

Matthew C. Goering, PhD, HCLD

CURRICULUM VITAE

EDUCATION

Doctorate: 2004 - 2010
Kansas University School of Medicine
Kansas City, Kansas
Ph.D., Molecular Biology (Genetics)

Undergraduate 1989 – 1993
Bethel College
North Newton, Kansas
B.A., Biology & Chemistry

EMPLOYMENT

Laboratory Consultant: MedTech Laboratory Solutions. 475 Park Avenue South, New York, NY 10016, **2011-Present**

- Responsibilities include onsite management and performance of all aspects of IVF, ICSI, extended culture, assisted hatching, testicular and epididymal sperm preparation, D3 and D5 embryo biopsy, preimplantation genetics, oocyte and embryo cryopreservation, Andrology, management and training of laboratory staff, quality assurance and improvement, and regulatory compliance.

Laboratory Consultant: Human Embryology and Andrology Laboratories. Reproductive Medicine & Infertility/Shawnee Mission Medical Center, Shawnee Mission, KS 66204, **2011- Present**

Embryologist/Andrologist: Human Embryology and Andrology Laboratories. Reproductive Medicine & Infertility/Shawnee Mission Medical Center, Shawnee Mission, KS 66204, 2005 - 2011

Research Fellow: Stowers Institute for Medical Research, Kansas City, MO 64110, 2004 - 2010

Laboratory Manager: Human Embryology and Andrology Laboratories. Reproductive Medicine & Infertility/Shawnee Mission Medical Center, Shawnee Mission, KS 66204, 1998 – 2005

Laboratory Manager: Human Embryology, Andrology and Reproductive Endocrinology Laboratories. Reproductive Science Associates of Kansas City, an affiliate of IntegraMed America, Kansas City, MO 64110, 1996 - 1998

Embryologist/Andrologist: Women's Reproductive Center. University of Kansas Medical Center, Department of Obstetrics and Gynecology, Kansas City, KS 66160, 1993 - 1996

CLINICAL CONSULTING

Embryo Biopsy Instructor:

- MedTech for Solutions, 475 Park Avenue South, New York, NY 10016
- Gene Security Network (GSN), 2686 Middlefield Road, Redwood City, CA 94063

Consultant Embryologist: Human Embryology Laboratory. The University of Alabama Birmingham Medical Center, Birmingham, AL 35249 (2011-Present). Laboratory Director: Kathleen Miller, MS, ELD

Consultant Embryologist: Human Embryology Laboratory. Reproductive Science Center of the San Francisco Bay Area, San Ramon, CA 94583 (2011). Laboratory Director: Kristen Ivani PhD, HCLD.

Consultant Embryologist: Human Embryology and Andrology Laboratories. Follas Center for Reproductive Medicine, Nobelsville, IN 46060, (2005-2008). Laboratory Director: Andrew Weston Ph.D., HCLD

Consultant Embryologist: Human Embryology Laboratory. Advanced Fertility and Reproductive Endocrinology Institute, West Columbia, SC 29169, (2002). Laboratory Director: Kathleen Miller MS, ELD

Consultant Embryologist: Human Embryology and Andrology Laboratories. Reproductive Science Center of Walter Reed Army Medical Center, an affiliate of IntegraMed America, Washington D.C. 20307, (1997-1998). Laboratory Director: B. Jane Rogers Ph.D., HCLD

Consultant Embryologist: Human Embryology Laboratory. Reproductive Science Center of New York, an affiliate of IntegraMed America, Melville, NY, (1996). Laboratory Director: Glen Moodie Ph.D., HCLD

BOARD CERTIFICATION

**High-Complexity Laboratory Director, Human Andrology and Embryology.*
American Board of Bioanalysis

PROFESSIONAL AFFILIATIONS

American Society for Reproductive Medicine, 1209 Montgomery Highway, Birmingham, AL. Active Member

American Association of Bioanalysts, 917 Locust, St. Louis, MO. Active Member

American Society of Human Genetics, 9650 Rockville Pike, Bethesda, MD. Active Member

PUBLICATIONS

*Noone S, Camahort R, Bausch C, **Goering M**, Gerton JL (2005) Determinants of cohesin localization. Yeast **22**: 1011.*

***Goering M**, Lu S, Gard S, Xiong B, McNairn AJ, Jaspersen SL, Gerton JL (2010). The cohesin acetyltransferase Eco1 promotes DNA damage repair in *S. cerevisiae*. Cell Cycle **9**: 3315-3327*

***Goering M**, Yu HG, Koshland DE, Gerton JL (2011). Loss of mitotic cohesin Mcd1p increases meiotic recombination frequency at cold-spots in *S. cerevisiae*. Genetics (Submitted/in revision)*

WORKSHOPS

Hands-On Blastocyst Biopsy and Vitrification Workshop (Co-Instructor)
AAB Annual Meeting & College of Reproductive Biology Symposium
Austin, TX (May, 2011)

PRESENTATIONS & ABSTRACTS

Eco1 promotes DNA damage repair in S. cerevisiae

FASEB Summer Research Conference - Genetic Recombination and Genome Rearrangements, Snowmass Village, CO (2009).

The cohesin acetyltransferase Eco1 promotes DNA damage-induced reciprocal crossover

Crossroads Student and Postdoctoral Association, Stowers Institute for Medical Research, Young Investigators Day (2009).

Genome-wide localization of the mitotic cohesin subunit Mcd1p, during meiotic prophase

Midwest Yeast Genetics Meeting, Northwestern University (2007).

Mitotic cohesin (Mcd1/Scc1p) function during meiotic prophase

FASEB Summer Research Conference - Genetic Recombination and Genome Rearrangements, Snowmass Village, CO (2007).

Genome-wide localization of Mcd1p: implications for meiotic function

Crossroads Student and Postdoctoral Association, Stowers Institute for Medical Research, Young Investigators Day (2007).

Meiosis and Cohesin

KUMC Research Forum, Kansas University School of Medicine (2007).

A microarray-based, genome-wide map of the mitotic cohesin subunit Mcd1p, during meiotic prophase

Crossroads Student and Postdoctoral Association, Stowers Institute for Medical Research, Young Investigators Day (2006).

Mitotic cohesin (MCD1p) localization during meiotic prophase

Gordon Research Conference: *Meiosis*, Colby Sawyer College (2006).

Determinants of cohesin localization

XXIInd International Conference on Yeast Genetics and Molecular Biology: Bratislava, Slovak Republic (2005).