

WENDY B. SHELLY, M.D.
Curriculum Vitae

EMPLOYMENT EXPERIENCE:

July 2011 - present	Fertility Specialists Medical Group Reproductive Endocrinology and Infertility San Diego, CA
October 2008 - June 2011	Fertility Physicians of Northern California Reproductive Endocrinology and Infertility San Jose and Palo Alto, CA

EDUCATION AND TRAINING:

July 2005 - June 2008	Fellowship in Reproductive Endocrinology and Infertility University of California San Francisco, San Francisco, CA
July 2001 - June 2005	Residency in Obstetrics and Gynecology University of Virginia, Charlottesville, VA
August 1997 - May 2001	Doctor of Medicine Milton S Hershey Medical Center Pennsylvania State University, Hershey, PA
August 1993 - May 1997	Bachelor of Science in Biology University Scholars Program Pennsylvania State University, State College, PA

LICENSURE:

July 2005- present California State License A90649

BOARD CERTIFICATION:

American Board of Obstetrics and Gynecology, Diplomate

HONORS AND AWARDS:

2006	Outstanding Resident Teaching Award for Exceptional Achievements in Resident Education University of California San Francisco
2005	Administrative Chief Resident University of Virginia, Department of Obstetrics and Gynecology
2004	Resident Teaching Award for Best Medical Student Teaching

- 2001 University of Virginia, Department of Obstetrics and Gynecology
Award for Excellence in Obstetrics and Gynecology
Milton S Hershey Medical Center, Pennsylvania State University
- 1995 **Howard Hughes Summer Research Associate**
Pennsylvania State University
- 1994 **Women in Science and Engineering Research (WISER)**
NASA Space Grant
Pennsylvania State University

PUBLICATIONS:

Vinogradov S, Fisher M, Holland C, Shelly W, Wolkowitz O, Mellon SH. "Is serum brain-derived neurotrophic factor a biomarker for cognitive enhancement in schizophrenia?" *Biol Psychiatry*. 66(6):549-53, 2009.

Browne RW, Shelly WB, Bloom MS, Ocque AJ, Sandler JR, Huddleston HG, Fujimoto VY. "Distributions of High Density Lipoprotein Particle Components in Human Follicular Fluid and Sera and their Associations with Embryo Morphology Parameters during *In vitro* Fertilization." *Human Reproduction*. 23(8):1884-94, 2008.

Shelly WB, Draper MW, Krishnan V, Wong M, Jaffe RB. "Selective estrogen receptor modulators: an update on recent clinical findings." *Obstetrical & Gynecological Survey* 63(3):163-81, 2008.

Smith LP, Williams CD, Doyle JO, Closshey WB, Brix WK, Pastore LM "Effect of endometrioma cyst fluid exposure on peritoneal adhesion formation in a rabbit model." *Fertility and Sterility*. 87(5):1173, 2007.

Closshey WB, Cedars MI. "Intrauterine Adhesions" in *Up To Date*, April 2006.

Closshey WB. "Menopause," "Teratogenicity," "Preventative Care," in *Obstetrics & Gynecology Recall 2nd Edition*, Bourgeois FJ (Ed.), 2005.

Cox-Foster DL, Stehr JE, Closshey WB, Pieffer M, Zheng S. FAD-glucose dehydrogenase: Essential Role in Encapsulation of Fungal Invaders in Insects. *Journal of Cellular Biochemistry*. S21A: 206, December 1995.

PRESENTATIONS:

Shelly WB, Browne RW, Bloom MS, Huddleston HG, Sandler JR, Fujimoto VY. "Alpha-tocopherol is a predictor of human embryo fragmentation but not independent of high-density lipoprotein(HDL)." Oral Presentation, Annual Meeting of the American Society for Reproductive Medicine 2008.

Shelly WB, Browne RW, Bloom MS, Huddleston HG, Sandler JR, Fujimoto VY. "Antioxidant enzymes glutathione peroxidase and glutathione reductase correlate with human embryo cell number." Oral Presentation, Annual Meeting of the American Society for Reproductive Medicine 2008.

Shelly WB, Bloom MS, Sandler JR, Fujimoto VY, Mellon SH, Cedars MI. "Follicular fluid brain-derived neurotrophic factor (BDNF) concentrations higher in women with diminished ovarian reserve." Poster Presentation, Annual Meeting of the American Society for Reproductive Medicine 2008.

Shelly WB, Browne RW, Bloom MS, Huddleston HG, Sandler JR, Fujimoto VY. "Beta-carotene levels in follicular fluid correlate with successful *in vitro* fertilization of human oocytes." Poster Presentation, Annual Meeting of the Society for Gynecologic Investigation 2008.

Holland C, Fisher M, Merzenich M, Closshey WB, Mellon SH, Wolkowitz OM, Vinogradov S. "Increases in serum BDNF are correlated with response to neuroplasticity-based cognitive training in patients with schizophrenia." Presentation, Conference of the Cognitive Neuroscience Society 2008.

Closshey WB, Browne RW, Huddleston HG, Sandler JR, Fujimoto VY. "High activity of Paraoxonase 3 (PON3), a known potent antioxidant, identified in follicular fluid." Poster Presentation, Annual Meeting of the American Society for Reproductive Medicine 2007.

Closshey WB, Shen S, Rosen M, Cedars MI, Fujimoto VF, Rinaudo PF. "IVF vs ICSI in cases of low egg number and normal semen parameters." Oral Presentation, Annual Meeting of the American Society for Reproductive Medicine 2006.

Wolkowitz OM, Mellon SH, Wolf J, Lerner GK, Rios M, Closshey WB, Reus VI. "Serum BDNF levels during antidepressant treatments predict response." 2006 ISPNE Annual Meeting, Leiden, The Netherlands.

Closshey WB, Cox-Foster DL. "Linking the immune function of FAD-glucose dehydrogenase to gene expression in hemocytes of *D. melanogaster*." Fifth Annual Undergraduate Research Fair, Pennsylvania State University, April 1996. Research Fair Winner.

Closshey WB, Cox-Foster DL. "Insect Immune Defenses: Insights into Combating Disease." Student Competition for Presidents Prize, ESA National Meeting, December 1995. Honorable mention.

Closshey WB, Cox-Foster DL. "Insect Immune Defenses: Insights into Combating Disease." Fourth Annual Undergraduate Research Fair, Pennsylvania State University, April 1995. Research Fair Winner.

Closshey WB, Cox-Foster DL. "Insect Immune Defenses: Insights into Combating

Disease.” First Annual Research Exhibition, Pennsylvania State University AgSci Department, March 1995. First place Winner.

Closshey WB, Cox-Foster DL. “FAD-glucose dehydrogenase: Essential role in encapsulation of fungal invaders.” Keystone Symposium on Molecular and Cellular Biology, Pennsylvania State University, March 1995.

Closshey WB, Cox-Foster DL. “FAD-glucose dehydrogenase: Role and biochemistry of an “escape artist” enzyme in insect molting and cellular immune defense against pathogens.” Penn State Summer Molecular Biology Symposium, Pennsylvania State University, July 1994.

PERSONAL:

Maiden Name: Wendy B. Closshey
Interests: Cooking, Reading, Travel