

Ryan Goldstein

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Education

Drexel University School of Biomedical Engineering, Science & Health Systems *Philadelphia, PA*

- **Degree:** Doctor of Philosophy (PhD) Student.
- **Areas of Study:** Biomedical Engineering; Specialization in Neuroengineering.

University of Pennsylvania School of Engineering and Applied Science *Philadelphia, PA*

- **Degree:** Bachelor of Science in Engineering (BSE), May 2009.
- **Areas of Study:** Major: Bioengineering; Minors: Nanotechnology, Biophysics, Engineering Entrepreneurship.
- **Activities:** Wharton Venture Initiation Program; Weiss Tech House.
- **Senior Design Project:** "Design of a Bilayer Chamber for Detection and Analysis of Nanoscissor-Induced Photopores"

Work Experience

Moberg Research Engineer, May 2010 – Present *Ambler, PA*

- Work in multiple engineering capacities to support projects both in-house and for external contractors, including public companies and federal government and military agencies.
- Specialize in medical informatics, helping to develop and implement standards and technology for bedside decision support.

ChronoWake President/CEO, May 2008 – Present *Philadelphia, PA*

- Founded this company and assembled a full team to develop and market a product that utilizes advanced physiological signal analysis and processing to wake the user at an ideal time, within preference metrics, to minimize grogginess in the morning.
- Received numerous awards and honors, including the \$10,000 Wharton Venture Award.
- Lead the ChronoWake Team, contributing to product design, marketing, finance, and engineering.

Pulsar Informatics Research Associate, May 2008 – December 2009 *Philadelphia, PA*

- Held various positions, including NASA compliance analyst, electrical engineer, data analyst, grant proposal writer, market researcher, quality assurance engineer, and director of software testing.
- Heavily involved in numerous projects contracted by Fortune 500 corporations and federal government agencies.

BioNanomatrix Research Assistant, November 2007 – February 2008 *Philadelphia, PA*

- Assisted in research, engineering, and analysis of nanochannels and associated technology.

Eye Star Vision Center Summer Assistant/Researcher, June 2006 – August 2007 *Bryn Mawr, PA*

- Conducted research projects, including investigating the relationship between mean arterial pressure and intraocular pressure.
- Acted as an administrative and medical assistant, directly interacting with patients.

Selected Awards and Honors

DVIN Life Science Fellowship Recipient (2009); Innovation Fund Award Winner (2009); Wharton Venture Award Winner (2009); PennVenture Finalist (2009); Weiss Tech House Innovation Fund Recipient (2009); Wharton Entrepreneurship Conference Expo Invited Participant (2009); Wharton Venture Initiation Program (2008-2010); National Technology Achievement Award (2003-2005); Lemelson-MIT InvenTeams Grant Winner (2004).

Skills and Interests

- **Computer:** MATLAB, Maple, Microsoft Office, Java, C++, Visual Basic, HTML/JavaScript/AJAX/PHP, Unix/Linux, Network Security
- **Other:** NAUI Certified SCUBA Diver, Valley Forge Aviation Certified Pilot

Last updated: Wednesday, July 14, 2010