

CURRICULUM VITAE

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Present Affiliation:

Presbyterian - Harris Methodist ARTS Program
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Harris Methodist Hospital
Associate Medical Director, ARTS Program
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Academic Affiliation:

Clinical Assistant Professor
The University of Texas Southwestern Medical Center at Dallas
Department of Obstetrics and Gynecology
5323 Harry Hines Boulevard
Dallas, TX 75235-9032

Past Affiliation:

1993 - 1998 Assistant Professor
Director, *In Vitro* Fertilization Program
The University of Texas Southwestern Medical Center
Department of Obstetrics and Gynecology
Division of Reproductive Endocrinology and Infertility
Dallas, TX

Education:

- 1991 – 1993 *Fellowship*, Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynecology and the Cecil H. and Ida Green Center for Reproductive Biology Sciences, The University of Texas Southwestern Medical Center, Dallas, TX
- 1987 – 1991 *Internship and Residency*, Department of Obstetrics & Gynecology, Baylor College of Medicine, Houston, TX
- 1983 - 1987 *MD.*, The University of Texas Southwestern Medical Center, Dallas, TX
- 1979 - 1983 *B.A.*, Chemistry, Southern Methodist University (SMU), Dallas, TX

Examinations:

- 1987 Federal Licensing Exam (FLEX)
- 1991 American Board of Obstetrics and Gynecology, General Written Board Exam
- 1993 American Board of Obstetrics and Gynecology, Reproductive Endocrinology and Infertility, Subspecialty Written Board Exam
- 1994 American Board of Obstetrics and Gynecology, General Oral Board Exam (12/9/94)
- 1996 American Board of Obstetrics and Gynecology, Reproductive Endocrinology, Subspecialty Oral Board Exam (3/27/96)

Board Certification:

- 1994 American College of Obstetrics and Gynecology, Fellow
- 1996 Certified for Reproductive Endocrinology and Infertility
- 2004 American Board of OB/GYN, Recertification Exam for Reproductive Endocrinology

License:

Texas Medical License - H3864

Laboratory Experience:

Steroid Biochemistry Lab (1991-1994) Cecil H. and Ida Green Center for Reproductive Biology Sciences. *Director: Paul C MacDonald, MD.*

Surgery Experience:

Laparoscopy Fellowship (1994-1996) Individualized surgical fellowship in operative laparoscopy and hysteroscopy under the direction of D. Alan Johns, M.D., sponsored by Harris Methodist Hospital in Ft. Worth, TX.

Honors:

- Mortar Board, Southern Methodist University, 1982
- Tri-Beta Biology Honorary Society, Southern Methodist University, 1982
- Who's Who in American Colleges and Universities, Southern Methodist University, 1982
- Honor Council, President, Southern Methodist University, 1983
- Senior Executive Committee, Southern Methodist University, 1983
- Vice-President of Class, UT Southwestern Medical School, 1985-1987
- Dallas Area Reproductive Endocrinologists, President, 1998
- Concurrent Session Co-chair, 54th Annual ASRM Meeting, October 7, 1998
- ASRM Annual Meeting Poster Presentation Preliminary Prize Winner Award 1999
- Listed in "Best Doctors in Dallas" article of D Magazine, October, 2001

Listed in “Best Doctors in Dallas” article of D Magazine, October, 2002
Listed in “Best Doctors in Dallas” article of D Magazine, October, 2003
Listed in “Best Doctors in Dallas” article of D Magazine, October, 2004
Listed in “Best Doctors in Dallas” article of D Magazine, October, 2005
Listed in “2004 Texas Super Doctor” article of Texas Monthly Magazine, December, 2004
Listed in “2005 Texas Super Doctor” article of Texas Monthly Magazine, December, 2005
Healthcare Hero Award, *Fort Worth Business Press*, 2005
Listed in “Best Doctors in America 2005 – 2006”

Activities:

Student Senate, Senator, Southern Methodist University, 1980
President, Honor Council, Southern Methodist University, 1981-1982
Senior Executive Committee, Southern Methodist University, 1982-1983
Treasurer, Phi Beta Pi Medical Fraternity, UT Southwestern Medical School, 1984-1985
Attending Graduate Resident Education (AGRE) Committee, Dept. of Ob/Gyn, UT Southwestern Medical Center, 1994-present
Operating Room Committee, Parkland Memorial Hospital, 1995-1997
Harris Methodist Hospital Ethics Committee, 1997
Presbyterian Hospital ARTS Ethics Board, 1997-present

Professional Memberships:

American Association of Gynecologic Laparoscopists
American College of Obstetrics and Gynecology
American Medical Association
American Society for Reproductive Medicine
Dallas Area Reproductive Endocrinologists
Dallas County Medical Society
Society for Male Reproduction and Urology
Society for Reproductive Endocrinology and Infertility
Society of Reproductive Surgeons
Texas IVF Society
Texas Medical Association

Publications:

1. Arici A, Kutteh WH, **Chantilis SJ**, Johns DA, Carr BR 1992 Laparoscopic removal of gonads in women with abnormal karyotypes. *J Reprod Med* **38**:521-525
2. **Chantilis SJ**, Bradshaw KD 1994 Clinical and molecular aspects of steroidogenic enzyme deficiencies. *Infer Reprod Med Clin North Am* **5**:81-104
3. **Chantilis SJ**, McQuitty DA, Preminger GM Marshburn PB 1994 Laparoscopic removal of gonads containing an occult seminoma in a woman with complete androgen resistance. *J AAGL* **1**:277-282
4. **Chantilis SJ**, Milewich L, Sandstad J, Carr BR 1995 Steroid cell tumor associated with primary amenorrhea and virilization. *Endocrine Practice* **1**:330-334
5. **Chantilis SJ**, Byrd WE, Carr BR 1995 The effect of gonadotropin-releasing hormone agonist on thyroid stimulating hormone and prolactin secretion in adult premenopausal women. *Fertil Steril* **64**:698-702
6. Yonkers KA, **Chantilis SJ** 1995 Recognition of depression in obstetrical/gynecological practice. *Am J Obstet Gynecol* **173**:632-638

7. Le SQ, **Chantilis SJ**, Carr BR 1996 Atypical presentation of a vaginal foreign body. *Obstet Gynecol* **88**:736
8. **Chantilis S**, Dombroski R, Shackleton CHL, Casey ML, MacDonald PC 1996 Metabolism of 5 α -dihydroprogesterone in women and men: 3 β - and 3 α -, 6 α -dihydroxy-5 α -pregnan-20-ones are major urinary metabolites. *J Clin Endocrinol Metab.* **81**:3644-3649
9. Kutteh WH, Yetman DL, **Chantilis SJ**, Crain J 1997 Effect of antiphospholipid antibodies in women undergoing in vitro fertilization: role of heparin and aspirin. *Hum Reprod* **12**:1171-1175.
10. Bradshaw KD, **Chantilis SJ**, Carr BR 1998 Diagnostic evaluation and treatment algorithms for the infertile couple. Chapter 27. In: *Textbook of Reproductive*, 2nd edition. Eds: Bruce R. Carr and Richard E. Blackwell. Pub: Appleton and Lange
11. **Chantilis SJ**, Zeitoun KM, Patel SI, Johns DA, Madziar VA 1999 Use of Crinone® for luteal support in in vitro fertilization cycles. *Fertil Steril* **72**:823-829
12. **Chantilis SJ**, Carr BR 2000 Infertility Chapter. In: *Current Therapy in Obstetrics and Gynecology*, 5th edition. Eds: Edward J. Quilligan and Frederick P. Zuspan. Pub: W. B. Saunders Company
13. **Chantilis SJ**, 2000 Ethics: Dilemmas of Third-party Assisted Reproduction. *Dallas Medical Journal* **86**:335-338
14. Kettel LM, Scholl G, Bonaventura L, Pang S, Sacks P, **Chantilis SJ**, Mahony M 2004 Evaluation of a pen devise for self-administration of recombinant human FSH in clomiphene citrate-resistant anovulatory woman undergoing ovulation induction. *Reproductive BioMedicine Online.* **9**:373-380
15. Barmat LI, **Chantilis SJ**, Hurst BS, Dickey RP 2005 A randomized prospective trial comparing gonadotropin-releasing hormone (GnRH) antagonist/recombinant follicle-stimulating hormone (rFSH) versus GnRH-agonist/rFSH in women pretreated with oral contraceptives before in vitro fertilization. *Fertility Steril* **83**:321-330

Scientific Abstracts:

Oral Presentations:

1. Arici A, Kutteh, VM, **Chantilis SJ**. 1992 Laparoscopic removal of gonads in women with abnormal karyotypes. *American Association of Gynecologic Laparoscopists*. 21st Annual Meeting, Chicago, IL
2. **Chantilis SJ**, McQuitty DA, Preminger GM, Marshburn PB. 1993 Laparoscopic removal of gonads containing an occult seminoma in a woman with complete androgen resistance (AR). *American Association of Gynecologic Laparoscopists*. 22nd Annual Meeting, San Francisco, CA
3. Diaz K **Chantilis SJ**, Word RA. 1995 Persistent ectopic pregnancy after conservative laparoscopic procedures at a county teaching hospital. *American Association of Gynecologic Laparoscopists*. 24th Annual Meeting, Orlando, FL
4. Kutteh WH Yetman DL, **Chantilis SJ**, Byrd W, Crain J, Murty GS. 1996 Increased occurrence of early pregnancy loss associated with the presence of anticardiolipin antibodies (ACA) in women undergoing IVF. *American Society for Reproductive Medicine*. 52nd Annual Meeting, Boston, MA
5. Zeitoun K, **Chantilis SJ**. 1997 Laparoscopic excision of a hematometra and hematosalpinx appearing as a large adnexal mass. *The American Association of Gynecologic Laparoscopists*. 26th Annual Meeting, Seattle, WA
6. Williams S, Freije W, Lundquist L, Weaver D, Blankenship L, Carr BR, **Chantilis SJ**. 1999 Oocyte donation: parents' perspective on the creation of a national registry, parental satisfaction, and child disclosure. *American Society for Reproductive Medicine*. 55th Annual Meeting, Toronto, Ontario, Canada.
7. Meintjes M, Madden J, Barnett B, Rodriguez A, **Chantilis SJ**. 2000 Increased incidence of monozygotic twinning when transferring blastocysts: Laboratory or clinical. *American Society for Reproductive Medicine*. 56th Annual Meeting, San Diego, CA
8. **Chantilis SJ**, Barnett B, Douglas J, Rodriguez A, Blankenship L, Meintjes M. 2000 Multiple gestation, pregnancy and implantation rates resulting from day-5 blastocysts in an oocyte donation program. *American Society for Reproductive Medicine*. 56th Annual Meeting, San Diego, CA

9. **Chantilis SJ**, Barnett B, Douglas J, Rodriguez A, Madden JD, Meintjes M. 2000 Multiple gestation rates with blastocyst transfer: should we transfer only one blastocyst? *American Society for Reproductive Medicine*. 56th Annual Meeting, San Diego, CA
10. Crider-Pirkle SS, Rodriguez JA, Douglas JW, Rodriguez AJ, Guerami AR, Barnett BD, **Chantilis, SJ**, Madden JD, Bookout DM, Meintjes M. 2001 The contribution of repeat IVF cycles to the success of final cycle outcome. 17th Annual Meeting of the *European Society of Human Reproduction and Embryology*, Lausanne, Switzerland
11. Meintjes M, Crider-Pirkle SS, Rodriguez JA, **Chantilis SJ**, Bookout DM, Rodriguez AJ, Barnett BD, Douglas JW, Guerami AR, Madden JD. 2001 IVF treatment outcome when considering number of oocytes retrieved and oestradiol concentration on day of HCG administration. Is there an optimum? 17th Annual Meeting of the *European Society of Human Reproduction and Embryology*, Lausanne, Switzerland
12. Meintjes M, Rodriguez JA, **Chantilis SJ**, Crider-Pirkle SS, Rodriguez AJ, Madden JD. 2001 Reduction of multiple pregnancies and elimination of higher order multiple pregnancies by balancing blastocyst quality and patient age. *American Society for Reproductive Medicine*. 57th Annual Meeting, Orlando, FL
13. Meintjes M, Rodriguez J, **Chantilis SJ**, Rodriguez AJ, Barnett B, Madden JD. 2002 Implantation, resorption and live-birth outcomes for day-2 and day-3 embryo transfers compared with the transfer of blastocysts with verified inner cell masses. 18th Annual Meeting of *European Society of Human Reproduction and Embryology*, Vienna, Austria
16. Hill K, Barnett B, Douglas J, Rodriguez A, **Chantilis SJ**, Meintjes M. 2003 The role of patient age when deciding to transfer at the blastocyst stage. Should we be more aggressive with day 3 transfers in older patients? *American Society for Reproductive Medicine*, 59th Annual Meeting, San Antonio, TX
17. Perez A, **Chantilis SJ**, Douglas J, Rodriguez A, Madden J, Meintjes M. 2003 Are ICSI patients compromised when comparing the pregnancy and cryopreservation outcomes with those patients with IVF? A study of more than 3,300 treatment cycles. *American Society for Reproductive Medicine*, 59th Annual Meeting, San Antonio, TX
18. Barmat LI, **Chantilis SJ**, Hurst BS, Dickey RP. 2003 A randomized prospective trial comparing GnRH antagonist/rFSH versus GnRH Agonist/rFSH in women pretreated with oral contraceptives prior to IVF. *American Society for Reproductive Medicine*, 59th Annual Meeting, San Antonio, TX
19. Meintjes M, Madden J, **Chantilis SJ**, Barnett B, Rodriguez A, Bookout D. 2004 hMG addition to standard recombinant FSH ovarian stimulation protocols for IVF. Is it necessary? *American Society for Reproductive Medicine*, 60th Annual Meeting, Philadelphia, PA.
20. Meintjes M, Bookout D, **Chantilis SJ**, Rodriguez A, Douglas J, Madden J 2004 Towards single blastocyst transfers – preliminary experience. *American Society for Reproductive Medicine*, 60th Annual Meeting, Philadelphia, PA.
21. Adriaanse H, Perez O, Barnett B, Madden J, **Chantilis SJ**, Meintjes M. 2004 Assisted hatching of frozen-thawed blastocysts. Does it make a difference? *American Society for Reproductive Medicine*, 60th Annual Meeting, Philadelphia, PA.
22. Marek D, Madden J, **Chantilis SJ**, Kaufmann R, Lynch D., Meintjes M. 2005 The Effect of a Comprehensive Incentive Program on Patient Participation in Elective Single Blastocyst Transfers. *American Society for Reproductive Medicine*, 61st Annual Meeting, Montreal, Quebec.

Poster Presentations:

1. **Chantilis SJ**, Shackleton CHL, Casey ML, MacDonald PC, Dombroski R 1991 Metabolism of intravenously infused [¹⁴C] 5 α -dihydroprogesterone in women. *The Society for Gynecologic Investigation*. 39th Annual Meeting. San Antonio, TX, p 290, Abs# 364
2. **Chantilis SJ**, Yonkers K, Casey ML, MacDonald PC 1993 5 α -Dihydroprogesterone metabolism in sex skin fibroblasts and myometrial smooth muscle cells. *The Society for Gynecologic Investigation*. 41st Annual Meeting. Toronto, Canada, p. 197, Abs# P29

3. **Chantilis SJ**, Casey ML, MacDonald PC 1993 Individual variation of 5 α -dihydroprogesterone among women during the luteal phase of the ovarian cycle. *The Society for Gynecologic Investigation*. 41st Annual Meeting. Toronto, Canada. p. 339, Abs# P314
4. Goodrich S, **Chantilis S**, Rodriguez AJ, Martin LW 1993 Pregnancy results from IVF cycles transferring embryos hatched with acidic tyrodes. *The American Fertility Society*. 49th Annual Meeting, Montreal, Canada
5. **Chantilis SJ**, Marshburn PB, McIntire D, Carr BR, Barnett-Hamm C, Roark M, Byrd W 1994 Retrospective study of male factor infertility treated with intrauterine insemination with husband sperm (IUH). *The American Fertility Society*. 50th Annual Meeting, San Antonio, TX
6. **Chantilis SJ**, Byrd, WE, Carr BR 1995 The effect of gonadotropin-releasing hormone agonist on thyroid stimulating hormone and prolactin secretion in adult premenopausal women. *The Endocrine Society*. 77th Annual Meeting. Washington, DC
7. Easton L, Beavers K Sawetawan C, Tait D, Twickler D, **Chantilis SJ**, Nichols J, Bradshaw K 1995 Use of a single 35 mg/m² intramuscular dose of Methotrexate for the treatment of ectopic pregnancy. *American Society for Reproductive Medicine*. 51st Annual Meeting, Seattle, WA
8. **Chantilis SJ**, Guadiano O, Kutteh WH, Byrd W 1996 Serum progesterone levels, endometrial thickness and pattern on the day of human chorionic gonadotropin (hCG) are not correlated with pregnancy outcome. *American Society for Reproductive Medicine*. 52nd Annual Meeting, Boston, MA.
9. Gell JS, John DA, Carr BR **Chantilis SJ** 1997 Micro-flare gonadotropin releasing hormone agonist protocol for poor responders during in vitro fertilization. *American Society for Reproductive Medicine*. 53rd Annual Meeting, Cincinnati, OH
10. O'Neil J, Lundquist L, Ritter J, **Chantilis SJ**, Carr BR, Byrd W 1998 Should strict morphology be used to indicate the need for intracytoplasmic sperm injection (ICSI)? *American Society for Reproductive Medicine*. 54th Annual Meeting, San Francisco, CA
11. Zeitoun K, Lundquist L, Blankenship L, Madzier V, Byrd W, Carr BR, **Chantilis SJ** 1998 The use of Crinone for luteal phase support after in vitro fertilization and embryo transfer (IVF-ET). *American Society for Reproductive Medicine*. 53rd Annual Meeting, San Francisco, CA
12. Freije WA, Blankenship L, Weaver LD, Lundquist, Carr BR, **Chantilis SJ** 1998 Oocyte donors may undergo controlled ovarian hyperstimulation for up to six cycles with successful pregnancy rates. *American Society for Reproductive Medicine*. 53rd Annual Meeting, San Francisco, CA
13. **Chantilis SJ**, Howard WF, Meintjes, Doherty D, Ward D. 1999 Can the beta-3 integrin assay be used for clinical management prior to oocyte donation? *American Society for Reproductive Medicine*, 55th Annual Meeting, Toronto, Ontario, Canada
14. **Chantilis SJ**, Zeitoun KM, Patel SI, Johns DA, Madziar VA, McIntire DD. 1999 Use of Crinone for luteal support in *in vitro* fertilization cycles. *American Society for Reproductive Medicine*, 55th Annual Meeting, Toronto, Ontario, Canada
15. Meintjes M, Hill K, Rodriguez J, Johnston S, Barnett B, Bookout D, **Chantilis SJ**, Madden J 2000 Comparison of pregnancy and implantation rates for blastocyst transfer after intracytoplasmic sperm injection (ICSI) and routine in vitro fertilization. *European Society of Human Reproduction and Embryology*, 16th Annual Meeting, Bologna, Italy, p.149, #P-129
16. Rodriguez JA, Crider-Prirkle SS, Madden JD, Guerami AR, Douglas JW, Barnett BD, Rodriguez AJ, Bookout DM, **Chantilis SJ**, Meintjes M. 2001 Blastocyst quality, pregnancy and multiple gestation rates. Is it feasible yet to transfer a single blastocyst to a selected patient population? *European Society of Human Reproduction and Embryology*, 17th Annual Meeting, Lausanne, Switzerland, p.127, #P-065
17. Meintjes M, Crider-Pirkle SS, Ward DC, Rodriguez JS, **Chantilis SJ**, Madden JD. 2001 Sex ratio and birthweight outcome when considering blastocyst expansion, multiple gestation, and facility. *American Association for Reproductive Medicine*, 57th Annual Meeting, Orlando, Florida, p. 147, #P-102
18. Meintjes M, Hill K, **Chantilis SJ**, Douglas JD, Barnett BD, Madden JD. 2002 Selective quality blastocyst transfer and blastocyst cryopreservation eliminate twin pregnancies without compromising pregnancy rates. *American Society for Reproductive Medicine*, 58th Annual Meeting, Seattle, Washington, p. 244, #P-388

19. Kettle LM, Scholl G, Bonaventura L, Pang S, Sacks P, **Chantilis SJ**. 2003 Evaluation of Follistim Pen injector for self-administration of Follistim AQ (in cartridge) in Women undergoing ovulation induction. *Pacific Coast Reproductive Society*, 51st Annual Meeting, Rancho Mirage, California, p. S18, #P-19
20. Ward D, Bookout D, **Chantilis SJ**, Guerami A, Madden J, Meintjes M. 2003 Weekend blastocyst transfers. Are patients compromised? *American Society for Reproductive Medicine*, 59th Annual Meeting, San Antonio, Texas, p. S139, #P-57
21. Meintjes M, **Chantilis SJ**, Ward D, Madden J, Bookout, D, Douglas, J. 2003 The balance between optimizing recipient pregnancy outcomes and aggressive oocyte donor stimulation. How many oocytes are enough? *American Society for Reproductive Medicine*, 59th Annual Meeting, San Antonio, Texas, p. S174, #P-158
22. Dickey RP, **Chantilis SJ**, Hurst BS, Barmat LI. 2003 Oral contraceptive pretreatment for scheduling in IVF patients treated with other rFSH/GnRH Antagonist or rFSH/GnRH agonist. *American Society for Reproductive Medicine*, 59th Annual Meeting, San Antonio, Texas, p. S183, #P-183
23. Perez O, Barnett BD, **Chantilis SJ**, Madden JD, Rodriguez AJ, Meintjes M. 2004 ICSI treatment outcomes with testicular-, epididymal- or low-concentration ejaculated sperm. A function of source or concentration? *American Society for Reproductive Medicine*, 60th Annual Meeting, Philadelphia, PA.
24. De Kock A, Rodriguez A, **Chantilis SJ**, Guerami A, Madden J, Meintjes M. 2005 Clinical Outcome and Sex Ratio for Frozen Blastocyst Transfers as Related to Timing of Blastocyst Cryopreservation. *American Society for Reproductive Medicine*, 61st Annual Meeting, Montreal, Quebec S176, #P-68
25. Ward D, **Chantilis SJ**, Madden J, Bookout D, Guerami A, Meintjes M. 2005 Expectations for Blastocyst Cryopreservation and Frozen-Thawed Blastocyst Transfer Outcomes. *American Society for Reproductive Medicine*, 61st Annual Meeting, Montreal S184, #P-91

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