

# Viviana Ogawa

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## Objective

To obtain an internship pertaining to pharmaceutical synthesis research.

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University of California, Los Angeles

Graduating June 2013

BS, Bioengineering  
Overall GPA: 3.06  
Major GPA: 3.20

### Relevant Coursework

- ⊗ Life Sciences: Cells, Tissues, and Organs  
Introduction to Molecular Biology  
Genetics - Recombination, biochemical genetics, mutations, gene regulation  
Stem Cell Biology, Politics, and Ethics
  - ⊗ Chemistry: Organic Chemistry - Analysis of chemical kinetics, reactions, and separations  
Organic Chemistry - Reactivity, Synthesis, and Spectroscopy Laboratory  
Biochemistry - Introduction to Structure, Enzymes, and Metabolism
  - ⊗ Bioengineering: Classical and statistical thermodynamic analysis of biological systems  
Biomedical Transducers  
Experiments in fluorescence microscopy, bioconjugation, soft lithography, and cell culture
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## Projects and Activities

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|-----------------------|---|
| Fall 2012 - Ongoing   | Department of Bioengineering/Department of Surgery Project<br>Undergraduate Research Assistant<br><br>Working on characterizing adipose stem cells on biomimetic apatite-coated PLGA scaffolds.<br>Gained practical research skills including pipetting, autoclaving, cell culturing, various staining techniques, protein harvesting, Western Blot development, and plasma treating. |
| Winter 2012 - Ongoing | National University Clean Energy Business Challenge (FLoW)<br>Home Automation and Smart Home Control<br><br>Working with a team of four from CalTech to develop an inexpensive system and intuitive interface for homeowners to receive energy information and device control capabilities from an iPad app.  |
| Fall 2009 - Ongoing   | Active member of the UCLA Biomedical Engineering Society  |
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## Special Skills

- ⊗ Proficient in Microsoft Word, PowerPoint, Excel
  - ⊗ Proficient in Adobe Illustrator, Adobe Flash
  - ⊗ Bilingual in English and Japanese
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