



# Obstetrics & Gynecology and Women's Health 2008 Residency Prospectus

## Research Publications 2006/2007

### John L. Dalrymple, M.D.

Leiserowitz GS, Xing G, Cress R, Brahmabhatt B, **Dalrymple JL**, Smith LH. Adnexal masses in pregnancy: How often are they malignant? *Gynecologic Oncology*. 101(2):315-21, 2006.

### Antoni J. Duleba, M.D.

Banaszewska B, **Duleba AJ**, Spaczynski RZ, Pawelczyk L. Lipids in polycystic ovary syndrome: role of hyperinsulinemia and effects of metformin. *Am J Obstet Gynecol*. 194:1266-72, 2006.

**Duleba AJ**, Banaszewska B, Spaczynski RZ, Pawelczyk L. Simvastatin improves endocrine and metabolic aspects of polycystic ovary syndrome: results of prospective randomized trial. *Fertil Steril*. 85:996-1001, 2006.

Kwintkiewicz J, Foyouzi N, Piotrowski P, Rzepczynska I, **Duleba AJ**. Mevastatin inhibits proliferation of rat ovarian theca-interstitial cells by blocking the mitogen-activated protein kinase pathway. *Fertil Steril*. 86:1053-8, 2006.

Kwintkiewicz J, Spaczynski RZ, Foyouzi N, Pehlivan T, **Duleba AJ**. Insulin and oxidative stress modulate proliferation of rat ovarian theca-interstitial cells through diverse signal transduction pathways. Akt and Erk1/2 converge on p70S6-kinase. *Biol Reprod*, 74:1034-40, 2006.

Piotrowski PC, Kwintkiewicz J, Rzepczynska IJ, Seval Y, Cakmak H, Arici A, **Duleba AJ**. Statins inhibit growth of human endometrial stromal cells independently of cholesterol availability. *Biol Reprod*. 75:107-11, 2006.

Banaszewska B, Pawelczyk L, Spaczynski RZ, Dziura J, **Duleba AJ**. Effects of simvastatin and oral contraceptive agent on polycystic ovary syndrome: prospective randomized cross-over trial. *J Clin Endocrinol Metabol*. 92:456-61, 2007. [Epub 2006 Nov 14].

Diamanti-Kandarakis E, Piperi C, Papavassiliou AG, Patsouris E, Korkolopoulou P, Panidis D, Pawelczyk L, **Duleba AJ**. Immunohistochemical localization of advanced glycation end-products (AGEs) and their receptor (RAGE) in polycystic and normal ovaries. *Histochem Cell Biol*. 2007 Jan 5.

### Bill Lasley, Ph.D.

Matthews KA, Santoro N, **Lasley BL**, Chang Y, Crawford S, Pasternak RC, Sutton-Tyrrell K, Sowers MF. Are the cardiovascular risk factors of women approaching menopause associated with menstrual cycle characteristics and reproductive hormones in the follicular and luteal phase. *Journal of Clinical Endocrinology and Metabolism*. 147(2):175-83, 2006

Browne P, Conley AJ, Spraker T, Ream RR, **Lasley BL**. Sex steroid concentrations and localization of steroidogenic enzyme expression in free-ranging female northern fur seals (*Callorhinus ursinus*). *General and Comparative Endocrinology*. 142(2):175-183, 2006.

Lohstroh P, Dong H, Chen J, Gee NA, Xu X, **Lasley BL**, Lohstroh PN. Daily Immunoactive and Bioactive Human Chorionic Gonadotropin Profiles in Periimplantation Urine Samples. *Biology of Reproduction*. 75:24-23, 2006.

Stoops MA, Liu IKM, Shideler SE, **Lasley BL**, Fayer-Hoskins RA, Benirschke K, Murata K, van Leeuwen EM, Anderson GB. Effect of porcine zona pellucida immunization on ovarian follicular development and endocrine function in domestic ewes (*Ovis aries*). *Reproduction, Fertility and Development*. 18:667-676, 2006.



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## Research Publications 2006/2007—Continued

### Bill Lasley, Ph.D.—Continued

Chen J, Sowers MF, Moran-Messen FM, McConnell DS, Sowers MF, Greendale GA, Whitehead C, **Lasley BL**. Application of a chemical-activated luciferase expression (CALUS) assay to estimate free circulating Androgens in mid-life women. *Journal Clinical Endocrinology & Metabolism*. 91(11):4387-94, 2006.

Sowers MR, Crawford S, McConnell DS, Randolph JF, Gold EB, Wilkin MK, **Lasley BL**. Selected diet and lifestyle factors are associated with estrogen metabolites in a multiracial/ethnic population of women. *Journal Nutrition* 136(6):1588-95, 2006.

Venners SA, Perry MJ, Wu D, Korricks SA, Ouyang F, Tang G, Yang J, Xing H, Zang T, **Lasley BL**, Xu X, Wang X. Urinary estrogen and progesterone correlations in menstrual cycles of fertile women with on-conception, early pregnancy loss or clinical pregnancy. *Human Reproduction* 21(9):2271-2280, 2006.

McCue P, Roser JF, Munro CJ, Liu IK, **Lasley BL**. Granulosa cell tumors of the equine ovary. *Vet Clin North American Equine Practitioner*. 22(3):799-817, 2006.

Perry MJ, Ouyang F, Korricks SA, Venners SA, Chen C, Xu X, **Lasley BL**, Wang X. A prospective study of serum DDT and Progesterone and estrogen levels across the menstrual cycle in nulliparous women of reproductive age. *American Journal of Epidemiology*. 164(11):1056-64, 2006.

Lohstroh PN, Laughlin LS, Gee NA, **Lasley BL**. Development, Validation and Application of an Automated Chemiluminescent Immunoassay for the Measurement of Circulating Chorionic Gonadotropin Levels in the Laboratory Macaque. *Journal of Medical Primatology*. 36(3):64-69. 2007.

Yon L, Kanchanapangka S, Chaiyabutr N, Meepan S, Stanczyk FZ, Dahl N, **Lasley BL**. A longitudinal study of LH, gonadal and adrenal steroids in four intact Asian bull elephants (*Elephas maximus*) and one castrate African bull (*Loxodonta Africana*) during musth and non-musth periods. *General & Comparative Endocrinology*. 151(3):241-5, 2007.

Yon L, Kanchanapangka S, Chaiyabutr N, Stanczyk F, Meepan S, **Lasley BL**. ACTH stimulation in four Asian bull elephants (*Elephas maximus*): An investigation of androgen sources in bull elephants. *General & Comparative Endocrinology*. 151(3):246-51, 2007.

Yon L, Chen J, Moran F, **Lasley BL**. An analysis of the androgens of musth in the Asian bull elephant (*Elephas maximus*). *General & Comparative Endocrinology*. 2007.

Hao J, Rapp PR, Janssen WGM, Lou WY, **Lasley BL**, Hof P, Morrison JH. Interactive effects of age and estrogen on cognition and pyramidal neurons in monkey prefrontal cortex. *PNAS* 104(27), 11465-11470, 2007.

### Gary Leiserowitz, M.D.

**Leiserowitz GS**, Xing G, Dalrymple JD, Brahmabhatt B, Smith LH. Ovarian Masses During Pregnancy: How Often are the Malignant?. *Gynecol Oncol*. 101(2):315-321, 2006.

Elliott KS, Borowsky ME, Malka ES, Scudder SA, **Leiserowitz GS**, Russell AH. Long-term results of maximally aggressive trimodality therapy in a high-risk subset of early-stage cervical cancer patients. *J. Reprod Med*. 51(5):383-8, 2006.

**Leiserowitz GS**. Managing ovarian masses during pregnancy. *Obstet Gynecol Surv*. 61(7):463-70, 2006.

An JH, Miyamoto S, Lancaster KS, Kirmiz C, Li B, Lam KS, **Leiserowitz GS**, Lebrilla CB. Profiling of Glycans in Serum for the Discovery of Potential Biomarkers for Ovarian Cancer. *J Proteome Res*. 7;5(7):1626-1635, 2006.



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## Research Publications 2006/2007—Continued

### Gary Leiserowitz, M.D.

Chan JK, Urban R, Cheung MK, Osann K, Hussain A, Teng NN, Kapp DS, Berek JS, **Leiserowitz GS**. Ovarian carcinoma in younger versus older women: a population-based analysis. *Br J Cancer*. 95(10):1314-20, 2006.

Chan JK, Kapp DS, Shin JY, Husain A, Teng NN, Berek JS, Osann K, **Leiserowitz GS**, Cress R, O'Malley CO. Access to gynecologic oncologists and its impact on survival of women with epithelial ovarian cancer. *Obstet Gynecol*. 109(6):1342-50, 2007.

### Clara Paik, M.D.

**Paik CK**, Waetjen LE, Xing G, Dai J, Sweet RL. Hospitalizations for Pelvic Inflammatory Disease and Tuboovarian Abscess in California, 1991 to 2001. *Obstet Gynecol* 2006; 107:611-616.

### Anne Rodriguez, M.D.

**Rodriguez AO**, Truskinovsky AM, Kasrazadeh M, Leiserowitz GS. Case report: Malignant peripheral nerve sheath tumor of the uterine cervix treated with radical vaginal trachelectomy. *Gynecol Oncol*. 100(1):201-204, 2006.

**Rodriguez AO**, Wun T, Chew H, Zhou H, Harvey D, White RH. Venous thromboembolism in ovarian cancer. *Gynecol Oncol*. 105, 784-790, 2007.

### Lloyd H. Smith, M.D., Ph.D.

Leiserowitz G, Xing G, Cress R, Brahmabhatt B, Dalrymple J, **Smith LH**. Adnexal Masses in Pregnancy: How Often Are They Malignant? *Gynecologic Oncology*, 101(2006):315-321, 2006.

Gandhi S, Gilbert W, McElvy S, El Kady D, Danielson B, Xing G, **Smith LH**. Maternal and Neonatal Outcomes After Attempted Suicide. *Obstetrics and Gynecology*, 107(5):984-990.

**Smith LH**. Early Clinical Detection of Ovarian Cancer: A Review of the Evidence. *Expert Rev Anticancer Ther*, 6 (7):1045-52.

El Kady D, Gilbert W, Xing G, **Smith LH**. Association of Maternal Fractures with Adverse Perinatal Outcomes. *American Journal of Obstetrics and Gynecology*. 195(3):711-716.

### Richard L. Sweet, M.D.

**Sweet RL**: Sexually Transmitted Diseases. In: Bieber EJ, Sanfilippo JS, Horowitz I (eds). *Clinical Gynecology*. Elsevier. Philadelphia, 2006.

**Sweet RL**, Minkoff H: Maternal Infections and Sexually Transmitted Diseases During Pregnancy. In: Reece EA, Hobbins J (eds). *Clinical Obstetrics: The Fetus & Mother*. 3rd ed., Blackwell Publishing, Ames. In Press.

Duff P, Edwards R, **Sweet RL**. Maternal and Fetal Infections. In: *Maternal and Fetal medicine*. Creasy RK, Resnik R, Iams J, Moore T (eds). W.B. Saunders Co., Philadelphia, 6th edition. In Press.



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### Research Publications 2006/2007—Continued

#### Dena Towner, M.D.

**Towner D**, El Kady D, Gandhi S. Obstetrical Outcomes in Women With Elevated Maternal Serum Human Chorionic Gonadotropin. *Am J Obstet Gynecol* 2006 194(6):1676-81.

**Towner D**, McGahan JP, Rhee-Morris L, Gerscovich E. The Dynamic Fetal Brain. Submitted *Journal of Clinical Ultrasound*. 2007

**Towner DR**, Currier RJ, Lorey FW, Cunningham GC, Greve LC. Miscarriage risk from amniocentesis for abnormal maternal serum screening. Accepted *AJOG*.

**Towner D**, Greve LC. Preterm labor and preterm premature rupture of membranes are associated with major bowel surgery complicating gastroschisis. In preparation.

#### Catherine VandeVoort, Ph.D.

Vidal JD, **VandeVoort CA**, Marcus CB, Lazarewicz NR, Conley AJ. In Vitro Exposure to Environmental Tobacco Smoke Induces CYP1B1 Expression in Human Luteinized Granulosa Cells. *Reproductive Toxicology* 22 (4):731-7. 2006.

Fru KN, **VandeVoort CA**, Chaffin CL. Mineralocorticoid Synthesis During the Periovalutary Interval in Macaques. *Biol. Reprod.* 75(4):568-74. 2006.

Leibo SP, Kubisch HM, Schramm RD, Harrison RM, **VandeVoort CA**. Male-tomale differences in post thaw motility of rhesus spermatozoa after cryopreservation of replicate ejaculates. *J. Medical Primatol* 2007. Jun;36(3):151-63.

Froenicke, Hung P, **VandeVoort CA**. LA Lyons Development of a non-human primate sperm aneuploidy assay tested in the rhesus macaque (*Macaca mulatta*). *Molecular Human Reproduction*. 2007 Jul;13(7):455-60.

**VandeVoort CA**, Hung P, Schramm RD. Prevention of Zona Hardening in Non-human Primate Oocytes Cultured in Protein-free Medium. *Journal of Medical Primatology*. 2007 Feb; 36(1):10-6.

Fru KN, Cherian Shaw M, Puttabyatappa M, **VandeVoort CA**, Chaffin CL. Regulation of granulosa cell proliferation and EGF-like ligands during the periovalutary interval in monkeys. *Human Reproduction*. 2007 May;22 (5):1247-52.

**VandeVoort CA**, Thirkill TL, Douglas GC. Blastocyst derived trophoblast stem cells from the rhesus monkey. *Stem Cells and Deval* (in press) 2007.

Hung PH, Baumber J, Meyers SA, **VandeVoort CA**. Effects of Environmental Tobacco Smoke in Vitro on Rhesus Monkey Sperm Function. *Reprod. Toxicol.* 2007. June;23(4):499-506.

Han Z, **VandeVoort CA**, Latham KE. Therapeutic cloning—status and prospects. *Current Opinion in Molecular Therapeutics*. 2007 Aug; 9(4):392-7.

**VandeVoort CA**, Shirley CR, Hill DL, Leibo SP. Effects of cryoprotectants and equilibrium and non-equilibrium cooling on rhesus monkey oocytes. *Fertil and Steril* in press. 2007.



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## Research Publications 2006/2007—Continued

### Elaine Waetjen, M.D.

**Waetjen LE**, Dwyer PL. Estrogen Therapy and Urinary Incontinence: What is The Evidence and What do We Tell Our Patients. *International Urogynecology Journal*. October 2006. 17(5):541-5.

**Waetjen LE**, Liao S, Johnson WO, Sampsel CM, Sternfield B, Harlow SD, Gold EB. Factors Associated with Prevalent and Incident Urinary Incontinence in a Cohort of Mid-life Women: A Longitudinal Analysis of Data from the Study of Women's Health Across the Nation. *American Journal of Epidemiology*. February 2007, Vol 165(3);309-18.

**Waetjen LE**. Management of Stress Urinary Incontinence. *Menopause Management* (in press).

### Ping Xia, Ph.D.

**Xia P**, Qin PC. Ultrastructural Study of Embryonic Disks of Preattachment Porcine Blastocysts in vivo Observed by Transmission Electron Microscope and Scanning Electron Microscope. *Anatomy and Embryology*. (in press).

Cao B, **Xia P**, Shen JL, Shan ZY, Lei L, Jin LH. Differentiation of Embryonic Stem Cells-R1 into Insulin Producing Cells. *J. of Anatomy* (in Chinese). (in press).

Liu Y, Hong-Shu Sui HS, Wang HL, Yuan JH, Luo MJ, **Xia P**, Tan JH. Germinal Vesical Chromatin Configurations of Bovine Oocytes. *Microscopy Research and Techniques*. 69(10):799-807.