgery: robot assisted microsurgical vasectomy reversal. Invited lecturer at the 2016 Collaborative Conference on Robotics. November, 2016. Phuket, Thailand.
- Zillioux J, Starke N, Costabile RA, **Kavoussi PK**, Smith RP. Pre-treatment factors predict hormonal response to Clomiphene Citrate therapy. (Accepted for poster presentation at the 2017 Midatlantic Section of the AUA meeting, Amelia Island, FL)
- **Kavoussi PK***. Robot assisted microsurgical vasectomy reversal: an update. Invited lecturer at the 2017 Robot Assisted Microsurgical and Endoscopic Society international meeting, March, 2017. Maastricht, Netherlands.
- **Kavoussi PK***. Sperm retrieval and concomitant tumor resection in azoospermic men with congenital adrenal hyperplasia and bilateral adrenal rest tumors. BIT's 5th International Congress of Gynaecology and Obstetrics. May, 2017. Prague, Czech Republic.
- Sharma D, Wang J, Starke N, **Kavoussi PK**, Costabile RA, Smith RP. Predictors of improvement in semen parameters in men treated with Clomiphene Citrate. (Accepted for poster presentation at the 2017 American Society for Reproductive Medicine scientific congress, San Antonio, TX)

CLINICAL TRIALS

- A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study of the Safety and Efficacy of a Single Treatment with Two Dose Levels of BOTOX® (Botulinum Toxin Type A) Purified Neurotoxin Complex Followed by Repeat Treatment with BOTOX® in Patients with Urinary Incontinence Due to Neurogenic Detrusor Overactivity, 2008-2010.
- A Twelve Month, Open -Label, Safety Trial of Flibanserin 50 milligrams to 100 milligrams Daily in Women with Hypoactive Sexual Desire Disorder, 2008-2010.
- A Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Multicenter Study of the Safety and Efficacy of Avanafil in the Treatment of Erectile Dysfunction Following Bilateral Nerve-Sparing Radical Prostatectomy, 2009-2010.
- MiOXSYS: Validation of a Test for Measuring Oxidation-Reduction Potential (ORP) to Determine Oxidative Stress in Human Semen. AYTU Bioscience, 2017-present.

JOURNAL REVIEWER

- Journal of Urology (American Urological Association; Print ISSN: 0022-5347; Online ISSN: 1527-3792; Imprint: Lippincott Williams & Wilkins), 2009-present.
- Journal of Sexual Medicine (The Official Journal of the International Society for Sexual Medicine and the International Society for the Study of Women's Sexual Health (Print ISSN: 1743-6095; Online ISSN: 1743-6109), 2010-present.
- U.S. Pharmacist (ISSN: 0148-4818), 2012-present.
- Journal of Diabetes Research and Clinical Metabolism (ISSN: 2050-0866), 2013-present.
- Journal of Endourology (ISSN: 0892-7790), 2013-present.

- Journal of Assisted Reproduction and Genetics (ISSN: 1058-0468-print, ISSN: 1573-7330-electronic), 2014-present.
- Urology, the Gold Journal (ISSN: 0090-4295), 2015-present.
- Andrology, (ISSN: 2047-2927), 2015-present.
- European Urology (ISSN: 0302-2838), 2015-present.
- PLOS ONE (ISSN: none), 2015-present.
- Asian Journal of Urology (ISSN: 1745-7262), 2015-present
- Case Reports in Urology (ISSN: 2214-4420), 2016-present
- Urology: the Gold Journal (ISSN: 0090-4295), 2017-present

NATIONAL/INTERNATIONAL COMMITTEE MEMBERSHIP

- Executive Advisory Board of RAMSES (Robot Assisted Microsurgical and Endoscopic Society), 2014-present.
- American Society of Andrology Public Affairs and Policy Committee – to guide and promote the best clinical practices in the fields of male infertility and sexual medicine, 2010- present.

REGIONAL COMMITTEE MEMBERSHIP

- Appointed as a member of the clinical engagement sub-committee of the UT Southwestern Dell Medical School steering committee, 2013-2015.
- Appointed as a member of the St. David's South Austin Medical Center robotic surgery steering committee, 2013-present.
- Appointed as the chairman of the Travis County Medical Society Public Relations Committee, 2012-2013.
- Appointed as a member of the Travis County Medical Society Public Relations Committee, 2011-2013.
- Appointed as a member of the Travis County Medical Society Membership Committee, 2011-2013.
- Physician member of the XXY Association of Texas, 2010-present.

LECTURES

- Klatskin Tumor. Texas A&M Health Sciences Center, Scott & White Memorial Hospital General Surgery/Gastroenterology Grand Rounds. October 2002.
- Surgical Management of Kidney Cancer. Texas A&M Health Sciences Center, Scott & White Memorial Hospital lecture to medical students. April 2003.
- Central Texas Urological Association meeting. Lecture: Persistent Mullerian Duct Syndrome. July 2007.
- A prospective evaluation of a single center's experience with the greenlight laser for photoselective vaporization of the prostate. Texas A&M Health Sciences Center, Scott & White Memorial Hospital resident research presentation day. April 2008.
- Bladder and Urethral Diverticula, Campbell's chapter 73, University of Virginia urology residents review. September 2008.
- Novel regulation of eNOS in the penis by S-nitrosoglutathione reductase. The University of Virginia reproductive basic science lecture series. October 2008.
- Urinary Tract Fistula, Campbell's chapter 72, University of Virginia urology residents review. October 2008.

- Surgery of the Scrotum and Seminal Vesicles, Campbell's chapter 34, University of Virginia urology residents review. March 2009.
- Bladder and Urethral Diverticula, Campbell's chapter 73, University of Virginia urology residents review. September 2009.
- Urinary Tract Fistula, Campbell's chapter 72, University of Virginia urology residents review. October 2009.
- Day in Virginia Lecture Series. Lecture: Delaying Parenthood and Fertility. October, 2009.
- Intracellular localization of eNOS and the effect of S-nitrosylation on cellular function in relation to erectile function. The University of Virginia reproductive basic science lecture series. November 2009.
- Charlottesville Track Club. Lecture: Prostate Cancer Screening and Prevention. November, 2009.
- Basics of Male Infertility. Infertility lecture series to University of Virginia urology residents. February 2010.
- Surgery of the Scrotum and Seminal Vesicles, Campbell's chapter 34, University of Virginia urology residents review. March 2010.
- Priapism: Causes, Evaluation, Medical and Surgical Treatment. Lecture series to University of Virginia urology residents. March 2010.
- The impact of cancer on male fertility. Infertility lecture series to University of Virginia urology residents. April 2010.
- Chromosomal disorders and male infertility. Infertility lecture series to University of Virginia urology residents. May 2010.
- Post-graduate CME course at the 2010 American Urological Association annual national meeting. Course: Epididymitis and Chronic Scrotal Pain: Diagnosis and Management. Course Faculty: Raymond A. Costabile, M.D., Parviz K. Kavoussi, M.D., Chad R. Tracy, M.D.
- Ask the medical expert: Testosterone and your health. Community lecture at Longhorn Village in Steiner Ranch, Austin, Texas. October 2010.
- Satisfying solutions: Erectile restoration. Community lecture at Sun City, Texas. January 2011.
- Male factor infertility. Seminar at St. David's South Austin Medical Center, Austin, Texas. January 2011.
- Male factor infertility. Lecture at Austin Woman Magazine's Healthy Living Event. Austin, Texas. April 2011.
- Ask a doc: Comprehensive fertility care for the couple. Shahryar K. Kavoussi, M.D., Parviz K. Kavoussi, M.D. Seminar at St. David's South Austin Medical Center, Austin, Texas. April 2011.
- Klinefelter's men can be fathers. Lecture to the XXY Association. Austin, Texas. April 2011.
- Life after prostate cancer: prostate cancer's impact on fertility and sexual health. US TOO Austin prostate cancer support group. Austin, Texas. May 2011.
- Advances in men's health, erectile restoration. Texas Osteopathic Medicine Association District 7 Meeting. Austin, Texas. July 2011.
- Cancer and men's sexual health. Austin Sexual Health Community. October 2011.
- Low testosterone: The why, how, and when to treat. The Central Texas Urologic Society. Temple, TX. November 2011.
- Low testosterone: The why, how, and when to treat. Grand Rounds: St. David's South Austin Medical Center. Austin, TX. December 2011.

- Roundtable discussion on the treatment of hypogonadism. Austin, TX. December 2011.
- Low testosterone: The why, how, and when to treat. Grand Rounds for Continuing Medical Education: St. David's Medical Center. Austin, TX March 2012.
- Erectile dysfunction and intracavernous injections. Webinar. Austin, TX March 2012.
- Pain in the scrotum: current understanding and treatment. Grand Rounds for Continuing Medical Education: St. David's South Austin Medical Center. Austin, TX June 2012.
- Men's health solutions for erectile dysfunction, signs and side effects of low testosterone. Community lecture at Sun City, Texas. July, 2012.
- Pain in the scrotum: current understanding and treatment. Grand Rounds for Continuing Medical Education: St. David's Medical Center. Austin, TX August 2012.
- Andropause: the pro's and con's of treatment. University of Texas Health Science Center San Antonio core curriculum lecture series for urology residents. San Antonio, TX September 2012.
- Evaluation and treatment of low T and ED: Clinical approach to men's health. Central Texas Physician Assistant Society CME faculty lecture. Austin, TX September, 2012.
- New advancements in the treatment of premature ejaculation. Austin, TX September, 2012.
- Male reproductive/sexual health: biological and psychoneurological considerations. Lecture to the undergraduate class of Neuroscience of Motivation and Reward, The University of Texas. Austin, TX, October, 2012.
- Male factor infertility. Central Texas Physician Assistant Society CME faculty lecture. Austin, TX. February, 2013.
- Male hormonal balance. Community seminar. Austin, TX. April, 2013.
- Male infertility section of couples fertility lecture. Grand Rounds for Continuing Medical Education: St. David's Medical Center. Austin, TX. June 2013.
- Sexual and reproductive health after prostate cancer. US TOO town hall meeting at St. David's South Austin Medical Center. Austin, TX. July 2013.
- Biomedical engineering in urology. Lecture to University of Texas biomedical engineering department. Austin, TX. October 2013.
- Klinefelter's men can be fathers. Lecture to XXY support group. Austin, TX. February 2014.
- Vasectomy and vasectomy reversal. Lecture to pelvic zen blogradio show. Austin, TX. February 2014.
- Hypogonadism: the diagnosis and treatment. University of Texas Health Science Center San Antonio core curriculum lecture series for urology residents. San Antonio, TX, May 2014.
- Psychosexual adjustment to prostate cancer. Us Too prostate cancer support group. Mike Jones memorial chapter. St. David's South Austin Medical Center. Austin, TX, November 2014.
- Low testosterone: appropriate diagnosis and treatment. Family practice review for the Texas Society of the American College of Osteopathic Family Physicians. Austin, TX, November 2014.
- Klinefelter's men can be fathers. Lecture to the XXY Association. Austin, Texas. February 2015.

- Klinefelter's and Fertility. Lecture to the Department of Pediatric Endocrinology at Dell Children's Hospital. Austin, Texas. April, 2015.
- Men's Health: Well at Dell. Dell Corporate Wellness Lectures. Austin, Texas. June, 2015.
- Couples Fertility. Lecture to Women of Austin Dental Association. Austin, Texas. July, 2015.
- Surgical treatment of male infertility. Lecture to Urology Department at University of Texas Health Sciences Center at San Antonio. San Antonio, Texas. September, 2015.
- Post-graduate CME course at the 2016 American Urological Association annual national meeting. Course: Surgical treatment of chronic scrotal pain. Course Faculty: Ryan P. Smith, M.D., Raymond A. Costabile, M.D., Parviz K. Kavoussi, M.D.
- Evaluation and treatment of the infertile male. Lecture to Urology Department at University of Texas Health Sciences Center at San Antonio. San Antonio, Texas. July, 2016.
- Evaluation and treatment of hypogonadism. 2017 Primed Southwest primary care conference. Houston, Texas. June 2017.

HONORS AND AWARDS

- Selected as a Texas Superdoctor by Texas Monthly Magazine, July 2017.
- Invited as an abstract reviewer for American Society for Reproductive Medicine Scientific Congress & Expo, November 2017.
- Invited as an abstract reviewer for Society of Laparoendoscopic Surgeons Minimally Invasive Surgery Week 2017, annual meeting, September, 2017.
- Selected as a Texas Superdoctor by Texas Monthly Magazine, July 2016.
- Selected as a Texas Superdoctor by Texas Monthly Magazine, July 2015.
- Invited as a faculty moderator at the 2015 Society of Laparoscopic Surgeons Minimally Invasive Surgery Week annual meeting, September, 2015. New York, New York.
- Selected as a Texas Superdoctor by Texas Monthly Magazine, July 2015.
- Invited as a faculty moderator at the 2014 Robot Assisted Microsurgical and Endoscopic Society international meeting, Orlando, Florida
- Invited as a faculty moderator at the 2014 South Central Section of the American Urological Association 93rd annual meeting, October, 2014. Palm Springs, California.
- Selected as a Texas Rising Star Superdoctor by Texas Monthly Magazine, July 2014.
- Selected as a Texas Rising Star Superdoctor by Texas Monthly Magazine, July 2013.
- Selected as a Texas Rising Star Superdoctor by Texas Monthly Magazine, July 2012.
- Contributing medical expert for Daily Rx, 2011-2015.
- Appointed as the chairman of the Travis County Medical Society Public Relations Committee, 2012-2013.
- Awarded best of poster presentations in the sexual function/dysfunction/Andrology: basic research session at the 2010 American Urological Association annual meeting for: **Kavoussi PK***, Straub AC, Oliver JL,

Heberlein K, Costabile RA, Isakson B, Lysiak JJ. Myoendothelial junctions in the corpus cavernosum are important for normal erectile function. May 2010.

- Recognized as a Texas A&M, Scott & White Memorial Hospital Distinguished Alumnus at the Scott & White 80th year ceremony, November 2008.
- Elected as a Gerald P Murphy Scholar at the American Urological Association annual national meeting, May 2007.
- Inducted into the Alpha Omega Alpha Medical Honor Society during residency, Texas A&M Health Sciences Center, Scott and White Memorial Hospital, May 2007.
- Received 2nd place in the resident podium presentation competition at the 2005 Texas Urological Society meeting for: **Kavoussi PK***, Bird ET. The successful use of a small intestine submucosa/fibrin sealant graft for the repair of a scrotal wound defect after Fournier's gangrene. July 2005.
- Elected as a Junior Marshall in the University of Texas Medical Branch graduation. May 2001.
- Nominated to tutor first year medical students in anatomy and histology at the University of Texas Medical Branch at Galveston, 1999.
- Inducted into the Golden Key National Honor Society-accepting the top 15% of the class. January 1997-1998.
- Dean's List – Baylor University, 1997-1998.
- Alpha Epsilon Delta Premedical Honor Society, January 1996-1998.

EMPLOYMENT

- Austin Fertility & Reproductive Medicine/Westlake IVF. Austin, TX, 2010-present.
- Adjunct Assistant Professor. University of Texas Health Sciences Center at San Antonio, Department of Urology. San Antonio, TX, 2015-present.
- Adjunct Assistant Professor. University of Texas at Austin. Austin, TX 2013-present.
- Andrology/Reproductive Urology Fellow – The University of Virginia Health System. Charlottesville, VA, 2008-2010.
- Urology Resident – Texas A&M, Scott and White Memorial hospital. Temple, TX, 2002-2008.
- Teaching/Lab assistant – Human physiology lab. Baylor University, Waco, TX, 1995.
- South Austin Medical Center, Emergency Department. Assisted emergency room physicians, Austin, TX. Summer and Christmas vacations, 1995-1998.

VOLUNTEER WORK

- Physician volunteer for student athletic physicals. Austin, TX. 2013.
- Physician volunteer for student athletic physicals. Austin, TX. 2012.
- Annual prostate cancer screening day, St. David's South Austin Medical Center, Austin, TX. 2011.
- Physician volunteer for student athletic physicals. Austin, TX. 2011.
- Medical advisor for Klinefelter's Syndrome Support Group of Texas. Austin, TX. 2010-present.

- University of Virginia Cancer Center Community Outreach. Volunteer to teach Albemarle high school students about testicular cancer and the importance of the testicular self examination. Charlottesville, VA. 2010.
- University of Virginia Exploring Opportunities Day. Urology representative to teach medical students. Charlottesville, VA. 2010.
- Urologist representative for advertising for the annual Charlottesville Men's 4 Miler Prostate Cancer Awareness Run. Charlottesville, VA. 2009.
- Annual prostate cancer screening day, The University of Virginia Health System, Charlottesville, VA. 2008-2010.
- Annual prostate cancer screening day, Scott & White, Temple TX, 2004-2008.
- St. Vincent's Clinic for indigent patients, Galveston, TX. 1998-2000.
- Medical mission trip to Mulukuku, Nicaragua. 1999.
- Evangelia Children's Center, Waco, TX. 1996-1998.
- Volunteer to teach elementary school children through the American Chemical Society, Waco, TX. 1996.
- "Steppin' Out" community outreach program, Waco, TX. 1996.
- Stephen's Kids Camp for underprivileged children, Austin, TX. 1995.
- Junior volunteer in the South Austin Medical Center Emergency Department, Austin, TX. 1992-1995.

PROFESSIONAL ORGANIZATIONS

- Society of Reproductive Surgeons, 2016-present.
- American College of Surgeons, 2014- present.
- Texas Institute for Robotic Surgery, 2013-present.
- Robot Assisted Microsurgical and Endoscopic Society, 2011-present.
- Society for the Study of Male Reproduction, 2011-present.
- Austin Sexual Health Community Group, 2011-2012.
- Travis County Medical Society, 2010-present.
- Texas Medical Association, 2010-present.
- American Society of Reproductive Medicine, 2010-present.
- The Society for Male Reproduction and Urology, 2010-present.
- American Association of Clinical Urologists, 2009-present.
- American Society of Andrology, 2009-present.
- Alpha Omega Alpha Honor Society, 2007-present.
- Central Texas Urological Society, 2006-2008.
- Society of Urologic Prosthetic Surgeons, 2006-present.
- Sexual Medicine Society of North America, 2006-present.
- International Society for Sexual Medicine, 2006-present.
- Endourological Society, 2006-present.
- American Urological Association, 2004-present.
- American Surgical Society, 2002-2004.
- Student Surgical Society, 1998-2002.
- St. Vincent's Clinic student representative, 1999-2000.
- Golden Key National Honor Society, 1997-present.
- Alpha Epsilon Delta Premedical Honor Society, 1996-1998.
- American Chemical Society, 1996-1998.