

Jennifer Lynn Nichols, D.O

Office Addresses

9/2022 Start

IVFMD

8/2010-6/28/2022

Sincera Reproductive Medicine (Prior Abington Reproductive Medicine)

467 Pennsylvania Avenue, Suite 202B, Fort Washington, PA 19034

1245 Highland Avenue, Suite 404, Abington, PA 19001

360 Middletown Boulevard Suite 400, Oxford Square, Langhorne, PA 19047

1690 Sumneytown Pike, Suite 190, Lansdale, PA 19446

120 Valley Green Lane, Suite 202, King of Prussia, PA 19406

2591 Baglyos Circle, Suite 46, Bethlehem, PA 18020

Sincera Surgery Center

467 Pennsylvania Avenue, Suite 202B, Fort Washington, PA 19034

Education/Training

7/07-6/10

*Fellowship Reproductive Endocrinology and Infertility (REI)
Geisinger Medical Center, Danville, PA*

7/04-6/07

*Residency Obstetrics & Gynecology
Mount Clemens Regional Medical Center, Mount Clemens, MI*

7/03-6/04

*Internship Obstetrics & Gynecology Track Program
Mount Clemens General Hospital, Mount Clemens, MI*

8/99-5/03

*Michigan State University College of Osteopathic Medicine (MSUCOM)
East Lansing, MI*

8/95-5/99

*Michigan State University College of Natural Science (Lyman Briggs)
Bachelor of Science Degree - Double major in biology and physiology East Lansing, MI*

Licensure/Certifications

Florida License #OS18799 Issued 4/25/2022 – current

Pennsylvania License #OS014387, issued 04/04/2008-current

DEA FN0841444 Issued 09/13/2019 -10/31/2022

Board certified, AOBOG, Reproductive Endocrinology and Infertility - April 2012 , recert 1/12021 – 12/21/2026

Board certified, AOBOG, Obstetrics and Gynecology - October 2009 – October 2018

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Honors & Awards

Distinguished Fellow ACOOG American College of Osteopathic Obstetricians and Gynecologists - 2018
*Voted Main Line Top Doc Reproductive Medicine in **Main Line Today** (2013, 2014, 2015, 2017,2019,2020,2021)*
*Voted Best Physicians for Women **Suburban Life** 2012, 2013,2019,2020*
3rd place Poster Resident Research Day Statewide Campus System (6/2007) Mount Clemens Regional Medical Center
Nomination James & Linda Johnson Surgical Resident Educator of the Year (2005, 2006, 2007)
Nomination Intern of the Year (2004)
College of Osteopathic Medicine Michigan State University
Fred L. Mitchell Memorial Award – exceptional achievement in the field of OMM AMWA’s Janet M.Glasgow Memorial Achievement Citation Award (2003) Recipient of the Robert B. Swiss Scholarship (2001)
Nomination for National Student D.O. of the Year (2001)
Letters of Commendation: Gross Anatomy, Physiology, Neuroscience, Histology Michigan State University - Lyman Briggs, College of Natural Science
Outstanding Senior Student of the Year (1999) West Bloomfield High School
Summa Cum Laude (1995), Biology Student of the Year (1995)

Professional Organizations

ACCOG - American College of Osteopathic Obstetrics and Gynecology
Board of Trustees 2018 - current
Continuing Medical Education Committee 2014 - 2020
AOA - American Osteopathic Association
AOBOG- Board examiner Subspecialty REI
JTA Committee REI Subspecialty (oral and written exam questions)
ASRM - American Society for Reproductive Medicine PARES – Philadelphia Area Reproductive Endocrine Society
Sigma Sigma Phi National Osteopathic Honor Fraternity- Rush Chair (00-01)
Friendship Clinic Michigan State University (00-01)
Student Osteopathic Academy of Sports Medicine (SOASM) -Vice President (00-01)
Student Osteopathic Medical Association (SOMA) (99-03)
Undergraduate American Academy of Osteopathy (UAAO) (99-03) Student OMM Clinic (00-02)

Professional Activities

<i>ACCOG 87th Annual Conference LaJolla, CA – Virtual</i>	<i>Program Chair</i>	<i>4/20</i>
<i>ACCOG 84th Annual Conference Palm Desert, CA</i>	<i>Program Chair</i>	<i>3/17</i>
<i>AAGL Annual Conference Orlando, FL</i>	<i><u>Poster Presentation</u></i>	<i>11/09</i>
<i>ASRM Annual Conference Atlanta, GA</i>	<i><u>Poster Presentation</u></i>	<i>10/09</i>
<i>UCLA IVF and Embryo Transfer Conference Santa Barbara, CA</i>		<i>7/09</i>
<i>NASPAG Annual Conference San Antonio, TX</i>	<i><u>Poster Presentation</u></i>	<i>4/09</i>
<i>AIUM Annual Conference New York City, NY</i>	<i><u>Oral Presentation</u></i>	<i>4/09</i>
<i>ACCOG Annual Conference Tucson, AZ</i>	<i><u>Poster Presentation</u></i>	<i>3/09</i>
<i>AIUM Ultrasound in Reproductive Medicine and Infertility National Harbor, MD</i>		<i>12/08</i>
<i>ASRM Annual Conference San Francisco, CA</i>	<i><u>Oral Presentation</u></i>	<i>11/08</i>
<i>AAGL Annual Conference Las Vegas, NV</i>	<i><u>Oral Presentation</u></i>	<i>10/08</i>
<i>ACCOG/AOA Fall Conference Las Vegas, NV</i>		<i>10/08</i>
<i>Moonlighting Geisinger OB/Gyn Affiliate Mount Nittany Hosp, State College, PA</i>		<i>8/08 – 5/10</i>
<i>Women’s Health Summit New York, NY</i>		<i>5/08</i>
<i>SGI Annual Conference San Diego, CA</i>	<i><u>Poster Presentation</u></i>	<i>3/08</i>
<i>ASRM Annual Conference Washington DC</i>		<i>10/07</i>
<i>Moonlighting OB Affiliate coverage Bon Secour Hospital, Grosse Point, MI</i>		<i>11/05 – 06/07</i>
<i>Moonlighting OB/Gyn Resident coverage St. John Macomb Hospital, Warren, MI</i>		<i>9/05 -06/07</i>
<i>Participation in MOPSE study - OMT in pneumonia patients</i>		<i>10/04 -06/07</i>
<i>Cranial Academy 40hr Basic Cranial Course East Lansing, MI</i>		<i>7/00 & 7/01</i>
<i>Assisted in MSU Cystic Fibrosis Lab Research with Dr. Doug Luckie</i>		<i>5/98 - 8/98</i>
<i>Lyman Briggs Biology I & II Teacher Assistant</i>		<i>8/97 - 6/99</i>

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Personal Activities

Women's Indoor Soccer Teams (Northumberland and Harrisburg, PA)	4/08 – 6/10
Coach Bloomsburg University Women's Club Soccer Team	1/08 – 5/09
Fund Raising for & Participated in the 3-Day 60 Mile Breast Cancer Walk	8/06
Women's outdoor/indoor soccer team (Plymouth, MI)	6/03 – 06/07
Coed soccer leagues, outdoor and indoor (Berkley & Roseville, MI)	6/02 – 6/05
Chicago Marathon	10/02
Amnesty International (MSU)	10/98 - 8/02
MSU (Michigan State University) Crew Team	8/96 - 12/96
Walked on to and trained with the MSU Varsity Women's Soccer Team	01/96 - 05/96
Intramural (IM) Indoor and Outdoor Soccer at Michigan State University	09/95 - 04/01

Research / Case Reports

Original Research

Sharara F, Seaman E, Morris R, Schinfeld J, Nichols J, Sobel M, Lee A, Somkuti S, Hirshberg S, Travis AJ, et al. Multicentric, prospective observational data show sperm capacitation predicts male fertility, and cohort comparison reveals high prevalence of impaired capacitation in men questioning their fertility. *Reprod Biomed Online*. 2020; 41:69-79.

Van Heertum K, Somkuti S, Nichols J, Schinfeld J, Sobel M, Barmat L. Randomized Controlled Trial of Autologous Endometrial Coculture Versus Traditional in Vitro Fertilization. *J Repromed* 2017;62.

Barmat LI, Nichols JL, Schinfeld JS, Smith SE, Sobel MI, Somkuti SG: Prospective RCT of Autologous Endometrial Coculture Versus Traditional IVF Updated Analysis, Poster, 62nd Annual CME Meeting of Pacific Coast Reproductive Society; March 19-23, 2014.

A Novel Approach to Improved Implantation Rates for IVF Patients, Principal Investigator: Jennifer Nichols, DO and Jay S. Schinfeld, MD. Supported by a grant from Abington Memorial Hospital Innovators Circle. 2013

Barmat LI, Nichols JL, Schinfeld JS, Sobel MI, Somkuti SG, Nice P, Galante G: Randomized Trial of Harp Therapy during In Vitro Fertilization – Embryo Transfer (IVF-ET), *Journal of Evidence-Based Complementary & Alternative Medicine*; 2013: 10-0032.

Nichols JL, Carey D, Gerhard GS, Golden AM, Masker KK, Gell JS, Bieber EJ. Identification of molecular markers in endometriosis.

Received MEFA COOG Bayer Research Grant

Ontology of upregulated genes in circulating mononuclear cells of patients with endometriosis identified by microarray expression profiling

Poster presentation at ASRM Annual Conference 10/18-21/2009 Atlanta, GA Oral presentation at ACOOG Annual Conference 3/18/2010 New Orleans, LA Submitted for publication

Molecular Markers Found in Peripheral Blood Mononuclear Cells of Patients with and without Endometriosis Using Microarray Expression Profiling

Poster presentation at SGI Annual Conference 3/24-27/2010 Orlando, FL

Nichols JL, Gell JS, Still C, Bieber EJ. Weight loss and the change in BMI following bariatric surgery and the effect on the menstrual cycle.

Nichols JL. Percent loss in BMI and the resumption of menses in bariatric surgery patients.

Presented at Resident Research Day Statewide Campus System Lansing, MI 2007. Third place.

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Research Studies

2019-2021 CLARA A Phase 3. *A randomized, double-blind, double-dummy, parallel-group, multicenter trial to demonstrate non-inferiority of Menopur liquid versus Menopur powder with respect to the number of fertilized oocytes in women undergoing controlled ovarian stimulation, age 18-42, fresh cycles of IVF/ICSI.*

2016-2018 *Clinical Investigation of a novel antioxidant formulation Fertilix in men with Sperm DNA damage (SDD) undergoing treatment by Assisted Reproductive technologies. Fertilix.*

2016-2018 *A Multi-Center, Double-Blind Randomized, Placebo-Controlled Study Evaluating Two Doses of Subcutaneous Pulsatile GnRH Administered via OmniPod Pump for Ovulation Induction in Female Subjects with Hypogonadotropic Hypogonadism. Ferring Pharmaceuticals.*

2015-2017 *Bioglass Scaffold Study.* Somkuti S, Falk M, Jain H, Kowal TJ. (Department of Biological Sciences, Lehigh University)

2015-2017 RITA A Phase III investigator- and assessor-blinded 1:1 randomized, parallel-group Multicenter study to compare efficacy and safety of two r-hFSH formulations (AFOLIA)pen vs. Gonal-f RFF pen) in normal ovulatory women 35-42 years of age undergoing in vitro fertilization (IVF). Finox.

2014-2016 *A Randomized, Assessor-blind Trial Comparing MENOPUR® (menotropins for injection) and Recombinant FSH (Follicle Stimulating Hormone) in a GnRH Antagonist Cycle with Single- Blastocyst Transfer in a High Responder Subject Population.* Ferring Pharmascience

2013-2016 *Telemetric Assays as Predictors of Ovarian Reserve and Reproductive Aging .* VanHeertum K, Somkuti S.(Innovators Circle Grant Award)

2012–2013: *A Clinical Evaluation of Oocyte Cryopreservation by Vitrification.* Somkuti S.

2011-2012: *Investigation of Vaginal Enzymes.* Somkuti S, Bean B. (Lehigh University)

2010-2012 *Biomarker Study Exploratory, non-interventional study to identify and validate biomarkers in follicular fluid, cumulus or granulosa cells or embryo culture media for prediction of implantation and pregnancy outcome of Assisted Reproductive Technology cycle.* EMD Serono.

2010-2012 PURSUE: *A Phase 3, randomized, double-blind, active-controlled, non-inferiority trial to investigate the efficacy and safety of a single injection of SCH 900962 (corifollitropin alfa) to induce multifollicular development for controlled ovarian stimulation (COS) using daily recombinant FSH (recFSH) as a reference in women aged 35 to 42 years (Phase 3; Protocol No. P06029).* Schering-Plough Research Institute (Merck Clinical Trial)

Follow-up protocol (PURSUE) to collect outcome and safety of frozen-thawed embryo transfer (FTET) cycles after cryopreservation of embryos in the clinical study P06029. (Phase 3; Protocol No. P06031). Schering-Plough Research Institute (Merck Clinical Trial)

Case Reports

Nichols JL, Bieber EJ, Gell JS. Case of sisters with complete androgen insensitivity syndrome and discordant mullerian remnants. Fertil Steril 2009; 91:932.e15-18.

Poster presentation at SGI Annual Conference 3/27/2008 San Diego, CA

Selected to present oral presentation at Research Day, Geisinger Medical Center 5/16/2008.

Nichols JL, Zhang XM, Bieber EJ. Case of accessory ovary in the round ligament with associated endometriosis. J Minim Invasive Gynecol 2009; 16:216-8.

Oral presentation at AAGL Annual Conference 10/31/2008 Las Vegas, NV

Nichols JL, Bieber EJ, Gell JS. Secondary amenorrhea attributed to occlusion of perforate transverse vaginal septum. Fertil Steril. 2010 Feb 24.

Oral presentation at ASRM Annual Conference 11/12/2008 San Francisco, CA

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Nichols JL, Derian EL, Facktor MA, Bieber EJ. Occurrence of primary umbilical endometriosis and recurrent catamenial pneumothorax 2011; *Journal of Gynecologic Surgery*, 27(2), 95-98.

Poster presentation at ACOOG Annual Conference 3/15-19/2009 Tucson, AZ

Nichols JL, Gordon TO, Bieber EJ. Postablation tubal sterilization with hematometra after thermal balloon ablation. *J Gynecol Surg* 2009; 25:17-21.

Oral presentation at AIUM Annual Conference 4/5/2009 New York, NY

Nichols JL, Gonzalez SC, Bellino PJ, Bieber EJ. Venous thrombosis and congenital absence of inferior vena cava in a patient with menorrhagia and pelvic pain. *J Pediatr Adolesc Gynecol* 2010; 23: e17-e21.

Poster presentation at NASPAG Annual Conference 4/23-25/2009 San Antonio, TX

Nichols JL, Gell JS. Uterine clear cell carcinoma masquerading as a leiomyoma in a reproductive-age woman.

Lectures

Infertility, Ovulation Induction, and PCOS Updates for Generalists. ACOOG 89th Annual Conference. San Antonio, TX 4/7/2022

Fertility After Sterility. ACOOG 86th Annual Conference. New Orleans, LA 3/2/2019

Weird Sites of Endometriosis. ACOOG Fall 2018 Conference. Fort Worth, TX 10/27/2018

Transgender Fertility Options. ACOOG 85th Annual 2018 Conference. Orlando, FL. 4/12/2018

Infertility Workup and ART Update. ACOOG Fall 2016 Conference. Cleveland, OH. 10/6/2016

Amenorrhea. ACOOG Fall 2016 Conference. Cleveland, OH. 10/6/2016

Infertility Work-Up, Best Practices. ACOOG 83rd Annual Conference. Ft Lauderdale, FL 4/13/2016

Obesity and Reproduction. ACOOG 83rd Annual Conference. Ft Lauderdale, FL 4/10/2016

Innovations & Technology in Reproductive Medicine. Annual Chairman's Forum Lecture Series, "Ladies Night Out". Abington Hospital, Abington, PA. 3/2/2015

Endometriosis and Infertility. ACOOG 81st Annual Conference. Las Vegas, NV. 4/8/2014

Infertility and Women. Woman of the Week Luncheon. Drexel Hill, PA 4/4/2014

Obesity and Reproduction. Grand Rounds Grand View Health System 6/6/2013

Whole Genome Wide Association Analysis of Endometriosis. MEFACOOG GRANT ACOOG 77th Annual Conference New Orleans, LA 3/18/2010

Cancer and Fertility. Susan G Komen Community Event. 12/11/2010

Endometriosis and Microarray Gene Expression. OB/Gyn Resident Education Day, Statewide Campus System. 5/21/2009

Update in Infertility. 3rd Annual Contemporary Challenges in Childbearing. Geisinger Health System. 4/17/2009

Obesity and Reproduction. 1st Annual Fertility Conference. Geisinger Health System. 10/3/2008 "Endo-Rama" – Case

Obesity and Reproduction. Geisinger Health System OB/Gyn Grand Rounds. 4/3/2008

Lead Discussion of Topics – Geisinger Endocrine Dept *Kallman's syndrome, Primary amenorrhea, POF, Primary amenorrhea hypogonadotropic hypogonadism, Precocious puberty*.

Resident lectures: *Menstrual Cycle, Basic Infertility, Laparoscopy Basics, Amenorrhea, Androgen Disorders (and PCOS), ART Review, 1st trimester Bleeding, Endometriosis, Thyroid and Reproduction, Ectopic Pregnancy, PMS & PMDD, Recurrent Loss, Normal and Abnormal Sexual Development, IVF Updates, Fertility Preservation, Neuroendocrinology, Sperm and Egg Transport, Abnormal Uterine Bleeding, Obesity and Reproduction, Transgender Fertility Options, Use of Rhogam in Early Pregnancy, Endocrinology Basics, REI Review Questions*.