

Sarah Darmon

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(610) 329-4613

EDUCATION

Drexel University **2012-2014**
School of Public Health
Philadelphia, PA
Master of Science in Biostatistics
Cumulative GPA: 3.9/4.0

University of Medicine and Dentistry of NJ **2005- 2012**
Graduate School of Biomedical Sciences
Newark, NJ
PhD in Biochemistry and Molecular Biology
Cumulative GPA: 3.5/4.0

Ursinus College **2001 - 2005**
Collegeville, PA
Bachelor of Science in Biochemistry and Molecular Biology
Cumulative GPA: 3.2/4.0

JOB EXPERIENCE

Senior Statistician and Assistant Scientist **2015-Present**
Center for Human Reproduction, NYC, NY

RESEARCH EXPERIENCE

Master Thesis Research **Spring 2014**
Value Institute: Christiana Care Health System, Newark, DE
Collaborating Researcher: Seema Sonnad, PhD

Completed a three month project which focused on analyzing the impact of the reduction of Creatine Kinase-MB ordering in the Emergency Department for the evaluation of Acute Coronary Syndromes using linear regression, multiple logistic regression and negative binomial models in SAS and R

PhD Thesis Research **2007-2012**
University of Medicine and Dentistry of NJ, Newark, NJ
Laboratory of Carol S. Lutz, PhD
Verified and characterized previously determined bioinformatically novel mRNA *cis*-elements that were predicted to enhance polyadenylation using RNA processing and protein analysis techniques

SKILLS

Regression Methods - Linear and Logistic Regression, Survival Analysis, Longitudinal Data Analysis
Statistical and Research Software - Proficient in SAS and R, knowledgeable in SQL

AWARDS

ASBMB Student Travel Award 2009
Drexel University Dean's Scholarship Recipient

PUBLICATIONS

Gleicher N, Vega MV, Darmon SK, Weghofer A, Wu YG, Wang Q, Zhang L, Albertini DF, Barad DH, Kushnir VA. Live-birth rates in very poor prognosis patients, who are defined as poor responders under the Bologna criteria, with nonelective single embryo, two-embryo, and three or more embryos transferred.

Kushnir VA, Barad DH, Albertini DF, Darmon SK, Gleicher N. (2015) Outcomes of Fresh and Cryopreserved Oocyte Donation. JAMA, 314(5) 623-4

Darmon, SK. and Lutz, CS. (2012) Novel upstream and downstream sequence elements contribute to polyadenylation efficiency. RNA Biol., 9(10): 1255-65.

Darmon, SK. and Lutz, CS. (2012) mRNA 3'end processing factors: a phylogenetic comparison. Comparative and Functional Genomics

SCIENTIFIC MEETINGS AND PRESENTATIONS

Cold Spring Harbor Laboratory **August 2011**
Cold Spring Harbor, NY

Abstract and Poster, Eukaryotic mRNA Processing Conference
Enhancing polyadenylation in vivo with bioinformatically identified auxiliary *cis*-elements
Sarah K. Darmon, Bin Tian, Carol S. Lutz

Salve Regina University **June 2010**
Newport, RI

Abstract and Poster, Gordon Research Conference: Post-Transcriptional Regulation
Enhancing polyadenylation in vivo with bioinformatically identified auxiliary *cis*-elements
Sarah K. Darmon, Bin Tian, Carol S. Lutz

Ernest N. Morial Convention Center **April 2009**
New Orleans, LA

Abstract and Poster, 2009 Annual Meeting of the American Society for Biochemistry and Molecular Biology (ASBMB)
Enhancing polyadenylation in vivo with bioinformatically identified auxiliary *cis*-elements
Sarah K. Darmon, Bin Tian, Carol S. Lutz