

Collin Turner Stabler

1817 Bainbridge St. Apt. 2, Philadelphia, PA 19146
(781) 249-1281
collin.stabler@gmail.com

Objective: To find innovative ways to repair damaged systems or tissues in the human body.

Overview: Ph.D. student in the field of Biomedical Engineering. Extremely motivated, project oriented and team building engineer with the highest levels of integrity and initiative.

Education:

Drexel University, School of Biomedical Engineering. Philadelphia, PA

- Doctorate of Philosophy, Currently enrolled
- Major: Biomedical Engineering
- GPA: 3.44

Course Work:

Fall Quarter 2009:

- Biosimulation 1
- Medical Sciences 1
- Biomedical Mechanics 1

Winter Quarter 2009-2010:

- Biosimulation 2
- Medical sciences 2
- Biomedical Mechanics 2

Hofstra University, Hempstead, NY

- Bachelor of Engineering, May 2008
- Major: Engineering Science, Biomedical Engineering Option, Biomechanics Concentration
- Presidential Scholarship
- Dean's List
- Jewish War Veteran's Young Leadership Award
- GPA: 3.41

Athletics & Leadership:

Hofstra University:

- Hofstra Lacrosse Team (Conference Tournament All Star)
- Theta Tau (Professional Engineering Fraternity; Position: Scribe)
- Biomedical Engineering Society (Position: Secretary)
- Newman Club (Campus Catholic Life)

Concord Carlisle Regional High School:

- Student Council President – worked with Principal to transition student government to Student Senate

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Work Experience:

- Graduate Volunteer for Dr. Peter Lelkes' Tissue Engineering Lab at Drexel University (September 2009 – PRESENT)
 - o Currently working on isolating adult lung progenitor cells from rats. Also help maintain general lab equipment and procedures.
- Associate Scientist for SBH Sciences Inc., Natick MA (September 2008 – September 2009)
 - o Worked on the purification, and analysis, of proteins with column chromatography and ultra-filtration.
- Research Intern for North Shore University Hospital in the Feinstein Institute for Medical Research; within Dr. Daniel Grande's Orthopedics Research Laboratory, Manhasset NY (December 2007 – August 2008).
 - o Worked on optimizing the seeding of chondrocytes onto different scaffolds for implant in rabbit knee defects. Included building equipment, and writing procedures.
- Camp Counselor for Quogue Field Club's Junior Sports, Quogue NY (May 2007 – August 2007)
- Marketing Intern for Cecropia Inc., Lexington MA (May 2006 – August 2006)
- Tutor for engineering, and related courses at Hofstra University (September 2005 – May 2008)

Technical Skills:

- Microsoft: Word, Excel, PowerPoint; Internet; SolidWorks; MatLab; AutoCAD
- Laboratory: centrifugation, gel electrophoresis, visible light spectrophotometry, light microscopy, cell and tissue culture, histology, ELISA, IACUC-certified, column chromatography, and ultra-filtration.