

## **CURRICULUM VITAE**

### **PERSONAL DATA**

Name: SHAHRYAR K. KAVOUSSI, M.D., M.P.H., F.A.C.O.G.

### **EDUCATION**

8/96 – 5/00 The University of Texas Medical Branch, Galveston, TX; M.D.  
7/93 – 9/95 The George Washington University, Washington, DC; M.P.H.  
8/88 – 12/92 Baylor University, Waco, TX; B.A.  
8/84 – 6/88 Westlake High School, Austin, TX

### **POSTDOCTORAL TRAINING**

7/04 – 6/07 The University of Michigan, Ann Arbor, MI  
Fellow, Reproductive Endocrinology and Infertility  
7/01 – 6/04 The University of Texas Health Science Center, San Antonio, TX  
Resident, Obstetrics and Gynecology  
7/00 – 6/01 The University of Texas Health Science Center, San Antonio, TX  
Intern, Obstetrics and Gynecology

### **ACADEMIC AFFILIATION**

7/08 – 6/10 Clinical Assistant Professor  
The University of Texas Medical Branch  
Obstetrics and Gynecology Program at Austin

### **GRANT SUPPORT**

4/06 – 6/07 The University of Michigan Reproductive Sciences Program  
T32 HD070048  
Training Program in Reproductive Endocrinology  
PI: Douglas Foster, PhD

## **CERTIFICATIONS AND LICENSURE**

2004-2007	Educational License, State of Michigan
2007-present	Texas Medical License M5277
2009-present	Certified in DaVinci Robotic Surgery
Board Certification: 2005-present	Obstetrics and Gynecology American Board of Obstetrics and Gynecology
Board Certification: 2009-present	Reproductive Endocrinology and Infertility American Board of Obstetrics and Gynecology

## **HONORS AND AWARDS**

2002	Association of Professors of Gynecology and Obstetrics Scholar Nominee The University of Texas Health Science Center at San Antonio San Antonio, Texas
2002	2002 Berlex Laboratories Best PGY2 Teaching Resident of the Year Award The University of Texas Health Science Center at San Antonio San Antonio, Texas
2003	Outstanding Teaching Excellence and Commitment to Student Education and Achievement Award from the Medical School Class of 2003 The University of Texas Health Science Center at San Antonio San Antonio, Texas
2004	Resident Humanism and Excellence in Teaching Award from the Medical School Class of 2005 The University of Texas Health Science Center at San Antonio San Antonio, Texas
2005	Induction to Gold Humanism Honor Society The University of Texas Health Science Center at San Antonio San Antonio, Texas
2008	Patients' Choice Award '08
2009	Patients' Choice Award '09
2010	Patients' Choice Award '10
2011	Patients' Choice Award '11
2012	Patients' Choice Award '12
2013	Patients' Choice Award '13
2014	Patients' Choice Award '14

## MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

- 1996 American Medical Association
- 2000-present American College of Obstetrics and Gynecology
- 2004-present American Society for Reproductive Medicine
- 2005-present Norman F. Miller Gynecologic Society
- 2009-present American Institute of Ultrasound in Medicine
- 2011-present St David's South Austin Medical Center representative on Austin Multi-Institutional Review Board

## BIBLIOGRAPHY

### Completed Publications in Scientific Journals

#### Peer Reviewed

1. Lucidi RS, Pierce JD, Kavoussi SK, Witz CA. Prior fertility in the male partner does not predict a normal semen analysis. *Fertility and Sterility* 2005; 84 (3): 793-4.
2. Kavoussi SK, Mueller MD, Lebovic DI. Expression of mannose-binding lectin in the peritoneal fluid of women with and without endometriosis. *Fertility and Sterility* 2006; 85 (5): 1526-8.
3. Kavoussi SK, Christman GM, Smith YR. Healthcare for adolescents with Turner Syndrome. *Journal of Pediatric and Adolescent Gynecology* 2006; 19(4):257-265.
4. Kavoussi SK, Pearlman MD, Burke WM, Lebovic DI. Endometrioma complicated by tubo-ovarian abscess in a woman with bacterial vaginosis. *Infectious Diseases in Obstetrics and Gynecology*, vol. 2006, Article ID 84140, 3 pages.
5. Kavoussi SK, Fisseha S, Smith YR, Smith GD, Christman GM, Gago LA. Oocyte cryopreservation in a woman with mosaic Turner Syndrome. *Journal of Reproductive Medicine* 2008; 53(3):223-6.
6. Kavoussi SK, Smith YR, Ernst SD, Quint EH. Cervical cancer screening with liquid cytology in women with developmental disabilities. *Journal of Womens Health* 2009; 18(1):115-118.
7. Kavoussi SK, West BT, Taylor GW, Lebovic DI. Periodontal disease and endometriosis: analysis of the National Health and Nutrition Examination Survey. *Fertility and Sterility* 2009; 91(2):335-42.

8. Shah DK, Menon KM, Cabrera LM, Vahratian A, Kavoussi SK, Lebovic DI. Thiazolidinediones decrease vascular endothelial growth factor (VEGF) by human luteinized human granulosa cells in vitro. *Fertil Steril*. 2010 Apr;93(6):2042-7.
9. Kavoussi SK, Witz CA, Binkley PA, Nair AS, Lebovic DI. Peroxisome-Proliferator Activator Receptor-gamma activation decreases attachment of endometrial cells to peritoneal mesothelial cells in an in vitro model of the early endometriotic lesion. *Mol Hum Reprod*. 2009 Oct;15(10):687-92.
10. Kavoussi SK, Kavoussi KM, Lebovic DI. Update on Endometriosis – New Perspectives. *US Obstetrics & Gynecology*. 2012;7(1):9-14.
11. Kavoussi SK. Impact of superovulation for women with endometriosis. *Semin Reprod Med*. 2013 Mar;31(2):150-3.
12. Lebovic DI, Kavoussi SK, Lee J, Banu SK, Arosh JA. PPAR $\gamma$  activation inhibits growth and survival of human endometriotic cells by suppressing estrogen biosynthesis and PGE2 signaling. *Endocrinology*. 2013 Dec;154(12):4803-13.
13. Kavoussi SK, Kavoussi KM, Lebovic DI. Robotic-assisted tubal anastomosis with one-stitch technique. *J Robotic Surg*. 2014;8(2):133-136.
14. Kavoussi SK. Assisted hatching for in vitro fertilization-embryo transfer: an update. *J IVF Reprod Med Genet*. 2014;2:121.
15. 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. *J Assist Reprod Genet*. 2015 Mar;32(3):485-6.
16. Kavoussi SK, Odenwald KC, Boehnlein LM, Summers-Colquitt RB, Pool TB, Swain JE, Jones JM, Lindstrom MJ, Lebovic DI. Antimüllerian hormone as a predictor of good-quality supernumerary blastocyst cryopreservation among women with levels <1 ng/mL versus 1-4 ng/mL. *Fertil Steril*. 2015 Sep;104(3):633-6
17. 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. *J Assist Reprod Genet*. 2015 Nov;32(11):1677-8.
18. 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. *J Assist Reprod Genet*. 2016 Apr;33(4):545-8. doi: 10.1007/s10815-016-0665-9.
19. Kavoussi SK, Lim CS, Skinner BD, Lebovic DI, As-Sanie S. New paradigms in the diagnosis and management of endometriosis. *Curr Opin Obstet Gynecol*. 2016 Aug;28(4):267-76.

## Chapters in Books

1. Kavoussi SK. Chapter 25: Gamete Preservation chapter in Reproductive Endocrinology and Infertility: Handbook for Clinicians. pp. 257-259, 1ed. Scrub Hill Press, Inc., Arlington, VA. Lebovic DI, Gordon JD, and Taylor RN, eds., June 2005.
2. Kavoussi SK, Randolph JF. Chapter 1: Steroids and Prostaglandins in Reproductive Medicine. Requisites in Obstetric and Gynecology: Reproductive Endocrinology and Infertility, Elsevier Co. Alvero, Schlaff, eds.
3. Kavoussi SK, Kumetz L, Christman GM. Chapter 46: Uterine Leiomyomas. Clinical Reproductive Medicine and Surgery. 2006 1<sup>st</sup> Edition, Elsevier Co. Falcone, Hurd, eds.
4. Kavoussi SK, Kumetz L, Christman GM. Chapter 18: Uterine Leiomyomas. Clinical Reproductive Medicine and Surgery. 2013 2<sup>nd</sup> Edition, Elsevier Co. Falcone, Hurd, eds.
5. Kavoussi SK. Chapter 26: Gamete Preservation chapter in Reproductive Endocrinology and Infertility: Handbook for Clinicians. pp. 303-308, 2ed. Scrub Hill Press, Inc., Arlington, VA. Lebovic DI, Gordon JD, and Taylor RN, eds., October 2013.

## Oral and Poster Presentations

### Poster Presentations

1. Kavoussi SK, Goldblum R. Decreased binding of a monoclonal anti-IgA1 antibody in IgA nephropathy. Department of Pediatrics, Child Health Research Center, The University of Texas Medical Branch, 1996.
2. Schenken RS, Witz CA, Kavoussi SK. Menstrual endometrium and individual endometrial stromal and epithelial cells are unique in their ability to adhere to and invade peritoneal mesothelium. American Society for Reproductive Medicine, 59<sup>th</sup> Annual Meeting, 2002, Seattle, Washington.
3. Lucidi RS, Pierce JD, Kavoussi SK, Witz CA. Prior fertility in the male partner: a predictor of normal semen analysis? American Society for Reproductive Medicine, 60<sup>th</sup> Annual Meeting, 2003, San Antonio, Texas.
4. Kavoussi, SK, Lee JS, Puliur MS, Yan W, Padmanabhan V. Prenatal androgen exposure programs insulin sensitivity in the sheep model of PCOS. Society for Gynecologic Investigations Annual Scientific Meeting, 2006, Toronto, Canada.
6. Kavoussi SK, Smith YR, Ernst, SD, Quint EH. Cervical cancer screening with liquid cytology in women with developmental disabilities. North American Society for Pediatric and Adolescent Gynecology Annual Meeting, 2006, Orlando, Florida.
7. Kavoussi SK, Nair AS, Witz CA, Lebovic DI. PPAR- $\gamma$  activation decreases attachment of endometrial cells to peritoneal mesothelial cells in an *in vitro* model of the early endometriotic lesion. Anita H. Payne Lecture and Poster Day, 2006, Ann Arbor, Michigan.

8. Kavoussi SK, Taichman LA, Lanham M, Lebovic DI. Is there an association between endometriosis and periodontal disease? An analysis of National Health and Nutrition Survey Data. Endometrial Biology and Pathologies: Transdisciplinary Science Meets Clinical Practice Meeting, 2006, San Francisco, California.
9. Kavoussi SK, Nair AS, Witz CA, Lebovic DI. PPAR- $\gamma$  Activation decreases attachment of endometrial cells to peritoneal mesothelial cells in an *in vitro* model of the early endometriotic lesion. Society for Gynecologic Investigations Annual Scientific Meeting, 2007, Reno, Nevada.
10. Shah DK, Menon KMJ, Kavoussi SK, Lebovic DI. Thiazolidinediones decrease Vascular Endothelial Growth Factor (VEGF) production by human granulosa cells in vitro. University of Michigan Health System, Anita H. Payne Lecture and Poster Day, 2007, Ann Arbor, Michigan.
11. 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. American Society of Andrology meeting, 2015, Salt Lake City, Utah.
12. 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: a case series. European Society of Human Reproduction and Embryology 31<sup>st</sup> annual meeting, 2015, Lisbon, Portugal.
13. Kavoussi SK, Odenwald KC, Boehnlein LM, Summers-Colquitt RB, Pool TB, Swain JE, Jones JM, Lindstrom MJ, Lebovic DI. Antimüllerian hormone as a predictor of supernumerary good quality blastocyst cryopreservation. American Society for Reproductive Medicine, 71<sup>st</sup> Annual Meeting, 2015, Baltimore, Maryland.

#### Oral Presentations

1. Prior Fertility in the Male Partner: A Predictor of Normal Semen Analysis? Richard Scott Lucidi, M.D., J. David Pierce, B.S., Shahryar Kavoussi, M.D., M.P.H., Craig A. Witz, M.D., The University of Texas Health Science Center at San Antonio, Texas Association of Obstetrics and Gynecology 2004 meeting, Dallas, Texas.
2. Prenatal Androgen Exposure Programs Insulin Sensitivity in the Sheep Model of PCOS. Shahryar K. Kavoussi, M.D., M.P.H., James S. Lee, M.S., MohanKumar S. Puliyyur, DVM, PhD, Wenbo Yan, PhD, Vasantha Padmanabhan, PhD, The University of Michigan, Michigan ACOG Section 2006 Annual Meeting, Lansing, Michigan.
3. Thiazolidinediones for Treating Endometriosis. Shahryar K. Kavoussi, M.D., Grand Rounds, Department of Obstetrics and Gynecology, The University of Michigan Health Systems, 2007, Ann Arbor, Michigan.
4. PPAR- $\gamma$  Activation Decreases Attachment of Endometrial Cells to Peritoneal Mesothelial

- Cells in an *in vitro* Model of the Early Endometriotic Lesion. Shahryar K. Kavoussi, M.D., M.P.H., Anitha S. Nair, M.D., Craig A. Witz, M.D., Dan I. Lebovic, M.D., M.A. The University of Michigan, Michigan ACOG Section 2007 Annual Meeting, Lansing, Michigan.
5. PPAR- $\gamma$  Ligand Activation Decreases Aromatase Expression in Endometrial Stromal Cells. Shahryar K. Kavoussi, M.D., M.P.H., K.M.J. Menon, Ph.D., Helle Peeegel, Gregory M. Christman, M.D., Sun-Wei Guo, Ph.D., Dan I. Lebovic, M.D., M.A. The University of Michigan, American Society for Reproductive Medicine, 63<sup>rd</sup> Annual Meeting, 2007, Washington, D.C.
  6. Thiazolidinediones Decrease Vascular Endothelial Growth Factor (VEGF) Production by Human Granulosa Cells In Vitro. Divya K. Shah, M.D., K.M.J. Menon, Ph.D., Shahryar K. Kavoussi, M.D., M.P.H., Dan I. Lebovic, M.D., M.A. The University of Michigan, American Society for Reproductive Medicine, 63<sup>rd</sup> Annual Meeting, 2007, Washington, D.C.
  7. PPAR- $\gamma$  Activation Decreases Attachment of Endometrial Cells to Peritoneal Mesothelial Cells in an *in vitro* Model of the Early Endometriotic Lesion. Shahryar K. Kavoussi, M.D., M.P.H., Anitha S. Nair, M.D., Craig A. Witz, M.D., Dan I. Lebovic, M.D., M.A., St. David's South Austin Hospital OB/GYN Department, January 2008 section meeting, Austin, Texas.
  8. Uterine Leiomyomas. Shahryar K. Kavoussi, M.D., M.P.H. St. David's Medical Center. Continuing Medical Education, February 2008, Austin, Texas.
  9. Oocyte Cryopreservation. Shahryar K. Kavoussi, M.D., M.P.H. St. David's South Austin Hospital. Continuing Medical Education, June 2008, Austin, Texas.
  10. PPAR- $\gamma$  Ligand Activation Decreases P450 Aromatase Gene Expression in Human Endometriotic Epithelial and Stromal Cells in Vitro. Shahryar K. Kavoussi, M.D., M.P.H., Joe A. Arosh, Ph.D., JeHoon Lee, M.S., Sakhila K. Banu, Ph.D., Dan I. Lebovic, M.D., M.A. American Society for Reproductive Medicine, 65<sup>rd</sup> Annual Meeting, 2009, Atlanta, Georgia.
  11. Diagnosis and Management of Polycystic Ovary Syndrome. Shahryar K. Kavoussi, M.D., M.P.H. St. David's Medical Center. Continuing Medical Education, March 2010, Austin, Texas.
  12. Infertility: Underlying Factors and Treatment Options. Shahryar K. Kavoussi, M.D., M.P.H. St. David's South Austin Medical Center. June 2010, Austin, Texas.
  13. PPAR- $\gamma$  Activation Inhibits Proliferation of Endometriotic Epithelial and Stromal Cells and is Pro-apoptotic in Endometriotic Stromal Cells in Vitro. Shahryar K. Kavoussi, M.D., M.P.H., Sam D. Stephen, D.V.M., M.S., JeHoon Lee, M.S., Sakhila K. Banu, Ph.D., Joe A. Arosh, Ph.D., Dan I. Lebovic, M.D., M.A. (Accepted for oral presentation at the American Society for Reproductive Medicine, 66<sup>rd</sup> Annual Meeting, 2010, Denver, Colorado.

14. Couples Fertility. Shahryar K. Kavoussi, M.D., M.P.H., Parviz K. Kavoussi, M.D. St. David's South Austin Medical Center. April 2010, Austin, Texas.
15. Endometriosis: Current Treatment Options and New Perspectives. Shahryar K. Kavoussi, M.D., M.P.H. St. David's South Austin Medical Center. October 2012, Austin, Texas.
16. Female Fertility. Central Texas Physician Assistant Society CME faculty lecture. February 2013, Austin, Texas.
17. Couples Fertility. Shahryar K. Kavoussi, M.D., M.P.H., Parviz K. Kavoussi, M.D. St. David's South Austin Medical Center. June 2013, Austin, Texas.
18. Infertility: Underlying Factors and Treatment Options. Shahryar K. Kavoussi, M.D., M.P.H. LVN Association of Texas Convention. October 2013, Round Rock, Texas.
19. Couples Fertility. Shahryar K. Kavoussi, M.D., M.P.H., Parviz K. Kavoussi, M.D. St David's Main – Video conference Continuing Medical Education to St David's South Austin Medical Center and St David's North Austin Medical Center, June 2013
20. Couples Fertility. Shahryar K. Kavoussi, M.D., M.P.H., Parviz K. Kavoussi, M.D. Lecture to Women of Austin Dental Association. Austin, Texas. July, 2015.
21. Female Fertility. Shahryar K. Kavoussi, M.D., M.P.H., St David's Medical Center, Grand Rounds Continuing Medical Education Lecture, September 2015, Austin, Texas.
22. Live birth following IVF/ICSI using oocytes from donor who was conceived via IVF: a case report. Shahryar K. Kavoussi, M.D., M.P.H., BIT International Congress of Genetics, April 2016, Dalian, China.
23. Robotic-assisted tubal anastomosis with one-stitch technique. Shahryar K. Kavoussi, M.D., M.P.H. BIT International Congress of Gynaecology and Obstetrics, May 2016, Barcelona, Spain.
24. AMH as a predictor of IVF outcomes. Shahryar K. Kavoussi, M.D., M.P.H. PCS Global Obstetrics and Gynaecology Congress, June 2016, Prague, Czech Republic.

#### Other Research Activities

9/95 – 5/96     Research Assistant  
                          Top Priority Worksite Health Promotion Program  
                          Department of Kinesiology and Health Education  
                          The University of Texas, Austin, Texas