

Sydney Bunzey

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EDUCATION

Master of Science in Genetics

University of Kent, Canterbury, United Kingdom

Graduation Date: November 21st 2009

Bachelor of Arts in Molecular Cellular and Developmental Biology

University of Colorado, Boulder, Colorado, USA

Graduation Date: August 11th 2007

RESEARCH AND LAB EXPERIENCE

Professional Research Assistant- Behavioral Immunology and Endocrinology Lab, at the University of Colorado, Denver, Colorado USA

November 2009- Present

Lab member- Human Reproductive Genetics Group, Griffin Lab at the University of Kent, Biological Sciences Department, Canterbury, Kent United Kingdom

September 2008- November 2009

Project Student- Cytogenetic Diagnostics Department, London Bridge Fertility, Gynaecology, and Genetics Centre, London, United Kingdom

April 2009- September 2009

Research Assistant- Behavioral Genetics Group, Bryan Lab at the University of Colorado, Psychology Department, Boulder, Colorado, USA

August 2006- December 2006

Technical experience:

- FISH, including: multi-layer, zoo FISH, and chromosome painting
- DNA Electrophoresis
- RT-PCR, DOP-PCR, Shotgun PCR
- Whole Genome Amplification
- DNA extraction
- Recombinant DNA experience
- Enzyme immunoassays (ELISA)
- Antibody Staining
- Flow cytometry
- Confocal and fluorescent microscopy
- Cell Culture
- Processing/handling biological samples including: blood, saliva, and urine

PROBLEM SOLVING, CREATIVITY AND ORGANIZATION

Took initiative with development of new protocols and procedures in an academic and professional environment

Planned and oversaw development of several fundraisers for medical organizations

Ability to learn quickly, as demonstrated by academic success and promotion opportunities within a professional setting

TEAMWORK AND INTERPERSONAL

Demonstrated a high level of understanding with group dynamics, including:

Interactions with principal investigators in a lab setting, collaboration with

Industrial sponsors, and peer interaction with group projects

PUBLICATIONS AND ABSTRACTS

Volker, M; Skinner, BM; Langley, EJ; Bunzey, SK; Gera, C; Griffin, DK. How conserved are bird genomes? Insights from the chicken and zebra finch genome projects
CHROMOSOME RESEARCH 17 (4):577-577 2009.

Völker M, Backström N, Skinner BM, Langley EJ, Bunzey SK, Ellegren H, Griffin DK. Copy number variation, chromosome rearrangement and their association with recombination during avian evolution.

Submitted to Genome Research

CONTACT INFORMATION

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