

Susan Bee Altum Hudson, M.D.

Education

Texas A&M University System Health Science Center
College of Medicine, Temple TX
M.D., 1998-2002

Texas A&M University, College Station TX
B.S., Biomedical Science 1994-1998

Texas A&M University-Corpus Christi, Corpus Christi TX
M.B.A., 2023

Postgraduate Training

Residency in Obstetrics and Gynecology
Scott & White Memorial Hospital
Texas A&M University System
July 2002-June 2006

Fellowship in Reproductive Endocrinology and Infertility
Mayo Clinic
Clinical Instructor
July 2006-June 2009

Positions

Partner/Physician
Texas Fertility Center
February 2018-present

Podcast co-Founder and co-Host
Fertility Docs Uncensored
2000-present

Laboratory Director
Ovation-Corpus Christi
April 2025-Present

NPUA Reviewer
Progyny
October 2025-Present

Insurance Expert Reviewer
IMEDECS
Dec 2014-present

Board Member
Fertility Pharmacy of America
April 2025-October 2025

Laboratory Director

Ovation-New Braunfels
November 2018-April 2025

Physician, Owner and CEO
Fertility Institute of Texas, PLLC
September 2012-January 2018

Owner, CEO and Clinical Director
Fertility Analytics, LLC (Andrology laboratory)
March 2015-January 2018
Clinical Director December 2016-April 2017

Speaker
Hologic
May 2017-2023

Physician
Director of 3rd Party Reproduction
RMA of Texas, San Antonio
September 2009-August 2012

Board Certification American College of Obstetrics and Gynecology 2008
Reproductive Endocrinology and Infertility 2011

Licensure Texas L9256
Honors Fellow of the American College of Obstetricians and Gynecologists 2008
Patricia J. Sulak Award for Excellence in Resident Research
Best Paper, Annual Resident Research Day 2005
Best Presentation, Annual Resident Research Day 2004
Magna cum Laude, Texas A&M University 2002
Howard Hughes Medical Institute Internship Program
Teaching Assistant 1995

Research Does the Zona Pellucida Select Fertilizing Spermatozoa for the Ova or
Serve as a Nonspecific Barrier to the Inseminated Sperm Cell Population?
Hudson SBA, Wincek TJ, Pliego JF, Kuehl TJ
Oral presentation, ASRM 2003 Annual Meeting-San Antonio TX

Sperm Cell Aneuploidy in Semen, Swim-up Preparations & the Zona
Pellucida of Ova & Embryos from *In Vitro* Fertilization.
Hudson SBA, Dobin SM, Clawson KJ, Wincek TJ, Pliego JF,
Kuehl TJ
Oral presentation, ASRM 2004 Annual Meeting-Philadelphia PA

Effect of Laser-Assisted Hatching on Pregnancy Rates in Patients
Undergoing Assisted Reproduction
Hudson SBA, Wincek TJ, Pliego JF, Kuehl TJ
Poster presentation, ASRM 2005 Annual Meeting-Montreal QC

Second Anonymous Oocyte Donors Should be Considered in Couples Who Have Failed with a Prior Oocyte Donor
Hudson SBA, Walker DL, Tatpati LL, Morbeck DE
Poster presentation, SGI 2007-Reno NV

Frozen Anonymous Oocyte Donor Cycles: Predictors of Success
Hudson SBA, Walker DL, Tatpati LL, Morbeck DE
Poster Presentation, Pacific Coast Reproductive Society 2007-Rancho Mirage CA

Pre-Implantation Genetic Diagnosis in a Case of Recurrent Trisomy 21 Offspring
Hudson SBA, Gada RP, Walker DL, Fredrickson JR, Morbeck DE, Coddington CC
Poster presentation, ASRM 2007 Annual Meeting-Washington DC

Impact of Sperm Morphology as Assessed by Strict or World Health Organization (WHO) 3rd Edition Criteria on Outcome of Intrauterine Insemination
Hughes PM, Morbeck DE, Wistrom RW, Gonzalez F, Hudson SBA, Coddington CC
Poster presentation, ASRM 2007 Annual Meeting-Washington DC

Ovarian Stromal Hyperthecosis: Sonographic Features and Histologic Associations
Brown DL, Henrichsen TL, Clayton AC, Hudson SBA, Coddington CC, Vella A
Oral presentation, International Society of Ultrasound in Obstetrics and Gynecology 2007 Annual Meeting-Florence Italy

Stimulation & Pregnancy Outcomes in Women >35 with Diminished Ovarian Reserve
Hudson SBA, Gada RP, Morbeck DE, Coddington CC
Poster presentation, SGI 2008-San Diego CA

Closing a Reproductive Endocrinology Division: The Effect on Patients' Emotional Well-Being
Hudson SBA, Tatpati LL, Gera PS, Ehlers SE, Coddington CC
Poster presentation, ACOG 2008 Annual Meeting-New Orleans LA

Factors associated with Ovarian Hyperstimulation Syndrome (OHSS) and the Effect on Assisted Reproductive Technology (ART) Treatment and Outcome
Luke B, Brown MB, Morbeck D, Hudson, SB, Coddington C, Stern JE
Oral presentation, ASRM 2008 Annual Meeting-San Francisco CA

Improved methods of IVF quality control: murine ICM outgrowth and amino acid turnover versus human sperm survival assay and murine embryo assay.

Gada R, Fredrickson J, Walker D, Hudson S, Coddington C, Morbeck D.
Oral presentation, ASRM 2008 Annual Meeting-San Francisco CA

Formation of functional ovarian cysts in IVF cycles does not decrease with prior oral contraceptive use and does not effect ovarian stimulation outcomes.

Khan Z, Gada RP, Hudson SB, Rollene NL, Stewart EA, Coddington CC.
Abstract, ASRM 2008 Annual Meeting-San Francisco CA

The Effect of Gonadal-axis Suppression by Leuprolide on Age-dependent Growth Hormone (GH) Secretion

Hudson, SBA, Erickson D, Bailey JN Mielke KL, Paulo RC, Miles, JM, Bowers CY, Veldhuis JD

Poster presentation, SGI 2009 Glasgow Scotland

Peroxides in mineral oil used for in vitro fertilization: defining limits of standard quality control assays.

Hughes PM, Hudson SBA, Morbeck DE, Fredrickson JR, Walker DL, Coddington CC.

Poster presentation, SGI 2009 Glasgow Scotland

Ovarian hyperstimulation syndrome: an innovative outpatient treatment protocol.

Rollene NL, Hudson SBA, Jensen JR, Coddington CC.

Poster presentation, SGI 2009 Glasgow Scotland

Is Fertilization Rate Effected by Type of Culture Media Used Post-Insemination?

Hudson SBA, Barud KM, Coddington CC, Morbeck DE

Poster presentation, Pacific Coast Reproductive Society 2009

Ability of Tampa Catheter Insertion for Sonohysterogram to Predict Mock Embryo Transfer Difficulty

Hudson SBA, Rollene NL, Amols MH, Coddington CC.

Poster presentation, Pacific Coast Reproductive Society 2009

Crown-rump Length (CRL) and Fetal Heart Rate (FHR) in Early Pregnancy for Infertile Couples Correlate Well with Pregnancy Success at Delivery.

Coddington CC, Amols MH, Hudson SB, Rollene NL, Stewart EA.

Poster presentation, Pacific Coast Reproductive Society 2009

Practicing Physicians Award

Effect of IVF Lead Follicle Size on the Trailing Cohort.

Amols M, Rollene N, Hudson S, Jensen J, Coddington C.

Poster presentation, Pacific Coast Reproductive Society 2009

Treatment of Ovarian Hyperstimulation Syndrome Utilizing a Dopamine Agonist and Gonadotropin Releasing Hormone Antagonist.
Rollene N, Amols M, Hudson S, Coddington C.
Poster presentation, Pacific Coast Reproductive Society 2009

Publications

Eblen, A, Bedient, C, Hudson, S. *The IVF Blueprint*, 2025.

Hudson SBA, Stewart EA. Magnetic resonance-guided focused ultrasound surgery. *Clin Obstet Gynecol*. 2008 Mar;51(1):159-6.

Hudson, SB, Coddington, CC, Walker DL, Fredrickson JR, Morbeck DE. Preimplantation genetic screening in a case of recurrent trisomy 21 offspring. *Fertil Steril*. 2009 March; 91(3): 930.

Brown DL, Henrichsen TL, Clayton AC, Hudson SBA, Coddington CC, Vella A. Ovarian Stromal Hyperthecosis: Sonographic Features and Histologic Associations. *J Ultrasound Med*. 2009 May; 28(5):587-93.

Veldhuis JD, Hudson SB, Erickson D, Bailey JN, Reynolds GA, Bowers CY. Relative effects of estrogen, age, and visceral fat on pulsatile growth hormone secretion in healthy women. *Am J Physiol Endocrinol Metab*. 2009 Aug;297(2):E367-74. Epub 2009 May 26.

Veldhuis JD, Hudson SA, Bailey JN, Erickson D. Regulation of basal, pulsatile, and entropic (patterned) modes of GH secretion in a putatively low-somatostatin milieu in women. *Am J Physiol Endocrinol Metab*. 2009 Aug;297(2):E483-9. Epub 2009 Jun 2.

Luke B, Brown MB, Morbeck D, Hudson, SB, Coddington C, Stern JE. Factors Associated with Ovarian Hyperstimulation Syndrome (OHSS) and its Effect on Assisted Reproductive Technology (ART) Treatment and Outcome. *Fertil Steril*. 2010 Sept; 94(4):1399-404.

Rollene NL, Amols MH, Hudson SB, Coddington CC. Treatment of Ovarian Hyperstimulation Syndrome Using a Dopamine Agonist and Gonadotropic Releasing Hormone Antagonist: a Case Series. *Fertil Steril* 2009 Sep;92(3):1169.e15-7.

Hudson SB, Schroeder DR, Bailey JN, Mielke KL, Erickson D, Miles JM, Bowers CY, Veldhuis JD. Pre- Versus Postmenopausal Age, Estradiol, and Peptide-Secretagogue Type Determine Pulsatile Growth Hormone Secretion in Healthy Women: Studies Using Submaximal Agonist Drive and an Estrogen Clamp. *J Clin Endocrinol Metab*. 2009 Oct 26.

**Professional
Activities &
Committees**

TMA Council on Practice Management Services
2017-2022
Chair 2019-2021

Fertility Pharmacy of America
Retention Committee
2022-2025

Comal County Medical Society
Member 2012-Present

Society for Assisted Reproductive Technology
Member 2011-Present

Bexar County Medical Society
Member 2009-2012

BCMS Women in Medicine Committee
Member 2009-2012

Pacific Coast Reproductive Society
Member 2009-2010

Society for Gynecologic Investigation
Member in Training 2007-2009

American Society of Reproductive Medicine
Member 2006-Present
New Initiatives Committee Member 2009-2011
Abstract Reviewer 2015- 2017

Mayo Clinic Department of Obstetrics and Gynecology
Education Committee
Member 2006-2009

Society for Reproductive Endocrinology and Infertility
Member in Training 2006-Present

Scott & White Department of Obstetrics and Gynecology
Education Committee
Member 2003-2006

Scott & White Department of Obstetrics and Gynecology
Research Committee
Member 2002-2006

Texas Association of Obstetricians and Gynecologists
Member 2002-Present

Texas A&M Society of Future Obstetricians, Gynecologists, and
Women's Health Care Professionals
Co-Founder and Charter Vice President of Public Relations 2001-2002

American College of Obstetricians and Gynecologists
Fellow 2002-Present

Martha's Clinic for Indigent Patients
Member of the Board of Directors 2000-2002

Women in Medicine at Texas A&M University College of Medicine
Co-President 2001-2002, Secretary 1999-2000

American Medical Association
Member 2002-Present

Texas Medical Association
Member 2002-Present

American Medical Women's Association
Medical Student Member 1998-2002