Benjamin S. Goldberg

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Education

Dartmouth College, Hanover, NH — Sept 2016 –
Doctoral Student, Protein Engineering

University of Florida, Gainesville, FL — June 2013 – Aug 2015
Master of Science, Translational Biotechnology
GPA 3.81/4.0

Boston College, Chestnut Hill, MA — Sept 2009 – May 2013
Bachelor of Science, Biology; Bachelor of Arts, Philosophy
GPA 3.35/4.0

Relevant Experience

Graduate Research Assistant — Sept 2016 –
Dartmouth College**,** Hanover, NH
Laboratory: Prof. Margaret Ackerman

Laboratory Technician — Nov 2015 – May 2016
Whitney Laboratory for Marine Bioscience, St. Augustine, FL
Laboratory: Prof. Mark Q. Martindale
Mentor: Thomas B. Stephenson, Doctoral Candidate
Performed CRISPR/Cas9 knock-outs and *in situ* hybridizations in support of study of molecular evolution of Hox genes underlying cellular and organismal complexity.

Upstream Bioprocess R&D Intern — May 2015 – Sept 2015
Nanotherapeutics Inc.**.** Alachua, FL
Supervisor: Isaac Finger-Baker, Vector Development Manager
Executed CHO-S cell line development in support of a project demonstrating recombinant protein development capabilities, and drafted reports and SOPs supporting technology transfer. Collaborated on biopharmaceutical development activities for VLP vaccine project. Assisted in pilot plant operations including equipment calibration, consumables inventory management, and scheduled maintenance of sterile field.

Graduate Research Assistant — May 2013 – Aug 2015
University of Florida**,** Gainesville, FL
Laboratory: Prof. Peter McFetridge
Master's Thesis: "Human Placenta Derived Factor Cocktail for Bone Regeneration: Human Perinatal Mesenchymal Stromal Cell Response."
Supervisory Committee: Peter McFetridge (PI), Greg Schultz, Steve Ghivizzani, John Kraft.
Produced and validated a demineralized bone model for cell-matrix interaction studies. Isolated, characterized, and guided osteoblastic differentiation of human perinatal cells. Trained and mentored undergraduate research assistants.

Undergraduate Teaching Assistant — Aug 2012 – May 2013
Boston College, Chestnut Hill, MA
Assisted in preparation and operation of the undergraduate lab, 'Molecular Cell Biology.'

Undergraduate Research Assistant — May 2012 – Aug 2012
Boston University, Boston, MA
Laboratory: Prof. John. R. Finnerty
Mentor: Lauren Friedman, Ph.D. Candidate, Molecular and Cell Biology (fmr)
Conducted heavy metal toxicity assays on *N. vectensis*, and performed qPCR to characterize the expression of stress-related genes such as NFkB and TNFalpha.

Business Development Intern — June 2011 – Sept 2011
GNS Healthcare, Cambridge, MA
Supervisor: Ben Rudnick, MBA., VP Strategic Pricing (fmr)
Analyzed drug pipelines, targeted contacts in clinical trials-of-interest, and produced reports. Designed white papers and posters for web development and conference outreach.

***Extracurricular Interests**:* Volunteer tutoring, scuba diving, hiking, golf, tennis, squash, and collegiate rowing