

## Name

Contact

### Education

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#### **Ph.D., Cell and Molecular Biology. Cardiovascular and Pulmonary**

**2010**

University of Pennsylvania School of Medicine, Philadelphia, PA.

- Devised and executed scientific discovery research projects investigating the genetics governing mouse pulmonary and cardiovascular development and regeneration.
- Awarded an American Heart Association Predoctoral Fellowship Grant (7<sup>th</sup> percentile).

#### **B.S., Biology, Minor Chemistry and History**

**2005**

Wake Forest University, Winston-Salem, NC.

- Graduated Magna Cum Laude, Dean's List.

### Experience

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#### **Vice Chair of Finance, Graduate and Professional Student Assembly (GAPSA)**

University of Pennsylvania

**May 2009-2010**

- Managed a \$1,000,000 budget and responsible for allocating and monitoring all dispersed funding.
- Identified and successfully met a deficiency in graduate student funding by spearheading a strategic realignment of funding, transitioning inefficiently-used funds into the budgets of newly-formed student groups, resulting in a 25% increase of GAPSA-funded groups.
- Chaired a 10-person committee to review campus-wide expenditures and fiscal policies, and worked closely with university administration to align fiscal resources and secured increased funding to meet the needs of the graduate student body.
- Created SOPs through standardization and maintenance of financial reports, and regularly presented fiscal updates to the student body assembly and the Offices of the Provost and President.
- Secured approximately \$30,000 in funding from on-campus and off-campus resources to support a large-scale graduate student welcome and orientation event.

#### **Participant, McKinsey&Company Insight 2009 Program**

**July 2009**

- One of 40 participants selected from a 1000<sup>+</sup>-applicant pool of scientists and physicians to engage in a 3-day case study workshop to promote leadership and team development.
- Engaged in a fast-paced competitive team environment to conceive and communicate innovative strategies for a representational biotech client, presenting recommendations in a simulated corporate setting.

#### **Consultant, Assistant Project Manager, Penn Biotech Group**

The Wharton School of Business, University of Pennsylvania

**February-May 2009**

- Researched target life science market segments for a local IT firm and served as primary client liaison to ensure project and team alignment with client expectations.
- Directed team meetings and pitched team's deliverable to the firm's U.S. and European leadership.
- Worked with team to construct a survey to empirically analyze market segments and incorporate web mining tools to enhance data capture and analysis efficiency.
- Initiated interviews with key opinion leaders and editors of biomedical trade journals.
- Cold-called survey respondents resulting in a 25% increase in respondent pool.
- Co-authored 90-page report summarizing findings and provided an action plan to help increase firm's product distribution. Efforts of team resulted in 1<sup>st</sup> place win in Wharton Biotech Group's consulting competition.

### **Consultant, Penn Biotech Group**

The Wharton School of Business, University of Pennsylvania

**January-April 2008**

- Analyzed the competitive landscape for a local communications firm looking to increase market share in healthcare and life sciences marketing.
- Evaluated firm's strengths and weaknesses for market and client access.
- Recommended strategies to improve firm's comparative advantage and current resources.

### **Chair, Biomedical Graduate Student Association (BGSA)**

University of Pennsylvania School of Medicine

**2007-2009**

- Managed the Executive Board and led monthly Executive and General Assembly meetings.
- Developed the organization's annual agenda and spearheaded restructuring of the government's funding scheme through revision and implementation of a new Constitution.
- Improved the organizational awareness among the biomedical graduate student population, implementing promotional strategies and sponsoring novel events that grew attendance an average of 20%.
- Oversaw a \$24,000 budget and ensured that expenditures and sponsored events aligned with the organization's mission and goals.
- Initiated bi-annual meetings with school administration to discuss the government's agenda and facilitate dialogue on issues of importance to the biomedical student community.

### **Founding Board Member, Student Society for Stem Cell Research (SSSCR)**

**2004-2005**

- Co-designed the organizational structure and recruited board members across the U.S.
- Provided expertise on emerging areas of stem cell research and wrote literature and commentary for website content.

### **Professional Talks & Lectures**

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Visiting Instructor, University of the Sciences in Philadelphia. Cell Biology Methods Laboratory (BS 767). Philadelphia, PA. September 23, 2010.

Speaker, University of Pennsylvania Institute of Regenerative Medicine Scientific Retreat. Philadelphia, PA. October 7, 2008.

Young Investigator Talk, Federation of American Societies for Experimental Biology: Lung Epithelium in Development and Disease. Saxtons River, VT. August 4, 2008.

### **Selected Papers**

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**L Name F**, Tian Y, Lu MM, Cheng L, Yang J, Cohen ED, Morrisey EE. *Wnt2 signaling is necessary and sufficient to activate the airway smooth muscle program in the lung by regulating myocardin/Mrtf-B and Fgf10 expression*. Submitted, Developmental Biology.

Pacheco-Pinedo E, Durham A, Stewart KM, **L Name F**, Lu MM, DeMayo FJ, Morrisey EE. *Wnt/ $\beta$ -catenin signaling accelerates mouse lung tumorigenesis by imposing an embryonic distal progenitor phenotype on lung epithelium*. Accepted, Journal of Clinical Investigation.

Tian Y, Yuan L, **L Name F**, Wang T, Yang J, Lepore JJ, Zhou D, Schwartz R, Patel V, Cohen ED, Morrisey EE. *Characterization and in vivo pharmacological rescue of a Wnt2-Gata6 pathway required for cardiac inflow tract development*. Dev. Cell 2010; 18(2):275-87.

**L Name F**, Morrisey EE. *Wnt signaling and specification of the respiratory endoderm*. Cell Cycle 2010; 9(1):10-1.

**L Name F**, Tian Y, Tsukiyama T, Cohen ED, Zhou D, Lu MM, Yamaguchi T, Morrisey EE. *Wnt2a/2b and  $\beta$ -catenin signaling are necessary and sufficient to specify lung progenitors in the foregut*. Dev. Cell 2009; 17(2): 290-8.