

**COLLEGE OF MEDICINE CURRICULUM VITAE**

BRADLEY J. VAN VOORHIS, M.D.

August, 2012

**I. EDUCATIONAL AND PROFESSIONAL HISTORY**

A. Institutions Attended:

Education

<u>Institution</u>	<u>Date Attended</u>	<u>Field of Study</u>	<u>Degree Obtained</u>
Iowa State University	1977 - 1980	Pre-Medicine	B.S - 1981
University of Iowa College of Medicine	1980-1984	Medicine	M.D - 1984

Post-Graduate Medical Education

Medical College of Virginia	1984-88	Resident, Dept. of OB/Gyn
Brigham & Women's Hospital - Harvard Medical. School	1988-90	Fellow, Reproductive Endocrinology
University of Iowa Administrative Institute	1997	
Institutional Leadership Development Program, University of Iowa	Spring 2001	
Iowa Leadership Development Program	2011	

Certification & Licensure

Certification:

American Board of Obstetrics & Gynecology	Dec. 1992 Re-certified 2004 - present
Board Certified Reproductive Endocrinology	April 1994 Re-certified 2004 - present

Licensure

Iowa	1990	Permanent	27480
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B. Professional & Academic Positions Held:

*Academic*

July 1988	Instructor	Harvard Medical School
July 1990	Assistant Professor	Univ. of Iowa College of Medicine
July 1995	Associate Professor	Univ. of Iowa College of Medicine
July 1997	Division Director	Reproductive Endocrinology
July 2001	Professor	Univ. of Iowa College of Medicine
July 2003	Director	Reproductive Endocrinology Fellowship Program
Dec. 2003	Director	IVF Program at UIHC
March 2012	Vice-Chairman	Dept of Ob-Gyn at the University of Iowa

C. Honors, Award, Recognitions, Outstanding Achievements

1983	Alpha Omega Alpha- National Medical Honor Society	
1983	Phi Beta Kappa	
1987	Recipient of Berlex Resident Education Award	
1983	Recipient of 1983 Oxford Univ. Scholarship to study at Radcliffe Infirmary	
1990	Prize Paper Award	Obstetrical Society of Boston
1990	Prize Paper Award	American Fertility Society National recognition for Embryo Adoption Program in USA Today newspaper as lead article
2000	Research Initiative Award	Awarded by <u>Obstetrics &amp; Gynecology</u> for outstanding research
2001-present	Included in <i>Best Doctors</i>	Selected by peers
2001-2010	Board Examiner	American Board of Obstetrics & Gynecology (General Boards)
2003	Named F.K. "Ted" Chapler Professor of Reproductive Endocrinology	
2005	Program Prize Paper Award	American Society for Reproductive Medicine Annual Meeting
2006	Program Prize Paper Award	American College of Obstetrics and Gynecology Annual Meeting
2006-present	Board Examiner	American Board of Obstetrics & Gynecology

(REI subspecialty boards)

2009	Program Prize Paper Award	American Society for Reproductive Medicine Annual Meeting- Resident In-Training Award for Research
2010	Elected as Fellow	American Gynecological and Obstetrical Society (AGOS)
2011	Named as "Top Doctor" with special recognition as being in the top 1% of a specialty as judged by peers	US News and World Report
2012	Prize Poster Award- Dr. Rosenbluth on miRNA in the human blastocyst	University of Iowa Medical Research Day

## II. TEACHING

A. Teaching assignments on semester by semester basis.

### Classroom, Seminar or Teaching Laboratory

1991-present	Yearly, Lecture to 1st yr. medical students - "Human embryology – fertilization and IVF"	1 hour	Lecture 100%
1994-present	Yearly participant in the University of Iowa Visiting Professor Program, speaking on topics of infertility management, management of ovarian masses and recurrent pregnancy loss	2-3 hrs.	Lecture 100%
1991-present	Yearly participant in the Introduction to Clinic Medicine, Ob/Gyn lectures to second year medical students	2-4 hrs.	Lecture 100%
1994 – 2005	Organize the Gyn Teaching conferences for medical students & Ob/Gyn residents. This is weekly conference covering basic gynecology and primary care topics.		
1995-present	Yearly participant in the orientation lectures to incoming Ob/Gyn interns. Principles of Laparoscopic Surgery	2 hrs	Lecture 100%
1996-2010	Coordinate the education of 4 <sup>th</sup> year medical students during elective on the Reproductive Endocrinology Service.		
2002- 2005	Foundations of Clinical Practice IV. Teach History and exam skills to 1 <sup>st</sup> year medical students	6 – 4 hr sessions	100%

Clinical Teaching (in ward, clinic or operating room)

1990-present	Reproductive Endocrine Clinic	48 weeks/yr	15 hrs/week
1990-present	Gynecology Operating Room	48 weeks/yr	6 hrs/week
1997-present	Gynecology Ultrasonography Unit	48 weeks/yr	15 hrs/week

B. Students supervised

Student Counseling

1992-95	3 senior medical students	10 hours/year
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Students supervised for research projects

1993	Ann Wilhoite M1	Ovarian volume and effects of fertility
1995	Norma Rae M3	Benign gynecologic ultrasonography
1994	Alvina Driscoll, MD	Effects of obesity on ovulation induction
1998	Mia Clevenger, MD, R3-4	SIS findings in symptomatic and asymptomatic women. Winner of research award for residents
1999	Mary Tjarks, M.D., R3-4	Treatment of uterine polyps: short-term follow-up
2000	Alison Mall, M.D., R3-4	Endometrial ablation – an outcomes based study
2001	Deborah DeWaay, M1-2	Natural history of endometrial polyps
2002	Ginny Ryan, MD, R3-4	Multiple birth and assisted reproduction
2003	Christine Olson, MD, R3	Birth defects after infertility treatment
2003	Amy Eicholz, MD, R3	Operative note dictation
2003	Tori Moss, M1	Ovulation induction protocols
2005	Jennifer King, M1	Skewed x-inactivation after IVF
2005	Rachel Maassen, MD, R4	Delayed child bearing
2006	Christine Broadwell, R4	Birth defects in anovulatory women
2006	Danielle Berdahl, R4	Enlarged embryonic yolk sac – outcomes of pregnancy
2009	Nusayba Bagegni, M4	Effect of obesity on infertility treatment outcomes
2012	Erin Eppsteiner	Predictors of variability in oocyte yield with IVF

Fellows Trained

<u>Year completed</u>	<u>Name</u>	<u>Current position</u>
2006	Ginny Ryan, M.D.	University of Iowa faculty
2007	Christopher Sipe, M.D.	Physician, private practice
2009	Mika Thomas, M.D.	Physician, private practice
2010	Lindsay Mains, M.D.	Physician, private practice
2012	Evan Rosenbluth, M.D.	Physician, private practice
2013	Jessica Kresowik, M.D.	In training

## C. Other contributions to institutional programs

Institutional conferences, grand rounds, journal clubs

1990 - Present	Conferences, Grand Rounds	52	3 hrs/week
1990	"Ovulation Induction" University of IA Postgraduate Conference Speaker		100%
1991	"Intra-uterine inseminations" University of IA Postgraduate Conference Speaker		100%
1992	"GnRH agonist in gynecologic care" University of IA Postgraduate Conference Speaker		100%
1993-00	Responsible for organization of the Gynecology Teaching Conference	½ hr/wk	100%
1993	"Laparoscopic surgery" University of IA Grand Rounds	1 hr.	lecture 100%
1994	"Laparoscopic surgery in gynecology" University of IA, Dept. of Surgery, Postgraduate Conference Speaker	1 hr.	lecture 100%
1994	"LAVH - pros & cons" University of IA Postgraduate Conference Speaker	1 hr.	lecture 100%
1994	"Surgical management of abnormal uterine bleeding" University of IA Grand Rounds	1 hr.	lecture 100%
1996	"Adhesion prevention in gynecologic surgery" University of Iowa Postgraduate Conference speaker	1 hr.	lecture 100%
1997	"Cost-effective infertility treatment" University of IA Grand Rounds	1 hr.	lecture 100%
1997	"Saline infusion sonography" University of IA Postgraduate Conference Speaker	1 hr.	Lecture 100%
1998	"Evaluation and treatment of abnormal vaginal bleeding" Iowa City Family Practice Grand Rounds, Iowa City, IA	1 hr.	Lecture 100%
1999	Invited Speaker "Cost effective evaluation of the infertile couple" University of Iowa, Dept. OB/GYN Post graduate Conference	1 hr.	Lecture 100%

*Institutional conferences, grand rounds, journal clubs continued*

1999	Invited Speaker "Medical ethical issues in establishing a donor embryo program" University of Iowa Bioethics Forum.	1 hr.	Lecture 100%
1999	"Ultrasonography in Gynecology" University of Iowa Grand Rounds	1 hr.	Lecture 100%
1999	"Infertility" Broadlawns Medical Center Visiting Professor Program, Des Moines, IA	1 hr.	Lecture 100%
1999	"Cost-effective infertility evaluation and treatment" University of Iowa Department of Family Practice	1 hr.	Lecture 100%
2000	"Dysfunctional uterine bleeding", University of Iowa Dept. of Family Practice	1 hr.	Lecture 100%
2001	"Leiomyomata uteri – new treatment options. Invited speaker. University of Iowa, Department of OB/GYN Post Graduate Conference	1 hr.	Lecture 100%
2002	"Abnormal uterine bleeding – evaluation and management", University of Iowa, Dept. of OB/GYN, Grand Rounds	1 hr.	Lecture 100%
2002	"Polycystic ovarian syndrome – diagnosis and management" Visiting Professor Program, Broadlawns Medical Center, Des Moines, IA	1 hr.	Lecture 100%
2002	"Getting gametes together and beyond" Resident Research Day, Dept. OB/GYN, University of Iowa	1 hr.	Lecture 100%
2002	"Office infertility practice: what's new?" University of Iowa, Dept. OB/GYN, Annual Post Graduate Conference	1 hr.	Lecture 100%
2002	"Infertility after 35: Implications of treatment for the woman and fetus. Women's Health Conference, Iowa City, IA	1 hr.	Lecture 100%
2002	"Endocrinologic aspects of acne vulgaris in women" Fall meeting of the Iowa Dermatological Society.	1 hr.	Lecture 100%
2003	"Prevention and treatment of bleeding during laparoscopy." University of Iowa, Dept. OB/GYN, Annual Post Graduate Conference	1 hr.	Lecture 100%
2004	"Laparoscopic management of adnexal masses." University of Iowa, Dept. of OB/GYN, Annual Post Graduate Conference	1 hr.	Lecture 100%
2004	"Complications of infertility treatment", University of Iowa, Grand Rounds	1 hr.	Lecture 100%
2004	"Multiple gestations and infertility treatments" Law Symposium "Creating life-examining the legal, ethical and medical issues of ART". At University of Iowa College of Law	1 hr.	Lecture 100%

*Institutional conferences, grand rounds, journal clubs continued*

2004	"Maintaining reproductive function after cancer treatment: Sofield Oncology Conference, University of Iowa	1 hr	Lecture 100%
2005	"Basic infertility evaluation" Refresher course for the Family Physician. University of Iowa	1 hr.	Lecture 100%
2005	"Complications of infertility care." University of Iowa, Dept. of OB/GYN, Annual Post Graduate Conference	1 hr.	Lecture 100%
2005	"Laparoscopic supracervical hysterectomy" University of Iowa, Dept. of OB/GYN, Annual Post Graduate Conference	1 hr.	Lecture 100%
2005	"What's new at the University of Iowa Reproductive Endocrinology Division" University of Iowa, Dept. of OB/GYN, Annual Post Graduate Conference	1 hr.	Lecture 100%
2006	"Evaluation and management of abnormal uterine bleeding in the emergency room" Department of Emergency Medicine, University of Iowa	1 hr.	Lecture 100%
2006	"New innovations in infertility care" University of Iowa, Department of Obstetrics & Gynecology, Annual Post-Graduate Conference	1 hr.	Lecture 100%
2006	"Hyperandrogenism in women – clinical correlates" University of Iowa, Department of Dermatology Grand Rounds	1 hr.	Lecture 100%
2007	"Gynecologic Ultrasound-new issues" University of Iowa, Department of Obstetrics & Gynecology, Grand Rounds	1 hr.	Lecture 100%
2008	"Uterine fibroids - evidence-based practice" University of Iowa, Department of OB/GYN, Grand Rounds	1 hr.	Lecture 100%
2008	"Centers of Excellence in Perinatal Medicine" Delivered on July 1, 2008 to University of Iowa President Sally Mason	1 hr	Lecture 100%
2009	"Secondary Amenorrhea" Lecture in the resident lecture series- University of Iowa residents	1 hr	Lecture 100%
2010	"Evaluation of the Infertile Couple- What is new?"- University of Iowa, Department of OB/GYN, Grand Rounds	1 hr	Lecture 100%
2010	"Evidence-Based Treatment of the Infertile Couple"- University of Iowa resident lecture series	1 hr	Lecture 100%
2011 and annually	"Gynecologic Ultrasound- a hands on tutorial for residents"	2 hrs	Lecture 100%

Teaching Committees

Officer, Society for Reproductive Endocrinology and Infertility, Continuing Medical Education Committee. 2000-2007

CME Committee of American Society for Reproductive Medicine- 2001-2007

### III. SCHOLARSHIP

Publications or creative works

Peer reviewed papers

- 1 Clark C, Nj, Van Igen, **Van Voorhis B**: Efficacy of greater trochanteric osteotomy fixation. Iowa Orthopaedic Journal 1983;3:76-82.
- 2 **Van Voorhis B**, Cruikshank D: Colon carcinoma complicating pregnancy: A report of two cases. J Reprod Med 1989;34:923-927.
- 3 **Van Voorhis B**, Matt D, Tedeschi M, Steingold K: Comparison of in vitro bioavailability of progestational agents into the rat uterus and liver and the effect of plasma protein binding. Am. J. Obstet Gynecol 1989;161:1698-1703.
- 4 **Van Voorhis B**, Anderson D, Hill J: The effects of RU 486 on immune function and steroid – induced immunosuppression us G in vitro. J Clin Endocrinol Metab 1989;69:1195-1199.
- 5 Stomper P, **Van Voorhis B**, Ravnika V, Meyer J: Mammographic changes associated with postmenopausal hormone replacement therapy: A longitudinal study. Radiology 1990;174:487-490.
- 6 **Van Voorhis B**, Huettner P, Clark M, Hill J: Immunohistochemical localization of prostaglandin H synthase in the female reproductive tract and in endometriosis. Am J Obstet Gynecol 1990;163:57-62.
- 7 **Van Voorhis B**, Martinez A, Mayer K, Anderson D: Detection of human immuno-deficiency virus Type I in blood and semen by the polymerase chain reaction DNA amplification technique. Fertil Steril 1991;55:588-594, 1991. (Reviewed in Science News Vol 138;18:286.)
- 8 Anderson DJ, Politch JA, Martinez A, **Van Voorhis BJ**, Padian NS, O'Brien TR: White blood cells and HIV-1 in semen from vasectomized seropositive men. Lancet 1991;338:573.
- 9 **Van Voorhis B**, Williamson R, Gerard J, Hammitt D, Syrop C: Use of oocytes from anonymous, matched fertile donors for prevention of heritable genetic diseases. J Med Genetics 1992;29:398-399.
- 10 **Van Voorhis B**, Snyder G, Longo J: Effects of quinacrine on egg activation: a possible role for phospholipase A<sub>2</sub> in sea urchin fertilization. Invertebrate Reproduction and Development 1992;21:33-41.



*Peer reviewed papers continued*

- 11 **Van Voorhis B**, Schwaiger J, Syrop C, Chapler FK: Early diagnosis of ovarian torsion by color Doppler ultrasonography. *Fertil Steril* 1992;58:215-217.
- 12 **Van Voorhis B**, Syrop C, Hammitt D, Dunn M, Snyder G: Effect of smoking on ovulation induction for assisted reproductive techniques. *Fertil Steril* 1992;58:985-985. (Reviewed in *Obstet Gynecol Survey*).
- 13 Hammitt DG, Syrop CH, **Van Voorhis BJ**, Walker DL, Miller TM, Barud KM. Maturational asynchrony between oocytes-cumulus morphology and nuclear maturity in GnRH-a stimulations. *Fertil Steril* 1993;59:375-381.
- 14 Hammitt DG, Syrop CH, **Van Voorhis BJ**, Walker DL, Miller TM, Barud KM, Hood CC: Prediction of nuclear maturity from cumulus-coronal morphology: influence of embryologist experience. *J Asst Reprod and Genetics* 1992;9:439-446.
- 15 **Van Voorhis BJ**, Dunn MS, Falck JR, Bhatt RK, VanRollins M, Snyder GD: Metabolism of arachidonic acid to epoxyeicosatrienoic acids by human granulosa cells may mediate steroidogenesis. *J Clin Endocrinol Metab* 1993;76:1555-1559.
- 16 Wenstrom KD, Syrop CH, Hammitt DG, **Van Voorhis BJ**: Increased risk of monozygotic twinning associated with assisted reproduction. *Fertil Steril* 1993;60:510-514.
- 17 **Van Voorhis BJ**, Neff TW, Syrop CH, Chapler FK: Primary hypothyroidism associated with multicystic ovaries and ovarian torsion in an adult. *Obstet Gynecol* 1994;83:885-887.
- 18 **Van Voorhis BJ**, Dunn, MS, Snyder GD, Weiner CP: Nitric oxide: an autocrine regulator of human granulosa-luteal cell steroidogenesis. *Endocrinology* 1994;135:1799-1806.
- 19 **Van Voorhis BJ**, Syrop CH, Vincent R, Sparks AET: Tubal versus uterine transfer of cryopreserved embryos: a prospective, randomized trial. *Fertil Steril* 1995;63:578-583.
- 20 Vincent RD, Syrop CH, **Van Voorhis BJ**, Chestnut DH, Sparks AET, McGrath JM, Choi WW, Bates JN, Penning DH: An evaluation of the effect of anesthetic technique on reproductive success after laparoscopic pronuclear stage transfer (PROST): propofol-nitrous oxide versus isoflurane-nitrous oxide. *Anesthesiology* 1995:352-358.
- 21 **Van Voorhis BJ**, Syrop CH, Allen BD, Sparks AET, Stovall DW: The efficacy and cost effectiveness of embryo cryopreservation compared with other assisted reproductive techniques. *Fertil Steril* 1995;64:647-650.
- 22 Syrop CH, Willhoite A, **Van Voorhis BJ**: Ovarian volume: a novel predictor for assisted reproduction. *Fertil Steril* 1995;64:1167-71.
- 23 **Van Voorhis BJ**, Moore K, Strijbos P, Nelson S, Baylis S, Grzybicki D, Weiner CP: Expression and localization of inducible and endothelial nitric oxide synthase in the rat ovary: effects of gonadotropin stimulation in vivo. *J Clin Invest* 1995;96:2719-2726.
- 24 Weiner CP, Thompson LP, **Van Voorhis BJ**: The role of nitric oxide in female reproduction. *Fetal and Maternal Medicine Review* 1995;7:175-205.

*Peer reviewed papers continued*

- 25 Stovall DW, **Van Voorhis BJ**, Mattingly KL, Sparks AET, Chapler FK, Syrop CH: The effectiveness of sublingual progesterone administration during cryopreserved embryo transfer cycles: results of a matched follow-up study. *Fertil Steril*. 1996;65:986-991.
- 26 Snyder, GD, Holmes RW, Bates JN, **Van Voorhis BJ**: Nitric oxide inhibits aromatase activity: mechanisms of action. *J Steroid Biochemistry and Molecular Biol* 1996;58:63-69.
- 27 **Van Voorhis BJ**, Dawson JD, Stovall DW, Sparks AET, Syrop CH: The effects of smoking on ovarian function and fertility during assisted reproduction cycles. *Obstet and Gynecol* 1996;88:785-91.
- 28 Sandlow JI, Donovan JF, Sparks AET, Syrop CH, **Van Voorhis BJ**, Stovall DW. Microsurgical Epididymal Sperm Aspiration: New hope for infertile couples. *Iowa Medicine* 1996;86:367-368.
- 29 **Van Voorhis BJ**, Sparks A, Allen B, Stovall D, Syrop C, Chapler FK. Cost-effectiveness of infertility treatment: a cohort study. *Fertil Steril* 1997;67:830-836.
- 30 **Van Voorhis BJ**, Stovall DW. Autoantibodies and infertility; a review of the literature. *J Reprod Immun* 1997;33:239-256.
- 31 Stovall DW, Parrish SB, **Van Voorhis BJ**, Hahn SJ, Sparks AET, Syrop CH. Uterine leiomyomas reduce the efficacy of assisted reproduction cycles: results of a matched follow-up study. *Human Reprod* 1998;13:192-197.
- 32 **Van Voorhis BJ**, Sparks AET, Syrop CH, Stovall DW. Ultrasound-guided aspiration of hydrosalpinges is associated with improved pregnancy and implantation rates after in vitro fertilization cycles. *Human Reprod* 1998;13:736-739.
- 33 **Van Voorhis BJ**, Stovall DW, Allen, BA, Syrop CH. Cost-effective treatment of the infertile couple. *Fertil Steril* 1998;70:995-1005.
- 34 Stovall DW, **Van Voorhis BJ**, Sparks AET, Adams LM, Syrop CH. Selective early elimination of luteal support in assisted reproduction cycles using a gonadotropin-releasing hormone agonist during ovarian stimulation. *Fertil Steril* 1998;20:1056-1062.
- 35 **Van Voorhis BJ**. Infertility treatment: what is a cost-effective approach? *Drug Benefit Trends* 1998;10:20-29.
- 36 Erickson SS, **Van Voorhis BJ**. Intermenstrual bleeding secondary to cesarean scar diverticula: report of three cases. *Obstet Gynecol* 1999;93:802-805.
- 37 Lallas TA, Mehaffey PC, Lager DJ, **Van Voorhis BJ**, Sorosky JI. Malignant cervical schwannoma: an unusual pelvic tumor. *Gynecologic Oncology* 1999;72:238-242.
- 38 **Van Voorhis BJ**, Grinstead DM, Sparks AET, Gerard, JL, Wier, RF. Establishment of a successful donor embryo program: medical, ethical and policy issues. *Fertil Steril* 1999; 71:604-608.

*Peer reviewed papers continued*

- 39 Stewart EA, Sahakian M, Rhoades A., **Van Voorhis BJ**, Nowak, RA. Messenger ribonucleic acid for the gonadal luteinizing hormone/human chorionic gonadotropin receptor is not present in human endometrium. *Fertil Steril* 1999;71:368-372.
- 40 Clevenger-Hoeft M, Syrop CH, Stovall DW, **Van Voorhis BJ**. Sonohysterography in premenopausal women with and without abnormal bleeding. *Obstet Gynecol* 1999;94:516-520.
- 41 Syrop CH, Dawson JD, Husman KJ, Sparks AET, **Van Voorhis BJ**. Ovarian volume may predict assisted reproductive outcomes better than follicle stimulating hormone concentration on day 3. *Human Reprod* 1999;14:1752-1756.
- 42 Stovall DW, Allen BD, Sparks AET, Syrop CH, Saunders RD, **Van Voorhis BJ**. The cost of infertility evaluation and therapy: findings of a self-insured healthcare plan. *Fertil Steril* 1999; 72:778-784.
- 43 **Van Voorhis BJ**, Dokras A, Syrop CH. Bilateral undescended ovaries: association with infertility and treatment with in vitro fertilization. *Fertil Steril* 2000;74:1041-1043.
- 44 Tjarks M, **Van Voorhis BJ**. Treatment of benign endometrial polyps *Obstet Gynecol* 2000;96:886-889.
- 45 **Van Voorhis BJ**, Sparks ET, Syrop CH. Decision to do IUI or IVF-sperm count? *Fertil Steril* 2001;76:1087.
- 46 Zhang M, Shi H, Segaloff DL, **Van Voorhis BJ**. Expression and localization of the luteinizing hormone receptor in the female mouse reproductive tract. *Biol of Reprod* 2001;64:179-187.
- 47 **Van Voorhis BJ**, Barnett M, Sparks AET, Syrop CH, Rosenthal G, Dawson J. Effect of the total motile sperm count on the efficacy and cost-effectiveness of infertility treatments. *Fertil Steril* 2001;75:661-668.
- 48 **Van Voorhis BJ**, Romitti PA, Jones MP. Family history as a risk factor for development of uterine fibroids – results of pilot study and literature review. *J Reprod Med* 2002;47:663-669.
- 49 DeWaay DJ, Syrop CH, Nygaard IE, Davis WA, **Van Voorhis BJ**. Natural history of uterine polyps and fibroids. *Obstet Gynecol* 2002;100:3-7.
- 50 Mall A, Shirk G, **Van Voorhis BJ**. Previous tubal ligation is a risk factor for hysterectomy following rollerball endometrial ablation. *Obstet Gynecol* 2002;100:659-664.
- 51 Armstrong V, Hansen W, **Van Voorhis BJ**, Syrop CH. Detection of cesarean scars by transvaginal ultrasound. *Obstet Gynecol* 2003;101:61-65.

*Peer reviewed papers continued*

- 52 Ryan GL, Zhang SH, Dokras A, **Van Voorhis BJ**. The desire of infertility patients for multiple births. *Fertil Steril* 2004;81:500-504.
- 53 Eicholz A, **Van Voorhis BJ**, Sorosky JI, Smith BJ, Sood AK. Operative note dictation should it be taught routinely in residency programs? *Obstet Gynecol* 2004;103:342-6.
- 54 Ryan GL, **Van Voorhis BJ**. The desire of infertile patients for multiple gestations-do they know the risks? *Fertil Steril* 2004;81:526.
- 55 Gross JN, Clay DL, Harper C, Stockman A, **Van Voorhis BJ**, Syrop CH. Assisted reproductive technology: counseling and disclosure with children. *Children's Healthcare* 2004;33:123-31.
- 56 Van Weert JM, Repping S, **Van Voorhis BJ**, van der Veen F, Bossuyt PM, Mol BW. Performance of the postwash total motile sperm count as a predictor of pregnancy at the time of intrauterine insemination: a meta-analysis. *Fertil Steril* 2004;82:612-20
- 57 **Van Voorhis BJ**, Greensmith JO, Dokras A, Sparks AET, Simmons ST, Syrop CH. Hyperbaric oxygen and ovarian follicular stimulation for in vitro fertilization: a pilot study. *Fertil Steril* 2005;83:226-228.
58. Ryan GL, Moss V, Davis WA, Sparks AET, Dokras A, **Van Voorhis BJ**. A combination of oral induction agents with low-dose gonadotropin injections and IUI is more cost-effective than gonadotropins and IUI alone and is clinically as effective. *J Reprod Med* 2005;50:943-50.
59. Olson CK, Keppler-Noreuil KM, Romitti PA, Budelier WT, Ryan G, Sparks AET, **Van Voorhis BJ**. In vitro fertilization is associated with an increase in major birth defects. *Fertil Steril* 2005;84:1308-15
60. Dokras A, Bochner M, Hollinrake E, Markham S, **Van Voorhis B**, Jagaisa D. Screening women with polycystic ovarian syndrome for metabolic syndrome. *Obstet Gynecol* 2005;106:131-7.
61. M Wald, AET Sparks, J Sandlow, **B Van-Voorhis**, CH Syrop, CS Niederberger. Computational models for prediction of IVF/ICSI outcomes with surgically retrieved spermatozoa. *Reprod BioMed Online* 2005, 11(3): 325-331
62. **Van Voorhis B**. Genitourinary symptoms in the menopause transition. *Am J Med* 2005;118 (12:supplement2):47-53.

*Peer reviewed papers continued*

63. **Van Voorhis B.** Outcomes of assisted reproductive technology. *Obstet Gynecol* 2006;107:183-200.
64. Dokras A, Baredziak L, Blane J, Syrop C, **Van Voorhis BJ**, Sparks A. Obstetric outcomes after in vitro fertilization in obese and morbidly obese women. *Obstet Gynecol* 2006;108:61-9.
65. Ryan GL, Stolpen A, **Van Voorhis BJ.** An Unusual Cause of Adolescent Dysmenorrhea. *Obstet Gynecol* 2006;108:1017-1022
66. Dokras A, Jagasia DH, Maifeld M, Sinkey CA, **Van Voorhis BJ**, Haynes WG. Obesity and insulin resistance but not hyperandrogenism mediates vascular dysfunction in women with polycystic ovary syndrome. *Fertil Steril* 2006, 86:1702-1709
67. Sipe CS, Maifeld M, Davis WA, **VanVoorhis BJ.** A prospective randomized trial comparing anastrozole and clomiphene citrate in an ovulation induction protocol utilizing gonadotropins. *Fertil Steril* 2006, 86:1676-1681
68. Silberstein T, Saphier O, **Van Voorhis BJ**, Plosker SM. Endometrial polyps in reproductive-age fertile and infertile women. *ISR Med Assoc J* 2006; 8(3):192-95. Review
69. Hollinrake E, Abreu A, Maifeld, M, **Van Voorhis BJ**, Dokras A. Increased risk of depressive disorders in women with polycystic ovary syndrome. *Fertil Steril* 2007; 87:1369-76
70. Ryan GL, Kresowick JD, **Van Voorhis BJ.** Ultrasound- assisted repair of a unique case of distal vaginal agenesis. *Fertil Steril* 2007;87:976
71. Sipe, CS, **Van Voorhis BJ.** Testosterone patch improves ovarian response to gonadotropin stimulation in a patient with Kallmann's Syndrome. *Hum Reprod* 2007;22(5):1380-83
72. **Van Voorhis, BJ.** In Vitro Fertilization. *N Eng J Med* 2007;356:379-386
73. Ryan, GL, Feng X, d'Alva CB, Zhang M, **Van Voorhis BJ**, Pinto EM, Kubias AEF, Antonini SR, Latronico AC, Segaloff DL. Evaluating the roles of follicle-stimulating hormone receptor polymorphisms in gonadal hyperstimulation associated with severe juvenile primary hypothyroidism. *J Clin Endocrinol Metabol* 2007;92(6):2312-1. (Selected as a Faculty of 1000 Medicine "must read" article)
74. **Van Voorhis BJ**, Dokras A. Delayed blastocyst transfer; is the window shutting? *Fertil Steril* 2008;89:31-2.
75. Ryan, GL, Sparks AET, Sipe CS, Syrop CH, Dokras A, **Van Voorhis B.** A mandatory single blastocyst transfer policy with educational campaign in a United States IVF program reduces multiple gestation rates without sacrificing pregnancy rates. *Fertil Steril* 2007;88:354-60

*Peer reviewed papers continued*

76. Kresowick JD, Ryan GL, **Van Voorhis BJ**. Progression of atypical endometrial hyperplasia to adenocarcinoma despite intrauterine progesterone treatment with LNG-IUS. *Obstet & Gynecol.* 2008;111:547-9
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86. Mains LM, King J, Yang B, Sparks A, Murray J, **Van Voorhis BJ**. To determine the relationship between skewed X-chromosome inactivation (XCI) and in-vitro fertilization (IVF). American Society of Reproductive Medicine Poster Session, 2008.
87. Martini SM, Shochet TP, Stegmann BJ, Sparks AET, **Van Voorhis BJ**, Ryan, GL. Patient response to a mandatory single blastocyst transfer policy. 2009. American Society of Reproductive Medicine Poster Session: The Society for Reproductive Endocrinology and Infertility, 2009.
88. Kresowik JDK, Ryan GL, Syrop CH, **Van Voorhis BJ**. Ultrasound Guidance is superior to laparoscopic guidance during hysteroscopic resection of intrauterine synechiae and septa. American Society of Reproductive Medicine: Imaging in Reproductive Medicine Special Interest Group [Oral presentation], 2009.
89. Thomas MR, Sparks AE, Mains LL, Stegmann BJ, Ryan GL, **Van Voorhis BJ**. What do excellent IVF programs do? Oocyte retrieval, embryo transfer and luteal phase support. American Society of Reproductive Medicine Poster Session: Outcome Predictors-Clinical: ART 2, 2009.
90. Mains LM, Blaine J, Stegmann B, Sparks A, **Van Voorhis B**. Effect of multiple gestation on achievement test performance in children conceived by in-vitro fertilization (IVF). American Society of Reproductive Medicine Poster Session: ART In-Vitro Fertilization, 2009
91. Mains LM, Yang B, Christenson L, Mathur S, Sparks A, **Van Voorhis B**. Expression of apolipoprotein A-1 (APOA1) in human preimplantation embryos. American Society of Reproductive Medicine Poster Session: Embryo Biology, 2009.
92. Kresowik JDK, Stegmann BJ, Sparks AET, Ryan GL, **Van Voorhis BJ**. Five-year experience with single embryo transfer (SET) Policy. American Society of Reproductive Medicine [Abstract], 2010.
93. Eppsteiner EE, Stegmann B, **Van Voorhis BJ**, Blaine J, Sparks A. Variation in gestational age at delivery and birth weight in infants born after assisted reproductive technologies based on maternal infertility diagnoses. American Society of Reproductive Medicine [Abstract], 2010.

*Abstracts continued*

94. Kresowik J, Sparks A, **Van Voorhis B**, Clinical predictors of human embryo implantation and pregnancy outcome in mandatory single embryo transfer (MSET) program. American Society of Reproductive Medicine [Abstract], 2011.
95. Rosenbluth EM, Shelton DN, Neff TL, **Van Voorhis BJ**, Goodheart MJ. Lymphoid enhancing factor 1 (Lef-1) is over expressed in benign endometria as body mass index increases. American Society of Reproductive Medicine [Abstract], 2011.
97. Rosenbluth EM, Sparks AE, **Van Voorhis BJ**. Establishing of a pay for performance program for in vitro fertilization (IVF). American Society of Reproductive Medicine [Abstract], 2011.
98. Rosenbluth EM, Christensen L, Devor E, Sparks A, **Van Voorhis BJ**. MicroRNAs in the human blastocyst- evidence for differential expression in aneuploid embryos. Society for Gynecologic Investigation, San Diego 2012
99. Rosenbluth EM, Christensen L, Devor E, Sparks A, **Van Voorhis BJ**. MicroRNAs in the human blastocyst- evidence for differential expression by embryonic sex at the blastocyst stage. Society for Gynecologic Investigation, San Diego 2012
100. Rosenbluth EM, Wells LM, Sparks AE, **Van Voorhis BJ**. MicroRNA in culture media from human blastocysts exhibits a distinct signature that correlates with embryonic chromosomes and IVF outcomes. European Society of Human Reproduction and Embryology, Istanbul, Turkey 2012

B. Areas of Research Interest and Current Projects

Areas of Research Interest

Infertility  
Reproductive Endocrinology  
Benign uterine conditions

Current Projects

Single Embryo Transfer- evaluation of efficacy and patient acceptance.  
Evaluation of prognostic markers for embryo implantation- focus on miRNAs.  
Causes of Birth Defects after IVF.  
Novel ovarian stimulation methods.

C. Published reviews of scholarship

1. Effects of smoking on ovulation induction for assisted reproductive techniques. Review published in *Obstetrics and Gynecological Survey*, May 1992.
2. Smoking effects on fertility. Review published in *ACOG Clinical Review*, March 1997.
3. Cost-effective infertility care. Review published in *OB/GYN News*, 1998.
4. Intrauterine insemination more cost-effective than IVF for some couples. Review published in *Modern Medicine*, April 1999.
5. Donation of cryopreserved embryos is ethical. Review published in *Modern Medicine*, June 1999.

*Published reviews of scholarship continued*

6. "So many studies – so little insight". Editorial regarding my lead article in Obstetrics & Gynecology entitled "Natural history of uterine polyps and leiomyomata". Obstetrics & Gynecology 2002;100(1):1-2.
7. "Tubal ligation a risk factor for hysterectomy." A review of my article in Obstet Gynecol published in ACOG Clinical Review, June 2003, p. 7.
8. Ryan, GL, Feng X, d'Alva CB, Zhang M, **Van Voorhis BJ**, Pinto EM, Kubias AEF, Antonini SR, Latronico AC, Segaloff DL. Evaluating the roles of follicle-stimulating hormone receptor polymorphisms in gonadal hyperstimulation associated with severe juvenile primary hypothyroidism. J Clin Endocrinol Metabol 2007;92(6):2312-1. (Selected as a Faculty of 1000 Medicine "must read" article).

## D. Grants Received.

Federal

Gonadotropin actions in Leydig tumor cells (supplement) (Co-investigator, primary Investigator, Mario Ascoli)	7/95 - 6/97	\$ 70,700
N01-WH-3-2102. Women's Health Initiative (WHI), Ob-Gyn Clinical Investigator. 10 year study.	1998 - 2004	5% salary support

College of Medicine

Biomedical Research Support Grant RR 05372	1990-91	\$5,000
Central Investment Fund for Research Enhancement	1993	\$10,000
Carver Trust Medical Research Initiative Grant	1997-98	\$20,000
Carver Trust Medical Research Initiative Grant	2000-01	\$40,000

Other

Serono Clinical Research Project – Principal Investigator - Intrauterine Insemination (IUI) vs. Metrodin and IUI - a randomized prospective trail	1991-92	\$15,000
Serono Clinical Research Project - Principal Investigator - Use of Metrodin XP in ovulation induction	1993	\$36,000
Berlex Foundation Scholar Award	1994	\$60,000

Protocol 080101-324-US. Principal Investigator. A randomized, double-blind, placebo and active-controlled, parallel, multicenter study to assess the safety and efficacy of 3 ½ day combinations of a 17-β-estradiol/norethindrone acetate transdermal delivery system for relief of menopausal vasomotor symptoms and reduction of endometrial hyperplasia. Funded by Wyeth-Ayerst	09/01/97 - 06/01/99	\$150,094 - 2% salary support
Serono Protocol 9696A – Principal Investigator. A phase III trial to study the safety and efficacy of recombinant human follicle stimulating hormone (Gonal-F™).	02/1998 - 02/1999	\$7,564 2% salary support
Protocol 0915A1-206-US. Co-Investigator. A multi-center, randomized, open-label pilot study to evaluate the effects on coagulation, endocrine, lipid and carbohydrate parameters of 4-trimegestone/ethinyl estradiol oral contraceptive regimens and Estrostep & Fe. Funded by Wyeth-Ayerst.	09/01/97- 09/01/1998	\$44,045 - 3% salary support
Protocol H3S-US-GGIJ. Principal Investigator. Effects of transfer from hormone replacement therapy (HRT) to Raloxifene hydrochloride on health-related quality of life in post menopausal women. Funded by Eli Lilly & Co.	10/01/1997- 12/01/1998	\$96,594 - 4% salary support
Protocol 0915A1-211-US Principal Investigator. A randomized, double-blind, multicenter study to evaluate the effects on cycle control of 3 Trimegestone/ Ethinyl estradiol regimens.	10/1999- 06/2000	\$58,680- 1% salary support
Protocol FPI-FSH-2000-05 Principal Investigator. Phase III Ferring Pharmaceutical Study	11/2000 - 12/31/2001	\$94,250
Protocol BPI-25. Principal Investigator. A pilot study of deslorelin and estradiol with and without testosterone in women with endometriosis.	04/2000 – 03/2002	\$63,296 – 1% salary support
Obermann Center for Advanced Studies Spelman Rockefeller (CASSPR) Grant Principal Investigator. "Helping Build Families – One Healthy Baby at a Time".	Approved May 2004. (1 yr.)	\$9,000
VRH-01, WIRB Protocol 20061889, 200702631-11182. Viacell, Inc. Principal Investigator Safety and effectiveness of Viacyte freeze and thaw media kits for the manufacturing of reproductive technology.	08/2007 – 05/2008	\$55,000

#### E. Invited Lectures

1991	"Infertility Treatment" Guest lecturer at the Annual Orlando OB/GYN Society Meeting.	1 hr.	lecture 100%
1992	"Intrauterine inseminations" Grand Rounds Univ. of Nebraska.	1 hr.	lecture 100%

*Invited Lectures continued*

1994	"In Vitro Fertilization" Grand Rounds Univ. of Utah, Dept. of Ob/Gyn.	1 hr.	lecture 100%
1995	"Endoscopic surgery" Grand Rounds Medical College of Virginia.	1 hr.	lecture 100%
1995	"IVF versus tubal surgery" American Society for Reproductive Medicine invited lecturer.	1 hr.	lecture 100%
1998	"Ultrasonography in gynecology" ACOG Meeting, New Orleans, LA.	1 hr.	Round Table 100%
1998	"Cost-effective infertility evaluation" ACOG Meeting, New Orleans, LA.	1 hr.	Round Table 100%
1998	"Cost-effective infertility evaluation and treatment" ASRM Meeting, San Francisco, CA	1 hr.	Round Table 100%
1999	"Development of a donor embryo program", Grand Rounds, Mayo Clinic, Rochester, MN.	1 hr.	Lecture 100%
1999	Invited Speaker "Cost-effective evaluation and management of the infertile couple" Kansas City OB/Gyn Society meeting.	1 hr.	Lecture 100%
1999	Invited Speaker Cambridge Health Resources 3 <sup>rd</sup> Annual Symposium on Infertility Management.	1 hr.	Lecture 100%
1999	Invited Speaker "Establishment of a donor embryo program" American Society for Reproductive Medicine, Toronto, Canada.	1 hr.	Lecture 100%
1999	Invited Lecturer: Infertility Symposium Washington University School of Medicine, St. Louis, MO.	1 hr.	Lecture 100%
2000	"Cost-effective infertility evaluation and treatment" Grand Rounds, University of California at San Francisco.	1 hr.	Lecture 100%
2000	Invited reviewer and speaker. Division of Reproductive Endocrinology Annual Retreat. University of Utah, Salt Lake City, UT.	1 hr.	Lecture 100%
2002	"Cost-effective infertility evaluation and treatment" Invited speaker at Resident Graduation Day, Southern Illinois University, Dept. OB/GYN.	1 hr.	Lecture 100%
2003	"Cost-effective infertility evaluation and treatment" Grand Rounds, Loyola University Medical Center, Chicago, IL.	1 hr.	Lecture 100%
2004	"Endometrial preparation for embryo transfer" 5 <sup>th</sup> Annual Summit Conference, Madison, WI.	1 hr.	Lecture 100%
2004	"Improving outcomes from infertility treatments" Grand Rounds, Harvard university, Boston, MA.	1 hr.	Lecture 100%
2005	"Uterine fibroids- current evaluations and treatment" Presented at the ASRM post-grad course, Montreal, Canada.	1 hr.	Lecture 100%

*Invited Lectures continued*

2005	"Uterine fibroids- reproductive impact" Presented at the ASRM post-graduate course, Montreal, Canada.	1 hr.	Lecture 100%
2005	"Genitourinary symptoms in the perimenopausal woman" NIH State of the Science Conference on Menopause. Bethesda, MD.	1 hr.	Lecture 100%
2006	"Assisted reproductive techniques – current outcomes and challenges" Presented at the Louis L. Freidman Lecture in Reproductive Endocrinology and Infertility at the Annual Autumn Seminar. University of Minnesota.	1 hr.	Lecture 100%
2006	"Assisted reproductive techniques – time for a change of focus" Presented at the Distinguished Lecture Series in Reproductive Endocrinology, Columbia University.	1 hr.	Lecture 100%
2007	"Gynecologic Ultrasound- use in evaluating the infertile couple" Presented at the AIUM post-graduate course, Chicago, IL.	1 hr.	Lecture 100%
2007	"Gynecologic Ultrasound- evaluation of the ovary" Presented at the AIUM post-graduate course, Chicago, IL.	1 hr.	Lecture 100%
2007	"Long-term outcome of infants conceived by IVF and ICSI". International IVF Society meeting, Montreal, Canada.	1 hr.	Lecture 100%
2008	"Evaluation and treatment of uterine fibroids." Case-Conference and Grand Rounds, Beth Israel Medical Center, Harvard Medical School.	1 hr.	Lecture 100%
2008	"Gynecologic ultrasound in the infertile patient" AIUM regional post-graduate course, National Harbor, MD.	1 hr	Lecture 100%
2009	"Benign Uterine Lesions in the Setting of Infertility: Evidence-Based Practice", Grand Rounds, University of Utah School of Medicine, Salt Lake City, UT.	1 hr.	Lecture 100%
2009	"Multiples and IVF: Whose Decision is it?". A. Marsh Poulson Lectureship, University of Utah School of Medicine, Salt Lake City, UT.	1 hr.	Lecture 100%
2009	"Cost-effectiveness of IUI versus IVF" ESHRE Course on Artificial Insemination Genk, Belgium	1 hr	Lecture 100%
2009	"Establishment of a Single Embryo Transfer Program" Grand Rounds, Amsterdam Medical Center The Netherlands	1 hr	Lecture 100%
2009	Twins – Are They a Bad Outcome? American Society of Reproductive Medicine [ASRM Post-Graduate Course], Atlanta, GA	1 hr	Lecture 100%
02009	US Assessment in the Infertility Evaluation. American Society of Reproductive Medicine [ASRM Post-Graduate Course], Atlanta, GA	1 hr	Lecture 100%

*Invited Lectures continued*

2009	Establishing a Successful Elective Single Embryo Transfer Program. American Society of Reproductive Medicine [ASRM Post-Graduate Course], Atlanta, GA	1 hr	Lecture 100%
2010	"Infertility Evaluation- Revisited" Grand Rounds University of Kansas Medical Center in Wichita	1 hr	Lecture 100 %
2010	"Single Embryo Transfer; an Idea Whose Time has Come" Grand Rounds University of Kansas Medical Center in Wichita	1 hr	Lecture 100%
2010	"Infertility Evaluation and Treatment- What's New?" Kansas City Ob-Gyn Society Annual Meeting. 14 <sup>th</sup> Annual John W. Betts, M.D. Lecture	1 hr	Lecture 100%
2010	Ultrasound Evaluation of the Infertile Couple. ASRM Post-Graduate Course. Denver, CO	1 hr	Lecture 100%
2010	Ultrasound Evaluation of the Ovary. ASRM Post-Graduate Course. Denver, CO	1 hr	Lecture 100%
2010	Individualized Management of the Couple with Unexplained Infertility. ASRM. Denver, CO	1 hr	Lecture 100%
2011	Evidence based infertility evaluation and treatment- what's new? Grand Rounds at George Washington University Department of Ob-Gyn (Given at Fairfax Hospital)	1 hr	Lecture 100%
2011	"What do the best IVF programs do?" Presented at the University of South Florida	1 hr	Lecture 100%
2011	"Infertility evaluation and treatment" Penn State Medical Center Fall Ob-Gyn Update. State College, Pennsylvania	1 hr	Lecture 100%
2011	"Multiple birth after IVF- when patient desires and professionalism conflict." Presented at the annual AGOS meeting as part of an ethics panel. Chicago, Ill	1 hr	Lecture 100%
2011	"What constitutes an excellent IVF program – an international perspective." Selected as Moderator for the First Annual Howard and Georgeanna Jones IVF Symposium. ASRM 2011, Orlando, FL	1 hr	Lecture 100%
2012	"Helping Infertile couples- one healthy baby at a time"- Grand Rounds at University of South Florida – Tampa, FL	1 hr	Lecture 100%
2012	"Ovarian Stimulation for the Reproductive Biologist" College of Reproductive Biologists Annual Meeting- Las Vegas, Nevada	1 hr	Lecture 100%
2012	"Communication in an IVF Team" College of Reproductive Biologists Annual Meeting- Las Vegas, Nevada	1 hr	Lecture 100%

Conference Presentation

1996	"Nitric oxide and ovarian function" Invited speaker at Schering Conference, Berkeley, CA.	1 hr.	Lecture 100%
1996	"Cost-effective infertility treatment" Invited speaker Postgraduate Conference Medical College of Virginia, Dept. of OB/GYN.	1 hr.	Lecture 100%
2000	"Cost-effectiveness of Donor Oocytes: Invited speaker at the Art of Donor Oocytes 2000 Meeting, Charleston, SC.	1 hr.	Lecture 100%
2000	Invited as session moderator of Clinical Infertility and Reproductive Endocrinology. American Society for Reproductive Medicine Meeting. October 2000.		
2000	Invited as reviewer of Division of Reproductive Endocrinology. University of Utah College of Medicine.	N/A	N/A
2005	Invited as a reviewer of the IVF/Endocrine Division at the University of Rochester.	N/A	N/A
2007	Invited as a reviewer and consultant for the IVF/Endocrine Division at the University of Rochester.	N/A	N/A
2007	Invited as a reviewer and consultant for the IVF program at the University of Missouri.	N/A	N/A
2007	Invited as a reviewer and consultant for the IVF program at the University of Michigan.	N/A	N/A
2009	Invited as a reviewer and consultant for the IVF Program at Washington University in St. Louis School of Medicine.	N/A	N/A
2010	Invited as a reviewer and consultant for the IVF Program at the University of Kansas Wichita.	N/A	N/A
2011	Invited as speaker and commentator for resident day at George Washington University Department of Ob-Gyn	1 hr	Lecture 100%
2011	Invited as a reviewer and consultant for the IVF program at the University of South Florida		

**IV. SERVICE**

Officer	Society for Reproductive Endocrinology and Infertility
Director at Large	Society for Reproductive Endocrinology and Infertility, elected 2004
Executive Committee	Society of Assisted Reproductive Techniques
Chair	Quality Assurance Committee of the Society of Assisted Reproductive Techniques (SART) from 2007-2010.
Vice President	Society for Reproductive Endocrinology and Infertility (2010)
Nominee	
President	Society for Reproductive Endocrinology and Infertility (2011-2012)
Member	Pitkin/Kamietzky Prize Paper Selection Panel for Obstetrics and Gynecology annually since 2009
Member	Board of Directors- American Society for Reproductive Medicine (2010- current)



## A. Offices held in professional organizations.

### Editorships

Jan 2005-2008. Editorial Board for Obstetrics and Gynecology

July 2011- present Associate Editor for Fertility and Sterility

### Review Panels

Ad hoc reviewer -

*New England Journal of Medicine*

*Endocrinology, Journal of the American Medical Association,*

*Obstetrics & Gynecology (identified as a top 10% of reviewers in 2008, 2009, 2010)*

*Fertility and Sterility,*

*American Journal of Ob/Gyn*

*Human Reproduction*

*Molecular Human Reproduction*

Program Project Reviewer for NIH site visit to UCSF study of infertility, August 24, 1998

### Departmental, collegiate or university committees

1994-1996	Member	Surgical Services Endoscopic Surgery Committee
1996-2002	Member	UIHC Surgical Credentials Committee
1997-present	Member	Coordinating Committee for Clinical Research Center
2000	Member	Search Committee for the Director of the General Clinical Research Center
2001	Member	Review Committee of the Department of Pharmacology
2002-present	Chair	UIHC Surgical Credentials Committee
2003-present	Member	Department of Obstetrics & Gynecology Quality Improvement Committee
2004	Member	Review Committee of the Department of Pathology
2004	Member	Search Committee for Department of Pharmacology faculty member
2006-present	Medical Staff Unit Leader	Hospital emergency incident command system
2007	Member	UIP Marketing and New Initiatives Committee
2006-2009	Member	The University Theil Award selection committee

*Departmental, collegiate or university committees continued*

2009	Chair	Department of Urology ad hoc review panel
2011	Member	Selection committee for the chair position of the Department of Pediatrics

Other

1984	Member	Alpha Omega Alpha
1987	Member	American Fertility Society
1988	Member	American Association of Gynecologic Laparoscopists
1988	Member	Ware Dunn Obstetrics & Gynecology Society
1990	Member	The Endocrine Society
1993	Fellow	American College of Obstetricians and Gynecologists
1996	Member	Society for Gynecologic Investigation
1994	Member	Society of Reproductive Endocrinologists.
2010	Member	American Gynecologic and Obstetric Society

## B. Clinical Assignments since last promotion

Inpatient

1984-1988	Residency	General Obstetrics/Gynecologic patients
1988-1990	Fellowship	Primarily postoperative patients.
1990-present	Staff position	Reproductive Endocrinology inpatients
1990-present	Staff on call	general obstetric patients

Outpatient

1984-1988	Residency	General Obstetric/Gynecologic patients.
1988-1990	Fellowship	Reproductive Endocrinology patients
1990-present	Staff on call	Reproductive Endocrinology Clinic patients