

**Laurel E. Fohn, MD, PhD**  
**Associate Professor of Biology**  
**Angelo State University**  
**ASU Station 10890 – Biology Dept**  
**San Angelo, Texas 76909**  
**(325) 942-2189**

---

**Professional Appointments**

August 2019- present: Associate Professor of Biology, Angelo State University, San Angelo, TX

August 2013- 2019: Assistant Professor of Biology, Angelo State University, San Angelo, TX

August 2011- August 2012: Dermatopathologist- Associated Pathologists/ Pathgroup, Nashville, TN

---

**Education**

July 2010- June 2011: Dermatopathology Fellowship, St. Louis University, Department of Dermatology

July 1, 2009- June 2010: Postdoctoral Research Fellow  
Vanderbilt University Medical Center, Department of Hematology- Oncology, Personalized Medicine Initiative- Molecular Genetics of Melanoma, Mentors: Jeffrey Sosman, MD and William Pao, MD, PhD

July 1, 2005- June 30, 2009: Resident in Pathology  
Vanderbilt University Medical Center, Department of Pathology

May 28, 2005     Doctorate of Medicine- The University of Texas Health Science Center at Houston Medical School

May 6, 2005     Doctorate of Philosophy- concentration in Molecular Genetics and Developmental Biology. The University of Texas MD Anderson Cancer Center and The University of Texas Health Science Center at Houston Graduate School of Biomedical Science

1995-2005     MD/PhD program student, UTHSC-Houston  
1995-1998     First three years of Medical School, UTHSC-Houston  
1998-2004     Graduate Research Assistant, MD Anderson Cancer Center  
Department of Molecular Genetics  
Mentor: Dr. Richard Behringer, PhD  
PhD Dissertation Defense: June 28, 2004  
2004-2005     Fourth year of Medical School, UTHSC- Houston  
1992-1995     B.S. in Biology, Angelo State University, San Angelo, TX

---

### **Certifications, Licensures, and Examinations**

American Board of Pathology & Dermatology-

Dermatopathology Board Certification- 10/11

American Board of Pathology- Anatomic & Clinical Pathology Board Certification-12/09

Missouri Medical License-

Kentucky Medical License

---

### **Honors and Awards**

Alpha Omega Alpha- Medical Honors Society Member

The American Medical Women's Association Glasgow-Rubin

Achievement Citation - May 2005

M. D. Anderson Trainee Recognition Day 2004- Honorable Mention Poster Award

Molecular Genetics of Cancer at UTMDACC Training Program Pre-doctoral

Fellowship, May 2001-2004

UTHSC-Houston GSBS Travel Award, Sept. 2001

Keystone Symposia Travel Award, Feb. 2001

UTHSC-Houston GSBS Travel Award, Feb. 2001

Howard Hughes Medical Institute Pre-doctoral Fellowship in Biological Sciences,

Honorable Mention (Top 10% of Applications), 1995

Carr Research Fellowship, Angelo State University, 1995

Carr Scholar, Angelo State University, 1992-1995

Alpha Chi Honors Society- inducted 1994

Beta Beta Beta Biological Honors Society Research Grant 1994-1995

Beta Beta Beta Biological Honors Society Regional Meeting- 2<sup>nd</sup> place Research

Presentation Award, 1995

---

### **Publications**

1. Shawlot, W., Deng, J.M., **Fohn, L.E.**, and Behringer, R.R. Restricted  $\beta$ -galactosidase expression of a hygromycin-*lacZ* gene targeted to the  $\beta$ -actin locus and embryonic lethality of  $\beta$ -actin mutant mice. *Transgenic Research* **7**, 95-103 (1998).
2. **Fohn, L.E.** and R.R. Behringer. 2001. Esx11, a novel x chromosome-linked human homeobox gene expressed in the placenta and testis. *Genomics* **74**: 105-108.
3. Umashankar Singh, **Laurel Fohn**, Teruhiko Wakayama, Jun Ohgane, Christine Steinhoff, Bettina Lipkowitz, Ralph Schulz, Annie Orth, H. Hilger Ropers, Richard Behringer, Satoshi Tanaka, Kunio Shiota, Ryuzo Yanagimachi, Ulrike Nuber and Reinald Fundele. Different molecular mechanisms underlie placental overgrowth phenotypes caused by interspecies hybridization, cloning, and *Esx1* mutation. *Developmental Dynamics*, 230(1): 149-64.

4. **Fohn, Laurel.** Esx1 Dosage Impacts Reproductive Fitness: Duplication and Klinefelter's Infertility. Deletion and Decreased Viability. Dissertation. Defended June 28, 2004.
5. Justin M. M. Cates, Robert H. Byrd, **Laurel E. Fohn**, Armanda D. Tatsas, M. Kay Washington, and Candice C. Black. Epithelial-Mesenchymal Transition Markers in Pancreatic Ductal Adenocarcinoma. *Pancreas*. 2008 Aug 29. (Epub ahead of print).
6. **Fohn LE**, Rodriguez A, Kelley MC, Ye F, Shyr Y, Stricklin G, Robbins JB. D2-40 lymphatic marker for detecting lymphatic invasion in thin to intermediate thickness melanomas: association with sentinel lymph node status and prognostic value-a retrospective case study. *J Am Acad Dermatol*. 2011 Feb;64(2):336-45.
7. Kauffmann RM, Juhlin CC, **Fohn LE**, Broome JT, Phay JE. Parathyroid carcinoma arising from four-gland hyperplasia. *Endocr Pract*. 2011 Mar-Apr;17(2):e37-42.
8. Missall TA, Pruden S, Nelson C, **Fohn L**, Vidal CI, Hurley MY. Identification of *Helicobacter pylori* in Skin Biopsy of Prurigo Pigmentosa. *Am J Dermatopathol*. 2011 Dec 22.
9. Lovly CM<sup>#</sup>, Dahlman KB<sup>#</sup>, **Fohn LE<sup>#</sup>**, Su Z<sup>#</sup>, Dias-Santagata D, Hicks DJ, Hucks D, Berry E, Terry C, Duke M, Su Y, Sobolik-Delmaire T, Richmond A, Kelley MC, Vnencak-Jones CL, Iafrate AJ, Sosman J, Pao W. Routine multiplex mutational profiling of melanomas enables enrollment in genotype-driven therapeutic trials. *PLoS One*. 2012;7(4):e35309. Epub 2012 Apr 20.  
**#Contributed equally (co-first authors).**

---

### **National Meeting Presentations**

**L. Fohn**; A. Rodriguez; F. Ye; M. Kelley; G. Stricklin; Y. Shyr; J. Robbins; D2-40 detected lymphatic invasion and sentinel node status in melanoma. American Society of Dermatopathology Annual Meeting- Oral Presentation. San Francisco, CA. October 17, 2008

**L. Fohn**; D. Dias-Santagata; Z. Su; M. Duke; C. L. Vnencak-Jones; J. Sosman; A. J. Iafrate; W. Pao. A rapid sensitive test for detection of 43 mutations with relevance to targeted therapy in melanoma. American Society of Dermatopathology Annual Meeting- Oral Presentation. Atlanta, GA. October 7, 2010.