Simone Donaldson
Simone.donaldson01@gmail.com

To Whomsoever It May Concern:

As the attached resume indicates, I have ten years' experience working in biomedical and biological laboratory settings both in industry and academia, assisting in drug processing at Shire Pharmaceuticals, research on neurodegenerative diseases (e.g., Parkinson's disease) at Boston University Medical School along with Behavioral Neuroscience research at the University of Massachusetts Boston. I have gained tremendous bench science skills, behavioral testing protocols expertise, and greater appreciation for research design, as well as compliance and excellent laboratory recording skills.

In my current position as population science Research Assistant, I am working on a community-based research project at Dana-Farber Cancer Institute (DFCI) Center for Community-Based Research. I have collaborated with surrounding community members of Greater Boston to increase the knowledge and understanding of a variety of cancers, cancer screening and to promote evidence-based cancer prevention. To help access the effectiveness of our program, I administered surveys for qualitative data collection and analysis. I also worked with team of 6 DFCI staff and interns, along with community leaders to evaluate the effectiveness of a pilot Biobanking and Personalized Medicine Education program involving over 300 community members in the education.

With my extensive experience working as a basic scientist and population science Research Assistant, I have a diverse background in science and community-based participatory research with much to offer. I am interested in your position as it closely aligns with my current experience and future interests.

Please take a moment to look closely at my resume, as I am sure you will agree. Given my related experience and excellent capabilities I would appreciate your consideration for this position. If you have any further questions about my qualifications, please contact me. I can also supply references upon your request.

Sincerely,

Simone Donaldson

Simone T. Donaldson
NEWTON MASSACHUSETTS
617-259-9922
SIMONE.DONALDSON01@GMAIL.COM

Professional Overview

To offer my experience in wellness promotion and research in a diverse community setting to professionals to develop evidence-based interventions to promote healthy behaviors and well being among health disparity populations.

Summary of Skills

Pipetting	Solution Making	ELISA
Cell Culture	Microscopy	DNA Fingerprinting
PCR	Restriction Digest	Bacterial Transformation
Media Preparation	Spectrophotometry	Centrifugation
Electrophoresis	Plasmid DNA mini-prep	Documentation
Aseptic Technique	Bradford Protein Assay	Chromatography
RedCap	IRB Compliance	

Education

University of Massachusetts Boston, Boston MA *May 2014*
Bachelor of Arts
Major, Anthropology, Minor Biology

Boston University School of Medicine, Boston MA *May 2004*
Certificate in Biomedical Science

Research Experience

Research Intern *May 2013-present*

Dana Farber Cancer Institute, Boston MA
University of Massachusetts U54 Cancer Partnership
Supervisors: Chris Lathan, M.D. and S. Tiffany Donaldson, Ph.D.

- Supported Outreach Team in the dissemination and implementation of evidence-based strategies to promote cancer prevention behaviors
- Assisted church-based Health Ministries to promote health conscious behaviors and life styles to church members
- Helped in pilot-testing biobanking and personalized medicine informational sessions for African American church and community members in Greater Boston
- Conducted baseline and follow-up interviews to examine the efficacy of the biobanking curriculum's impact on the knowledge and attitudes towards biospecimens research
- Developed ethnographic reports chronicling the activities and outreach efforts

Research Assistant *January 2009-present*
Psychology Department, University of Massachusetts Boston
Supervisor: Dr. S. Tiffany Donaldson

- Ran rodents in battery of behavioral tests (elevated plus maze, novel place preference, locomotor activity)
- Acquired the ability to maintain a rodent vivarium
- Develop live animal and survival skills including injections and ovariectomy

- Maintained the rat colony
- Transcardially-perfused rats to harvest brain, organ and serum
- Microsectioned (30µm) coronal brain sections using frozen cryostat
- Assisted in Western blot analysis of rat brain tissue samples
- Performed immunohistochemistry (IHC) on rat brain tissue samples

Research Intern *January-May 2005*
Pharmacology Department
Boston University School of Medicine
Supervisor: Benjamin Wolozin, M.D., Ph. D.

- Performed PCRs on C. *Elegans* DNA
- Performed Western Blots on rat brain tissue samples and human lymphoblast Parkinson cells
- Maintained cultures of C. *Elegans*
- Prepared stock solutions

Abstracts / Presentations

Laura Grace Rollins, B.S., Rebecca Ravenelle, B.A., Hayley Santolucito, B.A., Tanya Beckford, **Simone Donaldson**, Tiffany Donaldson, Ph.D. Closed Nest Pre-weaning Environment Improves the Development of Physical Characteristics and Reflexes in Neonatal Hypoxic Ischemic Injury. *Society for Pediatric Research/ Pediatric Academic Society Symposium* 01/2013

Simone Donaldson, Mitzi Sweeney, James Liu and S. Tiffany Donaldson, Ph.D. Sex and trait anxiety differences during psychological stress are affected by housing conditions *New England Science Symposium* 04/2012

Employment

Specimen Processor Associate *October 2005- 2008*
Quest Diagnostics, Inc., Cambridge, MA
Specimen Processor Associate, Microbiology Laboratory

- Set up of specimens for Microbiological culture and other technical assays
- Planting all specimens that entered the microbiology Laboratory
- Resulting all specimen that come into the Microbiology Laboratory
- Worked with 3 specimen processor professionals covering over 200 patient service centers throughout New England, responsible for more than 1,000 individual patient specimens daily
- Maintain quality control/satisfaction of specimen, constantly seeking new ways to adequately increase specimen processing

Manufacturing Technician, Cell Culture *June 2005 - October 2005*
Transkaryotic Therapies, TKT, Cambridge, MA

- Prepared samples for the fluorescent product enhanced reverse transcriptase assay
- Performed cell expansions for the drugs I2S and Replegal
- Operated Cleaning-in-Place (CIP) and Sterilization-in-Place (SIP) Harvest Tanks and Robots