

CONNIE E. ALFORD, M.D.
SPECIALTY: Reproductive Endocrinology and Infertility

EDUCATIONAL QUALIFICATIONS:

- 2008 – 2011 (anticipated)** **Subspecialty Fellowship in Reproductive Endocrinology and Infertility**
Combined Federal Fellowship in Reproductive Endocrinology and Infertility at the National Institutes of Health
Bethesda, Maryland
- 2004 – 2008** **Residency in Obstetrics and Gynecology**
University of Florida College of Medicine
Gainesville, Florida
- 2000 – 2004** **M.D.**
University of Florida College of Medicine
Gainesville, Florida
- 1997 – 1999** **M.S. in Biology**
Major Focus in Molecular Microbiology
University of South Alabama
Mobile, Alabama
- 1991 – 1996** **B.S. in Microbiology and Cell Science**
Minor in Chemistry
University of Florida
Gainesville, Florida

ACCREDITATION AND PROFESSIONAL ACTIVITIES:

- 2010** **Workshop on Suturing, Operative Hysteroscopy, And Advanced Laparoscopic Techniques**
Society for Reproductive Endocrinology and Infertility
American Society for Reproductive Medicine
2010 Annual Meeting
Denver, Colorado

- 2010** **Assistant Professor**
Department of Obstetrics and Gynecology
Uniformed Services University of the Health
Sciences
Bethesda, Maryland
- 2010** **Diplomate of the American Board of Obstetrics
and Gynecology**
Original Certification Date: 1/15/2010
Dallas, Texas
- 2008** **Certification in DaVinci Robot as a Consult
Surgeon**
Uniformed Services University of the Health
Sciences
Walter Reed Army Medical Center
National Naval Medical Center
- 2008** ***ad hoc* Reviewer for *Fertility and Sterility***
Elsevier Publications
Birmingham, Alabama
- 2008** **Research Fellowship**
National Institutes of Health
Bethesda, Maryland

LICENSURE:

Maryland State License Certificate No.:

HONORS AND AWARDS:

- 2010** Prize Paper Candidate
American Society for Reproductive Medicine
2010 Annual Meeting
Denver, Colorado
- 2010** United States Army official recognition
For outstanding and exceptional performance of
Duties and dedication to the mission at Walter Reed
Army Medical Center
Walter Reed Army Medical Center
Washington, DC

- 2007 Administrative Chief Resident
Department of Obstetrics and Gynecology
University of Florida College of Medicine
Gainesville, Florida
- 2005 - 2008 Golden Apple Award for Excellence in Medical
Student Education
Department of Obstetrics and Gynecology
University of Florida College of Medicine
Gainesville, Florida
- 2001 Runner Up: Leadership Award
Programs in Medical Sciences
University of Florida College of Medicine
Gainesville, Florida
- 2001 Phi Sigma Theta National Honor Society
- 1999 Offered a fellowship position in *Emerging
Infectious Disease* at the Center for Disease Control
and Prevention
Atlanta, Georgia
- 1998 Alpha Theta Chi Leadership and Scholastic Honor
Society
- 1998 Phi Kappa Phi Scholastic Honor Society
- 1998 Omicron Delta Kappa Leadership, Service, &
Honor Society

PROFESSIONAL ORGANIZATIONS:

- 2008 Society for Reproductive Endocrinology and
Infertility
- 2007 American Society for Reproductive Medicine
- 2007 Society of Reproductive Surgeons
- 2004 American Congress of Obstetricians and
Gynecologists
- 2000 American Medical Association
- 1997 American Society of Microbiology

ABSTRACTS AND PRESENTATIONS:

- Pang, ALY, **Alford, CE**, Segars, JH, DeCherney, AH, and Rennert, OM. Identification of the regulatory elements that are involved in translational repression of the *Ard1b* gene. Accepted for presentation at the 58th Annual Scientific Meeting: **2011** Society for Gynecologic Investigation, Miami, FL.
- Wolff, E, **Alford, C**, Remaley A, Sinaii, N, Childs, R, and Stratton, P. Hormonal ovarian reserve in patients undergoing fertility-sparing peripheral blood stem cell transplant. Accepted for presentation at the 58th Annual Scientific Meeting: **2011** Society for Gynecologic Investigation, Miami, FL.
- Alford, Connie E.**, Widra, Eric A., Levy, Michael J., Segars, James H., and Richter, Kevin S. Does obesity cause abnormal endometrial development? P-334. **2010** American Society for Reproductive Medicine, annual meeting in Denver, CO.
- Alford, Connie E.**, Csokmay, John M., Segars, James H., and Armstrong, Alicia Y. Cost analysis of in vitro fertilization (IVF) versus bilateral tubal reanastomosis (BTA) to achieve a live birth. Prize paper candidate oral presentation, O-113. **2010** American Society for Reproductive Medicine, annual meeting in Denver, CO.
- Alford, Connie E.**, DeCherney, Alan H., and Armstrong, Alicia Y. All patients seeking infertility services should be immunized against H1N1: Estimation of the impact of H1N1 immunization on maternal morbidity and mortality in infertility patients. P-465. **2010** American Society for Reproductive Medicine, annual meeting in Denver, CO.
- Alford, Connie E.**, Widra, Eric A., Levy, Michael J., Segars, James H., and Richter, Kevin S. The effect on obesity on endometrial development. Poster presentation at the **2010** 20th Annual Office of Research on Women's Health Scientific Symposium in Bethesda, MD.
- Alford, Connie E.**, DeCherney, Alan H., and Armstrong, Alicia Y. The impact of H1N1 immunization on maternal morbidity and mortality in patients seeking infertility treatment. Poster presentation at the **2010** 20th Annual Office of Women's Health Scientific Symposium in Bethesda, MD.
- Alford, Connie E.**, Richter, Kevin S., Segars, James H., and Levy, Michael J. Pregnant patients with ovarian hyperstimulation syndrome have lower human chorionic gonadotropin levels and doubling time. **2009** American Society for Reproductive Medicine. *Fertility and Sterility* **2009**;92:3(Sup):S100-S101.
- C. Alford**, T. Toloubeydokhti, Y. Al-Katanani, K. Drury, R.S. Williams, and N. Chegini. The expression of microRNA (miRNA) mir-23a and mir-23b and their target gene CYP19A1 (Aromatase) in follicular cells obtained from women undergoing ART. **2007** American Society for Reproductive Medicine. *Fertility and Sterility* **2007**;88 (Sup.1):P177.
- T. Toloubeydokhti, **C. Alford**, Y. Al-Katanani, R.S. Williams, and N. Chegini. The expression of MicroRNA (miRNA) mir-17, mir-211, and mir-542 and their target genes, StAR, IL-b, and Cox2 in follicular cells derived from women undergoing ART. **2007** American Society for Reproductive Medicine. *Fertility and Sterility* **2007**;88 (Sup.1):P174.

- Alford, Connie E.** and Dean, David A. (**March, 1999**) DNA-Binding Properties of the Human Parvovirus and Adeno-Associated Virus-2 Capsid Proteins. Annual Sickle Cell Meetings.
- Brady, L.J., van Tilburg, M., **Alford, C.E.**, and McArthur, W.P. (**1999**) Monoclonal antibody-mediated modulation of the humoral immune response against mucosally applied *Streptococcus mutans*. International Association of Dental Research Conference.
- M.G. Humphreys-Beher, **C. Alford**, K.H.T. Nguyen, J. Nanni, A.B. Peck, and C.P. Robinson. (**March, 1997**) Expression of parotid secretory protein (PSP) in murine lacrimal glands and its possible function as a bacterial binding protein in exocrine secretions. International Association of Dental Research Conference.
- C. Cooper, **C. Alford**, and M.G. Humphreys-Beher. (**March, 1997**) Relation between cysteine protease activity in saliva and salivary glands of Non-obese diabetic (NOD) mice and onset of autoimmune disease. International Association of Dental Research Conference.
- G.E. Oxford, **C. Alford**, K.H.T. Nguyen, and M.G. Humphreys-Beher. (**March, 1997**) Elevated salivary EGF levels stimulated by periodontal surgery. International Association of Dental Research Conference.

PUBLICATIONS:

- C. Alford**, T. Toloubeydokhti, Y. Al-Katanani, K. Drury, R.S. Williams, and N. Chegini. The expression of microRNA (miRNA) mir-23a and mir-23b and their target gene CYP19A1 (Aromatase) in follicular cells obtained from women undergoing ART. *Fertility and Sterility*. **2010** (Submission pending).
- T. Toloubeydokhti, **C. Alford**, Y. Al-Katanani, R.S. Williams, and N. Chegini. The Expression of MicroRNA (miRNA) mir-17, mir-211, and mir-542 and their target genes, StAR, IL-1b, and Cox2 in follicular cells derived from women undergoing ART. *Fertility and Sterility*. **2010** (Submission pending).
- Taveira-DaSilva, AM, **Alford, CE**, Levens, ED, Kotz, HL, Moss, J. Benign metastasizing leiomyoma mimicking lymphangioliomyomatosis. Favorable response to anti-gonadal therapy. *Chest*. **2010**. Submitted 10/2010.
- JM Norian, RJ Chason, **CE Alford**, AH DeCherney. Primary ovarian failure and other congenital diseases. In: A Rapkin, H Taylor and R Basson (eds.) *Female Reproductive and Sexual Medicine*, Humana Press, Totowa, NJ, USA. **2010**. In press.
- Nurudeen S, **Alford C**, DeCherney A. Physiology of Reproduction in Women. In: DeCherney A, Goodwin T, Nathan L, Laufer N, eds. *Current Diagnosis and Treatment: Obstetrics and Gynecology*. 11th ed. New York, NY: McGraw-Hill; **2010**. In press.
- Alford, CE**, Taylor, RN, and DeCherney, AH. Endometriosis. In: R Rebar and L DeGroot (eds) *Endotext*, Chapter 9. Endotext.org. July 10, **2010**.
- Alford, C**, Chen, G, and Armstrong, A. 2009 H1N1 Influenza Prevention and Treatment: Counseling Infertility Patients. *Fertility and Sterility*. **2010**; 94(4):1178-1180.
- Brady, L.J., van Tilburg, M., **Alford, C.E.**, McArthur, W.P. Monoclonal antibody mediated modulation of the humoral immune response against mucosally applied *Streptococcus mutans*. *Infect Immun*. **2000**; 68:1796-1805.

- Robinson, C.P., Alford, C.E., Nguyen, K.H., Humphreys-Beher, M.G. Aberrant expression and potential function for parotid secretory protein (PSP) in the NOD (non-obese diabetic) mouse. *Adv Exp Med Biol.* **1998**; 438:925-30.
- Oxford, G.E., Nguyen, K.H., Alford, C.E., Humphreys-Beher, M.G. Elevated salivary EGF levels stimulated by periodontal surgery. *J Periodontol.* **1998**; 69:479-84.
- Robinson, C.P., Buonous, D.I., Alford, C.E., Nguyen, K.H., Nanni, J.M., Peck, A.B., Humphreys-Beher, M.G. PSP expression in murine lacrimal glands and function as a bacteria binding protein in exocrine secretions. *Am J Physiol.* **1997**; 272:G863-71.
- Robinson, C.P., Yamachika, S., Alford, C.E., Cooper, C., Pichardo, E.L., Shah, N., Peck, A.B., Humphreys-Beher, M.G. Elevated levels of cysteine protease activity in saliva and salivary glands of the nonobese diabetic (NOD) mouse model for Sjogren syndrome. *Proc Natl Acad Sci U S A.* **1997**; 94:5767-71.
- Nanni, J.M., Nguyen, K.H., Alford, C.E., Robinson, C.P., Stewart, C.M., Humphreys-Beher, M.G. Assessment of bromohexine as a treatment regimen in Sjogren's syndrome-like disease in the NOD (non obese diabetic) mouse. *Clin Exp Rheumatol.* **1997**; 15:515-21.

EMPLOYMENT EXPERIENCE:

- 2008 to present** *Eunice Kennedy Shriver* National Institute of Child Health and Human Development
National Institutes of Health
Program in Reproductive Adult Endocrinology
Bethesda, Maryland
- 2001** Florida State University
Teaching Assistant for Gross Anatomy
Tallahassee, Florida
- 1998 – 1999** Alabama Eye Bank
Tissue Transplant Coordinator
Mobile, Alabama

RESEARCH EXPERIENCE:

- 2010 to present** Laboratory of Owen Rennert, M.D., Ph.D.
Laboratory of Developmental & Clinical Genomics
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institutes of Health
Bethesda, Maryland
Epigenetics of spermatogenesis

- 2006 – 2008** Laboratory of Nasser Chegini, Ph.D.
Department of Obstetrics and Gynecology
University of Florida College of Medicine
Gainesville, Florida
Micro RNA profile of follicular fluid in ART cycles
- 2000** Laboratory of Michael Chapman, Ph.D.
Institute of Molecular Biophysics
Florida State University
Tallahassee, Florida
Method for mass-production of adeno-associated virus
- 1998 – 1999** Laboratory of David Dean, Ph.D.
Department of Microbiology and Immunology
University of South Alabama College of Medicine
Mobile, Alabama
Molecular aspects of hybrid gene therapy vector design
- 1996 – 1997** Laboratory of Arnold Bleiweis, Ph.D.
Department of Oral Biology
University of Florida College of Dentistry
Gainesville, Florida
Method for passive immunization of mice with dental pathogens
- 1996** Laboratory of Michael Humphreys-Beher, Ph.D.
Department of Oral Biology
University of Florida College of Dentistry
Gainesville, Florida
Characterization of the role of salivary proteins and growth factors in dental pathology and salivary gland physiology

PERSONAL:

Birth August 21, 1973, Tallahassee, Florida, USA
Spouse Christopher Ryan Bartruff, M.D.
Birth: September 12, 1968, Houston, Texas, USA
Raised in Sarasota, Florida
Occupation: Pediatrician at Montgomery General
Emergency Department

Languages English, Spanish
Hobbies Traveling, Swimming, Diving, Photography, Crafts

REFERENCES:

Available on request.