# **CURRICULUM VITAE**

# Anthony Mark Propst, M.D.

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Current Position:	Physician, Texas Fertility Center, Round Rock and Austin, Texas	
Education and Training:		
Post-Graduate Training:	Fellowship: Reproductive Endocrinology and Infertility Brigham and Women's Hospital - Harvard Medical School, Boston, MA 1997-2000	
	Residency: Obstetrics and Gynecology David Grant USAF Medical Center, Travis AFB, CA 1992-1996	
Graduate:	University of North Carolina School of Medicine Chapel Hill, NC 1988-1992, M.D.	
College:	United States Air Force Academy, Colorado Springs, CO 1984-1988, B.S. (Biology)	
Professional Military Education:	USAF Air University: Air Command Staff College Completed 2000 USAF Air University: Air War College Completed 2007	
Positions held (Military):	Chief Consultant to the USAF Surgeon General for Obstetrics and Gynecology (2007-2011)	

#### **Positions Held (Medical):**

Vice Chairman and Director of Continuing Medical Education, Department of Obstetrics and Gynecology, Uniformed Services University of the Health Sciences, Bethesda, MD Associate Program Director, Combined Federal Fellowship in Reproductive Endocrinology and Infertility, Bethesda, MD Staff Physician: Department of Obstetrics and Gynecology, Walter Reed National Military Medical Center, Bethesda, MD July 2010 - present

Chief, Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Keesler USAF Medical Center, Keesler AFB, MS July 2008-June 2010

Chief, Division of Reproductive Endocrinology and Infertility, Vice-Chairman, Department of Obstetrics and Gynecology, Wilford Hall USAF Medical Center, Lackland AFB, TX July 2004-June 2008

Director of In Vitro Fertilization, Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Wilford Hall USAF Medical Center, Lackland AFB, TX July 2001-June 2004

Director of Reproductive Surgery, Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Wilford Hall USAF Medical Center, Lackland AFB, TX July 2000-June 2001

Staff Physician, Department of Obstetrics and Gynecology, Wilford Hall USAF Medical Center, Lackland AFB, TX July 1996-June 1997

#### Academic Appointments:

Associate Professor: Obstetrics and Gynecology Uniformed Services University of the Health Sciences, F. Hebert School of Medicine Bethesda, Maryland Appointed 2009

Assistant Professor: Obstetrics and Gynecology Uniformed Services University of the Health Sciences, F. Hebert School of Medicine Bethesda, Maryland Appointed 2000 (to 2009) Instructor: Department of Obstetrics, Gynecology & Reproductive Biology Harvard Medical School, Boston, Massachusetts Appointed 1997 (to 2000)

Present Position (Military):	Colonel, United States Air Force, Medical Corps (Date of Rank: 26 February 2010)
Certification:	Diplomate of the American Board of Obstetrics and Gynecology, 2001 Board Certified, Obstetrics and Gynecology, 2001 Board Certified, Reproductive Endocrinology and Infertility, 2003 Maintenance of Certification- 2009, 2010, 2011
Active	Texas Medical License
Medical Licenses:	District of Columbia Medical License
Professional Memberships:	American College of Obstetricians and Gynecologists, Fellow American Society for Reproductive Medicine Society of Reproductive Endocrinologists and Infertility Texas Medical Association Bexar County Medical Society

#### **Offices Held (Professional):**

Vice-Chairman: Armed Forces District, American College of Obstetricians and Gynecologists; 2010-present

Chairman: Air Force Section of the Armed Forces District, American College of Obstetricians and Gynecologists; 2007-2010

Vice-Chairman: Air Force Section of the Armed Forces District, American College of Obstetricians and Gynecologists; 2004-2005

Junior Fellow Secretary-Treasurer, Armed Forces District, American College of Obstetricians and Gynecologists; 1996-1997

Junior Fellow Chairman Air Force Section of the Armed Forces District, American College of Obstetricians and Gynecologists; 1995-1996

Junior Fellow Vice-Chairman Air Force Section of the Armed Forces District, American College of Obstetricians and Gynecologists; 1994-1995

#### **Committees- University/Institutional:**

Member: Student Promotion Committee, Uniformed Services University of the Health Sciences, Bethesda, MD; 2011 – present

Member: Graduate Medical Education Committee, Uniformed Services University of the Health Sciences, Bethesda, MD; 2011 – present

Module Director: Reproduction and Endocrinology Module, Committee of Module Directors, Uniformed Services University of the Health Sciences, Bethesda MD; 2010 – present

Member: Credentials Committee, Keesler USAF Medical Center, Biloxi, MS; 2008-2010

Member: Hand-washing Committee, Wilford Hall USAF Medical Center, Lackland AFB, TX; 2007-2008

Alternate Chairperson: Institutional Review Board, Wilford Hall USAF Medical Center, Lackland AFB, TX; 2005-2008

Primary Member: Institutional Review Board, Wilford Hall USAF Medical Center, Lackland AFB, TX; 2001-2005

Member: Invasive Procedures Committee, Wilford Hall USAF Medical Center, Lackland AFB, TX; 2000-2002

#### **Committees- National:**

Member: American College of Obstetrics and Gynecology- Committee on Continuing Medical Education; 2010 - present

Member: Society of Assisted Reproductive Technology- Practice Committee; 2007 – present

American College of Obstetrics and Gynecology- CREOG Examination Committee Vice Chair and Section Head, REI, 2009-2011 Section Head, REI, 2008-2009

American College of Obstetrics and Gynecology-CREOG Examination Committee-Subspecialty Interests Vice Chair, 2007-2008 Member, 2003-2005, 2006-2007

#### **Professional Positions and Service:**

Director, Gynecologic Minimally Invasive Surgery and Hands-On Anatomical Dissection and Surgical Techniques, Uniformed Services University of the Health Sciences, Bethesda, MD, April 3-6, 2011 and March 28-30, 2012

Postgraduate Course Co-Director, Medical and Surgical Management of Common Fertility Issues, American College of Obstetricians and Gynecologists Annual Meeting, San Francisco, CA, May 15, 2010, and Washington, D.C., April 30, 2011

Abstract Reviewer for the Committee on Scientific Program, American College of Obstetricians and Gynecologists Annual Clinical Meeting; 2011, 2012

Abstract Reviewer for the Committee on Scientific Program, American Society for Reproductive Medicine Annual Meeting; 2011, 2012

Member, Air Force Obstetrical Patient Safety Task Force; 2008-2011

Air Force Graduate Medical Education Integrated Forecast Board, Obstetrics and Gynecology Panel; 2007-present

Expert Reviewer for Obstetrics and Gynecology, Air Force Malpractice Review Board; 2006-present

Scientific Chair, American College of Obstetricians and Gynecologists-Armed Force District Annual Meeting, San Antonio, TX, October 22-26, 2003

Specialty Chairman, Obstetrics and Gynecology Session, Society of Air Force Clinical Surgeons, San Antonio, TX, April 1-4, 2001

#### Awards (Professional and Personal):

Eagle Scout, Boy Scouts of America, 1984

Resident Teacher of the Year, Department of Obstetrics and Gynecology, David Grant USAF Medical Center, Travis AFB, CA, 1994

Resident Award for Academic Excellence, Department of Obstetrics and Gynecology, David Grant USAF Medical Center, Travis AFB, CA, 1995 and 1996

American College of Obstetricians and Gynecologists Mead Johnson Junior Fellow Clinical Meeting Award, San Francisco, CA, 1995 Fellow Award, Best Scientific Paper in Urogynecology, American College of Obstetricians and Gynecologist Armed Forces District Annual Meeting, San Antonio, TX, 1999

Leadership Award, Aerospace Medicine Primary Course, School of Aerospace Medicine, Brook AFB, TX, 2005

"America's Top Obstetricians and Gynecologists," Consumers' Research Council of America, 2006, 2007, 2011, 2012

Awards (Military):	Meritorious Service Medal with Bronze Oak Leaf Cluster Air Force Achievement Medal AF Outstanding Unit Award with Silver Oak Leaf Cluster National Defense Service Medal with Bronze Service Star Global War on Terrorism Service Medal AF Longevity Service with Silver Oak Leaf Cluster AF Training Ribbon
Editorial Reviewer:	American Journal of Obstetrics and Gynecology Fertility and Sterility Contemporary Clinical Trials

#### **Refereed Publications:**

- 1. **Propst AM**, Thorp JA. Tramatic vulvar hematomas: conservative versus active management. Southern Medical Journal 1998;91:144-6.
- 2. **Propst AM**, Storti KA, Barbieri RL. Lateral cervical displacement is associated with endometriosis. Fertil Steril 1998;70:568-70.
- 3. Barbieri RL, **Propst AM**. Physical examination findings in women with endometriosis: uterosacral ligament abnormalities, lateral cervical displacement and cervical stenosis. J Gynecol Techniques 1999;5:157-9.
- 4. **Propst AM**, Liberman RF, Harlow BL, Ginsburg ES. Complications of hysteroscopic surgery: predicting patients at risk. Obstet Gynecol 2000;96:517-20.
- 5. **Propst AM**, Quade BJ, Gargiulo AR, Nowak RA, Stewart EA. Adenomyosis demonstrates increased expression of the basic fibroblast growth factor receptor/ligand system compared to autologous endometrium from menopausal women. Menopause 2001;8:368-71.
- 6. **Propst AM**, Hill JA, Ginsburg ES, Hurwitz S, Pollitch J, Yanushpolsky EH. A randomized study comparing Crinone 8% and intramuscular progesterone

supplementation in in vitro fertilization-embryo transfer cycles. Fertil Steril 2001;76:1144-9.

- Propst AM, Quade BJ, Nowak RA, Stewart EA. Granulocyte macrophage colony stimulating factor in adenomyosis and autologous endometrium. JSGI 2002;9:93-7.
- 8. Barrier BF, Leland MM, Bates GW, Leach DA, Robinson RD, **Propst AM**. Efficacy of anti-tumor necrosis factor therapy in the treatment of spontaneous endometriosis in baboons. Fertil Steril 2004;81:775-9.
- 9. Krivak TC, Cooksey C, **Propst AM**. Tubo-ovarian abscess: diagnosis, medical and surgical management. Comprehensive Therapy 2004;30(2):93-100.
- Moseman CP, Robinson RD, Bates GW, Propst AM. Identifying women who will request sterilization reversal in a military population. Contraception 2006;73:512-5.
- 11. **Propst AM**, Bates GW, Robinson RD, Arthur NJ, Martin JE, Neal GS. A randomized controlled trial of increasing recombinant follicle-stimulating hormone after initiating a gonadotropin-releasing hormone antagonist for in vitro fertilization-embryo transfer. Fertil Steril 2006;86:58-63.
- Robinson RD, Casablanca Y, Pagano EK, Arthur NA, Bates GW, Propst AM. Intracervical block and pain perception during the performance of a hysterosalpingogram: a randomized controlled trial. Obstet Gynecol. 2007;109:89-93.
- 13. Joiner LL, Robinson RD, Bates GW, **Propst AM**. Establishing institutional critical values of FSH to predict IVF success. Military Medicine 2007;172:202-4.
- Chiasson M, Arthur NJ, Robinson RD, Bates GW, Propst AM. Measuring estradiol levels after hCG administration in IVF cycles is not clinically useful. Fertil Steril 2007;87(2):448-50.
- Van Horne AK, Bates GW, Robinson RD, Arthur NJ, Propst AM. The impact of low-dose human chorionic gonadotropin supplementation on the success and cost of IVF-ET cycles. Fertil Steril 2007;88(4):1010-3.
- 16. Katariya KO, Bates GW, Robinson RD, **Propst AM**. Does the timing of mock embryo transfer affect in vitro fertilization-embryo transfer implantation and success rates? Fertil Steril 2007;88(5):1462-4.

- 17. Beesley R, Robinson R, **Propst A**, Arthur N, Retzloff M. Impact of day 3 or day 5 embryo transfer on pregnancy rates and multiple gestations. Fertil Steril 2009;91(5):1717-20.
- Fritz MA, Ory SJ, Barnhart KT, Catherino WH, Cedars MI, Collins J, Goldberg JM, Gracia C, Licht M, Liu JH, Racowsky C, Schering-Plough, Schattman G, Schering-Plough, Thomas MA, Rebar RW, La Barbera AR, Schattman G, Schering-Plough, Battaglia D, **Propst A**, Reed M, Sakkas D, Sharara F, Schering-Plough, Vernon M, Widra E. Practice Committee of the American Society for Reproductive Medicine; Practice Committee of the Society for Assisted Reproductive Technology. Guidelines on number of embryos transferred. Fertil Steril 2009;92(5):1518-9.
- 19. Fausett MB, **Propst AM**, Van Doren K, Clark BT. How To Develop An Effective Obstetric Checklist. Am J Obstet Gynecol, 2011;205(3):165-70.
- 20. **Propst AM**, Hill MJ, Bates GW, Palumbo M, Van Horne AK, Retzloff MG. Lowdose human chorionic gonadotropin may improve in vitro fertilization cycle outcomes in patients with low luteinizing hormone levels after gonadotropinreleasing hormone antagonist administration. Fertil Steril 2011;96(4):898-904.
- 21. Wu M, Henne M, **Propst A**. Tax Credits, insurance, and in vitro fertilization in the military. Military Medicine 2012;177(6):745-7.
- 22. Royster GD, Retzloff MG, Robinson RD, King JA, **Propst AM**. Effect of length of controlled ovarian hyperstimulation using a gonadotropin-releasing hormone antagonist on in vitro fertilization pregnancy rates. J Reprod Med. 2012;57(9-10):415-20.

#### **Invited Reviews and Book Chapters:**

- 1. Krivak T, **Propst A**, Horowitz G. Contemporary management of tubo-ovarian abscesses. Female Patient 1997;22:27-44.
- 2. **Propst AM**, Laufer MR. Endometriosis in adolescents: incidence, diagnosis, and treatment. J Reprod Med 1999;44:751-758.
- 3. **Propst AM**, Laufer MR. Diagnosing and treating adolescent endometriosis. Contemporary Ob/Gyn 1999;44:52-9.
- 4. **Propst AM**, Laufer MR. Diagnosing and treating adolescent endometriosis. Contemporary Pediatrics 2000;17:71-8.

- 5. **Propst AM**, Hill JA. Anatomical factors in recurrent pregnancy losses. Seminars in Reproductive Medicine 2000;18:341-50.
- 6. Krivak TC, **Propst AM**. Tubo-ovarian abscess: diagnosis and management. Female Patient 2001;26:43-9.
- 7. Hill MJ, **Propst AM**. The use of rLH, HMG, and hCG in controlled ovarian stimulation for assisted reproductive technologies. In Atef M.M. Darwish (ed). Update on Assisted Reproduction. First edition. Rijeka, Croatia: Intech 2012
- 8. **Propst AM**, Bates GW Jr. Evaluation and treatment of anovulatory and unexplained infertility. Obstet Gynecol Clin North Am. 2012 Dec;39(4):507-19.
- 9. Bates GW Jr, **Propst AM**. Polycystic ovarian syndrome management options. Obstet Gynecol Clin North Am. 2012 Dec;39(4):495-506.

#### Letters:

- 1. **Propst AM**, Barbieri RL. Endometriosis- back to the basics with physical examination? Fertil Steril 1999;71:777-8.
- 2. **Propst A**, Ginsburg E, Yanushpolsky E. The difference that makes a difference? Fertil Steril 2002;78:882-4

#### **Additional Presented Abstracts:**

- 1. Propst AM, Pescatore E, Henry BL, Christman E. Evaluation of incisional bupivacaine in reducing postoperative pain and narcotic use. Armed Forces ACOG District Meeting, Reno, Nevada, Nov 1994.
- Propst AM, Cypher R, Leonardi M. External cephalic version at term: predictors of success. Air Force Clinical Surgeons Annual Meeting, Sacramento, California, Apr 1997.
- Propst AM, Nowak RA, Stewart EA. Messenger RNA for the FSH receptor is present in human endometrium. Society for Gynecologic Investigation. Chicago, IL, Mar 2000.
- 4. Stewart EA, Kanuho V, Fair AV, Propst AM, Wise LA, Harlow BL, Quade BJ. Proliferating cell nuclear antigen staining of the largest leiomyoma predicts recurrence risk after myomectomy. Society for Gynecologic Investigation. Toronto, Canada Mar 2001.

- Hamilton CA, Leach DA, Propst AM. Endoscopic resection of an obstructing longitudinal vaginal septum in a virginal adolescent with uterus didelphys. American College of Obstetricians and Gynecologist- Armed Forces District, Honolulu, HI, Oct 2002.
- 6. Patel AI, Robinson RD, Adams JE, Propst AM, Bates GW. Bone mineral density and diminished ovarian reserve: a prospective study. American College of Obstetricians and Gynecologist- Armed Forces District, Honolulu, HI, Oct 2002.
- Robinson RD, Sweezy M, Propst AM, Bates GW. A prospective, double-blind, randomized, controlled trial comparing the effects of clomiphene citrate plus metformin versus clomiphene citrate alone on pregnancy rates in chronic anovulatory hyperandrogenic women. American College of Obstetricians and Gynecologist-Armed Forces District, Honolulu, HI, Oct 2002.
- 8. McCullough D, Robinson RD, Propst AM, Bates GW. Cesarean deliveries associated with specific etiologies of secondary infertility. American College of Obstetricians and Gynecologist- Armed Forces District, San Diego, CA, Oct 2004.
- 9. Villegas TP, Robinson RD, Propst AM, Bates GW, Arthur NJ. Day 12 and day 14 human chorionic gonadotropin (hCG) levels after embryo transfer predict pregnancy outcome. American College of Obstetricians and Gynecologist- Armed Forces District, San Diego, CA, Oct 2004.
- 10. Bates GW, Propst AM, Robinson RD, Neal GS, Martin JA, Poole TR. Strategies to reduce higher order multiples in ART. Proceedings of the American Society of Reproductive Medicine Annual Meeting, Philadelphia, PA, Oct, 2004.
- 11. Van Horne AK, Robinson RD, Bates GW, Arthur NJ, Neal GS, Propst AM. The impact of low luteinizing hormones levels on implantation and pregnancy rates in IVF-ET cycles using recombinant FSH and ganirelix acetate. Pacific Coast Reproductive Society, Indian Wells, CA, May 2005.
- 12. Beesley R, Robinson RD, McCullough D, Propst AM, Bates GW. Oocyte number is not a predictor of length of gestation in IVF pregnancies. American College of Obstetricians and Gynecologist- Armed Forces District, Seattle, WA, Nov 2005.
- 13. Palumbo M, Van Horne A, Lo N, Propst A. Human chorionic gonadotropin supplementation improves pregnancy and implantation rates in patients with low LH levels undergoing IVF-ET with a GnRH antagonist protocol. American College of Obstetricians and Gynecologist- Armed Forces District, Louisville, KY, Oct 2007.
- 14. Lo N, Robinson R, Gould C, Katariya K, Propst A, King J, Arthur N, Retzloff M. Influence of body mass index on in vitro fertilization outcomes. American College of Obstetricians and Gynecologist- Armed Forces District, Louisville, KY, Oct 2007.

- 15. Thoppil JJ, Retzloff MR, Groll JM, Frattarelli JL, Robinson RD, Propst AM. Preovulatory versus ovulatory intrauterine insemination in controlled ovarian hyperstimulation cycles. American College of Obstetricians and Gynecologist-Armed Forces District, Louisville, KY, Oct 2007.
- 16. Lowery WJ, Propst AM, Kost ER. Necrotizing fasciitis of the gracillis muscle as a complication of a transobturator tape erosion: a case report. American College of Obstetricians and Gynecologist- Armed Forces District, Louisville, KY, Oct 2007.
- 17. Katariya KO, Robinson RD, Retzloff MG, King J, Lo N, Arthur NA, Propst AM, Armstrong A. An evaluation of in vitro fertilization-embryo transfer outcomes among different ethnic groups. American College of Obstetricians and Gynecologist-Armed Forces District, Louisville, KY, Oct 2007.
- 18. Laky CA, Robinson RD, Propst A, Arthur N, Retzloff MG. Impact of experience of ultrasonographer at embryo transfer in IVF. American College of Obstetricians and Gynecologist- Armed Forces District, Louisville, KY, Oct 2007.
- 19. Weir L, Robinson RD, Retzloff MG, Chiasson MA, King J, Propst AM. Intranasal versus intravenous patient controlled analgesia for post operative pain management following gynecologic surgery: a randomized trial. American College of Obstetricians and Gynecologist- Armed Forces District, Norfolk, VA, Oct 2008.
- 20. Royster GD, Propst AM. Does the length of ovarian stimulation affect pregnancy outcomes in in vitro fertilization and intracystoplasmic sperm injection cycles using a gonadotropin releasing hormone antagonist. American College of Obstetricians and Gynecologist- Armed Forces District, Norfolk, VA, Oct 2008.
- 21. Levy G, Beall S, Payson M, Propst A. Does a fall in serum estradiol levels after hCG administration correlate with lower pregnancy rates in patients undergoing fresh IVF cycles. American Society of Reproductive Medicine, Orlando, FL, Oct 2011.
- 22. Meinhart C, Propst A, Retzloff M, Bates G, Palumbo M, King J. A prospective randomized trial comparing OV-Watch Fertility Predictor versus transvaginal ultrasound follicular monitoring and hCG trigger for intrauterine insemination cycles. Armed Forces District, San Diego, CA, Oct 2011.

#### **Invited Presentations:**

- 1. "Herpes simplex virus": Grand Rounds, Department of Obstetrics and Gynecology, David Grant Medical Center, May 1993.
- 2. "History of Obstetrics and Gynecology": Grand Rounds, Department of Obstetrics and Gynecology, David Grant Medical Center, Mar 1994.

- 3. "Elective abortion": Grand Rounds, Department of Obstetrics and Gynecology, David Grant Medical Center, Nov 1995.
- 4. "History of Obstetrics and Gynecology": Grand Rounds, Department of Obstetrics and Gynecology, David Grant Medical Center, Jul 1995.
- 5. "Contraception, sterilization, and breast diseases": Medical Student Lecture Series, University of the Uniformed Health Services, Jul 1996-June 1997.
- 6. "Common gynecological referrals": Grand Rounds, Department of Medicine, Brooke Army Medical Center, March 25, 1997
- 7. "Premature ovarian failure": Grand Rounds, Department of Obstetrics and Gynecology, David Grant Medical Center, March 15, 1997.
- 8. "Premature ovarian failure": Grand Rounds, Department of Obstetrics and Gynecology, Wilford Hall Medical Center, April 17, 1997.
- 9. "Menopause": Medical Student Lecture Series, Harvard Medical School, February 11, 1998.
- "Contraception": Medical Student Lecture Series, Harvard Medical School, July 15, 1998.
- 11. "Menopause": Medical Student Lecture Series, Harvard Medical School, October 12, 1999.
- 12. "CREOG Review": Lecture to Harvard Obstetrics and Gynecology Residents, December 13, 1999.
- 13. "ERT and HRT: Contemporary Approach To Patient Counseling": December 11, 2001. San Antonio, TX
- 14. "Infertility" Lecture to Uniformed Services University of the Health Sciences 3<sup>rd</sup> year Medical Students, February 1, 2001.
- 15. "Primary and Secondary Amenorrhea" Grand Rounds, Department of Obstetrics and Gynecology, Wilford Hall Medical Center, March 15, 2001.
- 16. "Primary and Secondary Amenorrhea" Grand Rounds, Department of Internal Medicine, Wilford Hall Medical Center, May 20, 2001.
- 17. "CREOG Jeopardy" Grand Rounds, Department of Obstetrics and Gynecology, Wilford Hall Medical Center, January 24, 2002.

- 18. "New Research in HRT and Alternative Therapy" Grand Round, Department of Family Practice, Brooke Army Medical Center, April 10, 2002.
- 19. "Infertility" Resident Lecture Series, Department of Internal Medicine, Wilford Hall Medical Center, May 9, 2002.
- 20. "Primary and Secondary Amenorrhea" Grand Rounds, Department of Obstetrics and Gynecology, Wilford Hall Medical Center, March 1, 2002.
- 21. "Primary and Secondary Amenorrhea" VETC, Tricare Region 6, Dec 12, 2002.
- 22. "Primary and Secondary Amenorrhea", Resident Lecture Series. Department of Internal Medicine, Wilford Hall Medical Center, June 9, 2003.
- 23. "Primary and Secondary Amenorrhea" Grand Rounds, Department of Obstetrics and Gynecology Medicine, Wilford Hall Medical Center, Aug 11, 2003.
- 24. "Menopausal Management 2004", Society of Air Force Clinical Surgeons, San Francisco, CA, April 19, 2004.
- 25. "Sexual Development and Primary Amenorrhea", Grand Rounds, Department of Obstetrics and Gynecology, Wilford Hall Medical Center, August 24, 2004.
- 26. "Ovulation Induction for the Generalists: Optimizing Clomiphene Citrate and Beyond", Clinical Seminar, American College of Obstetricians and Gynecologists Annual Clinical Meeting, San Francisco, CA, May 9, 2005.
- "Ovulation Induction for the Generalists", Clinical Seminar, American College of Obstetricians and Gynecologists Annual Clinical Meeting, Washington, DC, May 6, 2006.
- 28. "Female Sexual Dysfunction" Grand Rounds, Department of Obstetrics and Gynecology Medicine, Wilford Hall Medical Center, May 20, 2006.
- "Ovulation Induction for the Generalists", Clinical Seminar, American College of Obstetricians and Gynecologists Annual Clinical Meeting, San Diego, CA, May 7, 2007.
- 30. "Primary and Secondary Amenorrhea" Grand Rounds, Department of Obstetrics and Gynecology, Wilford Hall Medical Center, Aug 10, 2007.
- "Ovulation Induction for the Generalists", Clinical Seminar, American College of Obstetricians and Gynecologists Annual Clinical Meeting, New Orleans, LA, May 5, 2008.

- 32. "Ovulation Induction 201" Grand Rounds, Department of Obstetrics and Gynecology, Keesler Medical Center, Keesler AFB, MS, Aug 13, 2008
- 33. "Ovulation Induction 201" Grand Rounds, Department of Obstetrics and Gynecology, Miami Valley Hospital, Wright State University School of Medicine, Dayton, OH, Nov 26, 2008
- 34. "Ovulation Induction for the Generalists", Clinical Seminar, American College of Obstetricians and Gynecologists Annual Clinical Meeting, Chicago, IL, May 4, 2009.
- 35. "Ovulation Induction for the Generalist", Grand Rounds, Resident Research Day, Naval Medical Center, Portsmouth, Portsmouth, VA, Jun 18th, 2009.
- 36. "Ovulation Induction for the Generalist", Grand Rounds, Department of Obstetrics and Gynecology, Keesler Medical Center, Keesler AFB, MS, Aug 19, 2009
- "Ovulation Induction 201" Grand Rounds, Department of Obstetrics and Gynecology, San Antonio Military Medical Center, Lackland AFB, TX, Feb 4, 2010
- "Medical and Surgical Management of Common Fertility Issues", American College of Obstetricians and Gynecologists Annual Clinical Meeting, San Francisco, CA, May 15, 2010
- 39. "Ovulation Induction 201" Grand Rounds, Department of Obstetrics and Gynecology, Creighton University, Omaha, NE, June 24, 2011
- 40. "Infertility" Fellow Lecture Series, National Institutes of Health, Bethesda, MD, August 13, 2010
- "Evaluation of Infertility" and "Clomid/IUI" Grand Rounds, Department of Obstetrics and Gynecology, Walter Reed Army Medical Center, Washington, DC, Apr 30, 2011
- "Medical and Surgical Management of Common Fertility Issues", American College of Obstetricians and Gynecologists Annual Clinical Meeting, Washington, DC, Apr 30, 2011
- 43. "Infertility" Fellow Lecture Series, National Institutes of Health, Bethesda, MD, August 24, 2011
- 44. "Evaluation of Infertility" Grand Rounds, Department of Obstetrics and Gynecology, Walter Reed National Military Medical Center, Bethesda, MD, Mar 15, 2012
- 45. "Female Infertility and Evaluation" Grand Rounds, Department of Obstetrics and

Gynecology, Brooke Army Medical Center, San Antonio, TX, Jun 21, 2012.

- "Female Infertility and Evaluation" Grand Rounds, Department of Obstetrics and Gynecology, Walter Reed National Military Medical Center, Bethesda, MD, Aug 2, 2012
- 47. "Infertility" Fellow Lecture Series, National Institutes of Health, Bethesda, MD, August 22, 2012
- 48. "GnRH Antagonists" Grand Rounds, Combined Federal Fellowship in Reproductive Endocrinology, Bethesda, MD, Sep 4, 2012
- "Treatment of Infertility" Reproduction and Endocrinology Module (2<sup>nd</sup> year Medical Students), Uniformed Services University for the Health Sciences, Bethesda, MD, Sep 11, 2012

### **Grant Support:**

1. **Principal Investigator**: A randomized, controlled trial of increasing exogenous gonadotropins after initiating Antagon for IVF-ET cycles. 2002- Educational Grant, Organon - **\$250,000** 

2. **Principal Investigator**: A randomized trial comparing OV-Watch fertility predictor versus transvaginal ultrasound follicle monitoring and hCG trigger for intrauterine insemination cycles, Unrestricted Educational Grant, HealthWatch Systems, 2006, \$20,000