

CURRICULUM VITAE

Michael Scott Opsahl, M.D.

PERSONAL INFORMATION

BUSINESS ADDRESS:

Northwest Center for Reproductive Sciences, 12333 NE 130th Lane, Suite 220, Kirkland, WA 98034

DATE OF BIRTH: July 25, 1953

MARITAL STATUS: Married, 2 children

EDUCATION

B.S.	University of South Carolina, Biology	1974
M.D.	Medical University of South Carolina	1978
INTERNSHIP	Naval Regional Medical Center, Portsmouth, VA, Categorical Obstetrics & Gynecology	1978-1979
RESIDENCY	National Naval Medical Center, Obstetrics & Gynecology, Bethesda, Maryland	1980-1983
FELLOWSHIP	Combined Federal Fellowship in Reproductive Endocrinology, Walter Reed Army Medical Center-National Institutes of Health, Washington, D.C.	1985-1987

BOARD CERTIFICATION AND LICENSURE

Diplomat	National Board of Medical Examiners	1979
Licensure	Virginia, #0101031358	1979-
Diplomat	American Board of Obstetrics-Gynecology	1985
Licensure	Maryland # D46530	1994-
Diplomat	Subspecialty of Reproductive Endocrinology, American Board of Obstetrics-Gynecology, (Recertified)	1994 (2009)
Licensure	Washington #MD00043913	2004-

ACADEMIC APPOINTMENTS

Teaching Fellow	Uniformed Services University of the Health Sciences	1981-1983
Instructor	Uniformed Services University of the Health Sciences	1985-1987
Division Head	Reproductive Endocrinology, National Naval Medical Center	1987-1994
Assistant Professor	Department of Obstetrics & Gynecology, Uniformed Services University of the Health Sciences	1987-1993
Adjunct scientist, Consultant	National Institute of Child Health and Human Development, National Institutes of Health	1987-1994
Associate Professor of Clinical OB-GYN	Department of Obstetrics & Gynecology, Uniformed Services University of the Health Sciences	1993-1994
Clinical Associate Professor of OB-GYN	Department of Obstetrics & Gynecology, Uniformed Services University of the Health Sciences	1994-2004
Infertility Medical Director	Genetics & IVF Institute	2003-2004
Medical Director	Northwest Center for Reproductive Sciences	2005-

SOCIETY MEMBERSHIP

American Fertility Society, 1984
 American College of Obstetricians and Gynecologists, Fellow, 1986
 Scientific Program Chairman, Armed Forces District of the American College of Obstetricians and Gynecologists Annual meeting, November 5-9, 1989.
 Vice-Chairman, Navy Section, Armed Forces District of the American College of Obstetricians and Gynecologists, 1989-1991
 Chairman, Navy Section, Armed Forces District of the American College of Obstetricians and Gynecologists, 1991-1992
 Member, Awards committee, Armed Forces District of the American College of Obstetricians and Gynecologists, 1989-1992
 Chairman, Awards committee, Armed Forces District of the American College of Obstetricians and Gynecologists, 1992
 Society of Reproductive Endocrinologists, American Fertility Society, 1994
 Society for Gynecologic Investigation, Associate Member, 1994-2002
 Washington Gynecologic Society (Society closed), 1995-2003

JOURNAL REVIEWER

Obstetrics Gynecology, Ad-hoc reviewer	1994-
Fertility Sterility, Ad-hoc reviewer	1997-

COMMITTEE MEMBERSHIP & ANCILLARY DUTIES

Navy Graduate Medical Education Selection Board (Bureau of Medicine, US Navy)	1987-1993
Navy Professional Review Board (Bureau of Medicine, US Navy)	1989-1991
Graduate Medical Education Committee (NNMC)	1987-1994
Blood Transfusion Committee (NNMC)	1987-1994
Intern Coordinating Committee (NNMC)	1988-1993
Institutional Review Board, Scientific Review Committee (NNMC)	1989-1994
Admission committee interviewer (USUHS)	1991-1993
Commander, Medical Corps, United States Navy, Retired	1974-1994
Institutional Review Board, Genetics & IVF Institute	1995-2004
Committee Chairman	1999-2004

AWARDS

1. Chairman's award for best endocrinology-infertility paper from a teaching hospital. **Opsahl MS**, Hayslip CC, Baker JR, Klein TA. *Lymphocyte Subsets in Fertile and Infertile Woman*. Armed Forces District-ACOG, 11/88.
2. Scientific poster runner-up award. Hansen KA, **Opsahl MS**, Bennett WA, Cowan BD. *Hydatidiform Mole Extract Stimulates Natural Killer Cell Activity In Vitro*. American Fertility Society Annual Meeting 11/1989.
3. Chairman's award for best endocrinology-infertility paper from a teaching hospital. Hansen KA, **Opsahl MS**, Nieman L, Baker, JR, Klein TA *Natural Killer Cell Activity from Pregnant Subjects is Modulated by RU 486*. Armed Forces District-ACOG, 11/90.
4. NNMC Resident's Day: Best Junior resident paper 1992. Miller B, Klein TA, **Opsahl MS**. *A comparison of the diagnostic accuracy of suspiciously abnormal hysterosalpingograms with laparoscopy in the evaluation of infertility*.
5. NNMC Resident's Day: Best Junior resident paper 1993. Tichenor JR, Bledsoe LB, **Opsahl MS**, Cunningham DS. *Serum complement activity in normal and abnormal human pregnancies*.
6. Award for best paper by a resident (1 of 3). Tichenor JR, Bledsoe LB, **Opsahl MS**, Cunningham DS. *Serum complement activity in normal and abnormal human pregnancies*. Armed Forces District Meeting of ACOG, 11/1993
7. Award for best paper by a reproductive endocrinology fellow. Cunningham DS, Bledsoe LB, Tichenor JR, **Opsahl MS**. *Trophoblast decomplementing activity in first trimester losses*. Armed Forces District Meeting of ACOG, 11/1993
8. Award for best paper by a resident (1 of 3). Gherman RB, **Opsahl MS**, Leiberman R, O'Connor DM.. *The impact of surgical pretreatment with leuprolide acetate on cellularity and mitotic count in leiomyomata pathology specimens*. Armed Forces District Meeting of ACOG, 11/1994
9. Host Award for best clinical paper. **Opsahl MS**, Robins ED, O'Connor DM, Fritz MA. *Sonographic Characteristics of Endometrial and Follicular Development in Serial Clomiphene Citrate-Induced Cycles*. Armed Forces District Meeting of ACOG, 11/1994

INVITED LECTURES

Sponsor	Course	Date
Uniformed Services University of the Health Sciences	Medical Surgical Conference, Garmish Germany, <i>Recurrent abortion, Management of the Infertile Couple, Current management dilemmas in menopause</i>	May 1989
USNH Portsmouth, VA	Visiting Professor, Resident's Day	Jun 1991
Armed Forces District of ACOG	<i>Medical Presentation Graphics on the IBM-PC</i>	Oct 1991 Nov 1992
Uniformed Services University of the Health Sciences	Medical-Surgical Conference, Willingen Germany, <i>Ovulation induction, Androgen excess and hirsutism, Recurrent abortion, Reproductive endocrine case studies</i>	Mar 1992
USNH Portsmouth, VA	Visiting Professor, Resident's Day	Jun 1992
Annual Meeting - Armed Forces District of ACOG	Scientific Program Paper Discussant and Session Moderator	1990-93
Uniformed Services University of the Health Sciences	Advanced laparoscopic surgery course, <i>Adhesiolysis and Tuboplasty, Endoscopic Management of the Adnexal Mass</i>	Sep 1993, May 1994
INOVA Health Care	Nursing Symposia, <i>Ovarian Cryopreservation for Women about to Undergo Cancer Therapy</i>	Jun 1996
GIVF Annual Postgraduate Course	<i>Donor Oocyte IVF and Ovarian Cryopreservation for Women about to Undergo Cancer Therapy</i>	Oct 1996
West Virginia Section of ACOG	<i>Advances in Reproductive Medicine</i>	Oct 1997
Lombardi Cancer Center, Georgetown University	<i>Ovarian Cryopreservation: Its usefulness for women with breast cancer undergoing chemotherapy</i>	Apr 1998
Fairfax Hospital	<i>Grand Rounds - Obstetrics-Gynecology, Reproductive Aging and Oocyte Donation</i>	Apr 1998
MUSC Class 1978 Reunion	<i>Getting Gametes Together: Update in Reproductive Medicine</i>	Jul 1998
Grand Rounds, WRAMC-NNMC	<i>Reproductive Options for Cancer Patients</i>	Sept 1998
ASRM Annual Meeting	<i>Round Table Discussion: Ovarian Cryopreservation</i>	Oct 1998
Annual Turner's Society	<i>Oocyte Donation for Turner's Syndrome Patients</i>	Oct 1999
GIVF Annual Postgraduate Course	<i>Ovulation Induction with clomiphene, Reproductive Surgery in the the ART Era</i>	Sep 2001
GIVF Annual Postgraduate Course	<i>Reproductive Options for Cancer Patients, Embryo cryopreservation</i>	Sep 2002
GIVF Annual Postgraduate Course	<i>Reducing Multiple Gestation Pregnancies from ART</i>	Sep 2003
WA Nurse Practitioner Conference	<i>Male Infertility Overview and Update</i>	Nov 2005
Resolve Annual Education Seminar	<i>Male Infertility in the Era of Assisted Reproduction</i>	May 2006
Resolve Annual Education Seminar	<i>Ovarian Reserve Tesing and Reproductive Aging</i>	May 2008
Evergreen Hospital Medical Center MFM Grand Rounds	<i>Preimplantation Genetic Diagnosis Update</i>	Sep 2008
Jade Institute	<i>Western Medical Approach to Diagnosis and Treatment of Infertility</i>	Nov 2008

GRANTS

1. Normal natural killer cell function in pregnancy. Walter Reed Army Medical Center CID. #87-06-2300-00 Principal investigator. (\$8,000) 1987-88.
2. Characterization of peripheral blood and peritoneal fluid mononuclear cell subsets in fertile and infertile women. Walter Reed Army Medical Center CID. #87-08-2300-00 Principal investigator. (\$15,000) 1987-88.
3. Luteal Function and Endometrial Steroid Receptor Dynamics in Chronic, Clomiphene Citrate-Treated Anovulatory Women. National Naval Medical Center CID. #91-068. Principal investigator. (\$20,000)
4. Serum Complement activity in pregnant recurrent spontaneous aborters. National Naval Medical Center CID. #B92-088. (\$5000) Associate-investigator.
5. The Effect of Clomiphene Citrate Isomers on Ovine Luteal Cell Function and Its Site of Action. National Naval Medical Center CID. #B93-018. Principal investigator. (\$26,000)

GRANTS (CONT.)

6. A comparison of ultrasonographic doppler flow hysterosalpingography with conventional hysterosalpingography. National Naval Medical Center CID. #B93-027. Co-Principal investigator. (\$10,000)
7. The effect of first trimester loss on restoration of the hypothalamic-pituitary-ovarian axis. National Naval Medical Center CID. #B93-023 (\$7000) Associate-investigator. 1993-1994
8. A prospective randomized comparison of sterilization reversal by laparotomy and laparoscopy. National Naval Medical Center CID. #B94-004. Principal investigator. (\$8,000) 1994

PUBLICATIONS

1. **Opsahl MS**, O'Brien WF. *Systemic nocardiosis in pregnancy: A case report*. J Reprod Med 1983;28:621
2. **Opsahl MS**, Klein TA. *The role of laparoscopy in the evaluation of candidates for sterilization reversal*. Fertil Steril 1987;48:546
3. Hayslip CC, Baker JR, Wartofsky L, Klein TA, **Opsahl MS**, Burman KD. *Natural killer cell activity and serum autoantibodies in women with postpartum thyroiditis*. J Clin Endocrinol Metab 1988;66:1089
4. **Opsahl MS**, Klein TA. *Tubal and peritoneal factors in the infertile woman: use of patient history in selection of diagnostic and therapeutic surgical procedures*. Fertil Steril 1990;53:632
5. Hansen KA, Baker, JR, **Opsahl MS**, Nieman L, Klein TA. *Natural killer cell activity from pregnant subjects is modulated by RU 486*. Am J Obstet Gynecol 1992;166:87-90
6. **Opsahl MS**, Pettit DC. *First trimester ultrasound characteristics of patients with recurrent spontaneous abortion*. J Ultrasound Med 1993; 12:507-10.
7. **Opsahl MS**, Miller B, Klein TA. *The predictive value of hysterosalpingography for tubal and peritoneal infertility factors*. Fertil Steril 1993; 60:444-8.
8. **Opsahl MS**. *Outcome of pregnancy after laparoscopy and chromotubation during cycles of conception: A report of three cases*. Obstet Gynecol 1994; 83:902-3.
9. **Opsahl MS**, Hayslip CC, Klein TA, Cunningham DS. *Characterization of peripheral blood and peritoneal fluid mononuclear cell subsets in fertile and infertile women*. Gynecol Obstet Invest 1994; 37:176-79.
10. **Opsahl MS**, Hansen KA, Klein TA, Cunningham DS. *Normal natural killer cell function in early pregnancy*. Gynecol Obstet Invest 1994; 37:226-8.
11. Dembert ML, Dinneen MP, **Opsahl MS**. *Estrogen-induced panic disorder*. Am J Psych 1994; 151:1246.
12. Miller BT, Klein TA, **Opsahl MS**. *The effect of a surgical lubricant on in vivo sperm penetration of cervical mucus*. Fertil Steril 1994; 61:1171-3.
13. Cunningham DS, Bledsoe LB, Tichenor JR, **Opsahl MS**. *Ultrasonographic characteristics of First trimester gestations in recurrent spontaneous aborters*. J Reprod Med 1995 40:565-70.
14. Scott RT, **Opsahl MS**, Leonardi MR, Neal GS, Illions EH, Navot D. *Life table analysis of cumulative pregnancy rates based on the results of ovarian reserve screening and patient age in a general infertility population*. Hum Reprod 10:1706-10, 1995.
15. Tichenor JR, Bledsoe L, **Opsahl MS**, Cunningham DS. *Activation of complement in humans with a first trimester loss*. Gynecol Obstet Invest 39:79-82, 1995.
16. **Opsahl MS**, Dixon NG, Cunningham DS, Robins ER. *Comparison of a single versus multiple semen specimens for screening of male infertility factors*. J Reprod Med 1996; 41:313-5.
17. **Opsahl MS**, Fitz TA, Rexroad CA, Fritz MA. *Effects of enclomiphene and zuclomiphene on basal and gonadotropin-stimulated progesterone secretion by isolated subpopulations of small and large ovine luteal cells*. Hum Reprod 1996; 11:1250-5.
18. Coulam CC, **Opsahl MS**, Sherins RJ, Thorsell LP, Dorfmann A, Krysa L, Fugger E, Schulman JD. *Comparisons of pregnancy loss patterns after intracytoplasmic sperm injection (ICSI) and other assisted reproductive technologies*. Fertil Steril 1996; 65:1157-62.

PUBLICATIONS (CONT.)

19. **Opsahl MS**, Robins ED, O'Connor DM, Scott RT, Fritz MA. *Characteristics of gonadotropin response, follicular development, and endometrial growth and maturation across consecutive cycles of clomiphene citrate treatment.* Fertil Steril 1996; 66:533-9.
20. **Opsahl MS**, Fugger EF, Sherins RJ, Schulman JD. *Preservation of reproductive function before therapy for cancer: New options involving sperm and ovary cryopreservation.* Cancer J Sci Am 1997;3:189-91
21. Young SL, **Opsahl MS**, Fritz MA. *Serum concentrations of enclomiphene and zuclomiphene across consecutive cycles of clomiphene citrate therapy in anovulatory infertile women.* Fertil Steril, 1999;71: 639-44.
22. **Opsahl MS**, Blauer KL, Black SH, Dorfmann A, Sherins RJ, Schulman JD. *Pregnancy rates in sequential in vitro fertilization cycles by oocyte donors.* Obstet Gynecol 2001; 97:201-4.
23. **Opsahl MS**, Blauer KL, Black SH, Thorsell LP, Dorfmann AD. *The number of embryos available for transfer predicts successful pregnancy outcome for women over 39 years with normal ovarian hormonal reserve testing.* J Assist Reprod Genet 2001; 18:551-556.
24. **Opsahl MS**, Thorsell LP, Geltinger ME, Iwaszko MA, Blauer KL, Sherins RJ. *Donor Oocyte Cytoplasmic Transfer Does Not Enhance Implantation of Embryos from Women with Poor Ovarian Reserve.* J Assist Reprod Genet 2002;19(3): 113-117.
25. Lincoln SR, **Opsahl MS**, Blauer KL, Black SH, Schulman JD. *Aggressive outpatient treatment of ovarian hyperstimulation syndrome with ascites using transvaginal culdocentesis and intravenous albumin minimizes hospitalization.* J Assist Reprod Genet 2002;19(4): 159-163.
26. Oktay K, Buyuk E, Veeck V, Zaninovic N, Xu K, Takeuchi T, **Opsahl M**, Rosenwaks Z. *Embryo development after heterotopic transplantation of cryopreserved ovarian tissue.* Lancet 2004;363:837-40.

BOOK CHAPTERS

1. **Opsahl MS**, Robins ED. *Reproductive Surgery.* In: Clinical Reproductive Medicine. Ed. Cowan BD, Seifer DB. Philadelphia: Lippincott-Raven, 1997.

ABSTRACTS

1. **Opsahl MS**, O'Brien, WF. *Systemic Nocardiosis in Pregnancy: A Case Report.*, Armed Forces District Meeting of ACOG, 10/1982.
2. **Opsahl MS**, Cowan BD, Smith J. *Treatment Failures of Clomiphene Citrate Therapy in Women with Luteal Dysfunction.*, Armed Forces District Meeting of ACOG, 10/1983.
3. Winkel C, **Opsahl MS**, Cowan BD. *Clomiphene Citrate Treatment Failures in Women with Endometriosis and Luteal Dysfunction.*, Fertil Steril (Suppl) 1984;41:64.
4. **Opsahl MS**, Navins JP. *Management of the Term Breech Presentation with External Cephalic Version in the Non-teaching Hospital.*, Armed Forces District Meeting of ACOG, 10/1985.
5. **Opsahl MS**, Klein TA. *Sterilization Reversal: A correlation of Tubal Ligation Techniques and Preoperative Laparoscopy.*, Armed Forces District Meeting of ACOG, 10/1986, Abstract 145, page 108.
6. **Opsahl MS**, Klein TA. *The Diagnosis of Tubal or Peritoneal Factors in the Infertile Woman.*, Fertil Steril (Suppl) 1987;48:122.
7. **Opsahl MS**, Hayslip CC, Baker JR, Klein TA. *Lymphocyte Subsets in Fertile and Infertile Women.* Armed Forces District Meeting of ACOG, 11/1988, Abstract 179, page A-67.
8. Hansen KA, **Opsahl MS**, Bennett WA, Cowan BD. *Hydatidiform Mole Extract Stimulates Natural Killer Cell Activity In Vitro.* Fertil Steril (Suppl) 1989;52:72.
9. **Opsahl MS**, Hansen KA, Klein TA, Cunningham DS. *Normal Natural Killer Cell Function in Early Pregnancy.* National Naval Medical Center Academic Competition, 4/90.
10. **Opsahl MS**, Klein TA. *A Practical Classification for Hysterosalpingogram Results.* Armed Forces District Meeting of ACOG, 10/1991

ABSTRACTS (CONT.)

11. **Opsahl MS**, Pettit DC. *The Prognostic Significance of Ultrasound Findings in the First Trimester of Patients with Recurrent Spontaneous Abortion*. Armed Forces District Meeting of ACOG, 10/1991
12. Miller B, Klein TA, **Opsahl MS**. *A comparison of the diagnostic accuracy of suspiciously abnormal hysterosalpingograms with laparoscopy in the evaluation of infertility*. Armed Forces District Meeting of ACOG, 11/1992
13. **Opsahl MS**. *Outcome of pregnancy after laparoscopy and chromotubation during cycles of conception: A report of three cases*. Armed Forces District Meeting of ACOG, 11/1992
14. Tichenor JR, Bledsoe LB, **Opsahl MS**, Cunningham DS. *Serum complement activity in normal and abnormal human pregnancies*. Armed Forces District Meeting of ACOG, 11/1993
15. Cunningham DS, Bledsoe LB, Tichenor JR, **Opsahl MS**. *Trophoblast decomplementing activity in first trimester losses*. Armed Forces District Meeting of ACOG, 11/1993
16. Bledsoe LB, Tichenor JR, **Opsahl MS**, Cunningham DS. *Ultrasonographic characteristics of recurrent spontaneous aborters through the first trimester*. Armed Forces District Meeting of ACOG, 11/1993
17. Dixon N, Cunningham DS, Robins ER, **Opsahl MS**. *Reevaluation of multiple versus a single semen analysis for screening of male infertility factors*. Armed Forces District Meeting of ACOG, 11/1993
18. Miller BT, Klein TA, **Opsahl MS**. *The effect of vaginal lubricants on in vivo sperm penetration of cervical mucus*. Armed Forces District Meeting of ACOG, 11/1993
19. **Opsahl MS**, Fitz TA, Fritz MA. *Effects of enclomiphene and zuclomiphene on basal and gonadotropin-stimulated progesterone secretion by isolated subpopulations of small and large ovine luteal cells*. Armed Forces District Meeting of ACOG, 11/1993
20. **Opsahl MS**, Cunningham DS, Robins ED, Scott RT, Fritz MA. *Sonographic Characteristics of Endometrial and Follicular Development in Serial Clomiphene Citrate-Induced Cycles*. Society for Gynecologic Investigation, 3/94, P-069.
21. Gherman RB, **Opsahl MS**, Lieberman R, O'Connor DM. *Evaluation of the impact of pretreatment with leuprolide acetate on the relationship between cell count and mitoses in uterine leiomyomata*. Armed Forces District Meeting of ACOG, 11/1994.
22. Bledsoe L, Tichenor JR, Cunningham DS, Robins ED, **Opsahl MS**. *Receiver-Operator Characteristic, Efficiency Analysis, and Predictive Value of the Mean Gestational Sac Diameter Minus the Crown-rump Length in Predicting Pregnancy Loss*. Armed Forces District Meeting of ACOG, 11/1994.
23. **Opsahl MS**, Bustillo M, Coulam CC. *Age related life table assessment of the number of embryos necessary for implantation using patients who ultimately achieved a clinical pregnancy: Another definition of in vitro fertilization (IVF) failure*. Society for Gynecologic Investigation, 1995.
24. Coulam CC, Sherins RJ, Thorsell LP, Dorfmann A, **Opsahl MS**, Schulman JD. *Pregnancy loss rates and karyotypic abnormalities after intracytoplasmic sperm injection and conventional IVF*. Society for Gynecologic Investigation, 1995.
25. Thorsell LP, Dorfman AD, Iwazsko MA, Sherins RJ, Coulam CB, **Opsahl MS**, Schulman JD. *The effects of semen quality on embryo morphology after ICSI*. World Congress on In Vitro Fertilization, 1995.
26. **Opsahl MS**, Dorfmann AD, Thorsell LP, Coulam CB, Sherins RJ. *Evidence for impaired oocyte reproductive potential and embryo selection bias in young women establishing pregnancy with IVF or ICSI*. American Society for Reproductive Medicine, Annual Meeting, 1995, Fertil Steril 64:S210, 1995.
27. Belker AM, Sherins RJ, Coulam CB, **Opsahl MS**, Thorsell LP, Dorfmann A, Schulman JD. *High fertilization and pregnancy rates obtained by non-surgical percutaneous needle aspiration of testicular sperm*. American Urologic Association, Annual Meeting, 1996.
28. Coulam CB, **Opsahl MS**, Fugger EF. *Increased preclinical pregnancy loss rates after embryo transfer in stimulated vs. non-stimulated cycles*. American Society for Reproductive Medicine, Annual Meeting, 1996.
29. **Opsahl MS**, Fritz MA. *Serum concentrations of enclomiphene and zuclomiphene across consecutive cycles of clomiphene citrate therapy in anovulatory infertile women*. J Soc Gynecol Invest 1997; 4(Supplement):111A.

ABSTRACTS (CONT.)

30. **Opsahl MS**, Krysa L, Schoener C, Iwaszko M, Thorsell LP, Dorfmann A. *The number of embryos from anonymous oocyte donor cycles directly correlates with pregnancy rates.* J Soc Gynecol Invest 1997; 4(Supplement):173A.
31. **Opsahl MS**, Blauer KL, Black SH, Thorsell LP, Dorfmann AD. *Anonymous oocyte donors maintain high pregnancy rates in consecutive cycles.* J Soc Gynecol Invest 1999; 4(Supplement):111A.
32. **Opsahl MS**, Blauer KL, Black SH, Thorsell LP, Dorfmann AD. *Ovarian response and ovarian reserve testing predict successful pregnancy for women 40 and older.* J Soc Gynecol Invest 1999; 4(Supplement):111A
33. **Opsahl MS**, Geltinger ME, Black SH, Blauer KL, Lincoln SR, Fugger EF. *High-order multiple gestations can be limited by controlling the number of completely intact embryos transferred in frozen-thawed embryo transfer (FET) cycles.* Fertil Steril 2000;74:S100.
34. Lincoln SR, **Opsahl MS**, Blauer KL, Black SH, Schulman JD. *Aggressive outpatient treatment of ovarian hyperstimulation syndrome with ascites using transvaginal culdocentesis and intravenous albumin minimizes hospitalization.* Fertil Steril 2000;74:S165.
35. **MS Opsahl**, ME Geltinger, SH Black, SR Lincoln, S Kulshrestha, KL Blauer. *Factors determining the probability of delivery after frozen-thawed embryo transfer (FET) in 2500 cycles.* J Soc Gynecol Invest 2002.
36. **MS Opsahl**, ME Geltinger, SH Black, SR Lincoln, S Kulshrestha, KL Blauer. *Factors determining embryo (blastomere) survival after cryopreservation of multicellular embryos.* J Soc Gynecol Invest 2002.
37. **MS Opsahl**, KL Blauer, SH Black, SR Lincoln, S Kulshrestha, RJ Sherins. *The cumulative probability of delivery using donor oocytes in 1200 cycles.* J Soc Gynecol Invest 2002.