



AMGEN[®]

OUR VALUES

- Be Science-Based • Compete Intensely and Win
- Work in Teams • Create Value for Patients, Staff and Stockholders
- Trust and Respect Each Other • Ensure Quality
- Collaborate, Communicate and Be Accountable • Be Ethical

Few careers offer the chance to make a difference in people's lives.

Take advantage of an internship opportunity at Amgen, the world's largest biotechnology company.

Amgen discovers, develops, manufactures, and delivers innovative human therapeutics. A biotechnology pioneer since 1980, Amgen was one of the first companies to realize the new science's promise by bringing safe, effective medicines from lab to manufacturing plant to patient. Amgen therapeutics have changed the practice of medicine, helping millions of people around the world in the fight against cancer, kidney disease, rheumatoid arthritis, bone disease, and other serious illnesses. With a deep and broad pipeline of potential new medicines, Amgen remains committed to advancing science to dramatically improve people's lives. For more information, visit www.amgen.com and follow us on www.twitter.com/amgen.

Amgen's internship program offers meaningful project experiences that impact patient's lives, competitive compensation, housing benefits (for eligible candidates), executive networking events, social networking events, community volunteer project opportunities, on-site fitness activities and much more.

Process & Product Development Department (P&PD) Co-op Opportunities for 2013

Amgen's Process & Product Development Department at our Thousand Oaks, California headquarters and Seattle, Washington site is looking for grad co-op's for 6 month project's at both locations responsible for the following:

Grad Co-op (#19286BR) – Thousand Oaks, CA: The student will work on manipulation of several other pathways to modulate high mannose and galactosylation content for several cell lines. Will understand effects of different metabolites/substrates on these PQAs as well as their interactions. Will integrate interdisciplinary Omics data to build interactions that lead to a desired PQA. Will build hypotheses for desired PQA control, and execute experiments to validate them. Additionally, will learn the most advanced cell culture techniques in various scales. Will also learn different cell-based assays and sampling techniques. Will gain in-depth knowledge in Omics research and system biology.

MORE DETAILS: OVER →

www.amgen.com/careers



Amgen has facilities or subsidiaries in the following locations:

- California (South San Francisco, Thousand Oaks)
- Colorado (Boulder, Longmont)
- Kentucky (Louisville)
- Massachusetts (Cambridge, Woburn)
- Puerto Rico (Juncos)
- Rhode Island (West Greenwich)
- Washington (Bothell, Seattle)
- Washington, D.C.

Grad Co-op (#19287BR) – Thousand Oaks, CA: Looking for a Grad Co-op to collaborate with the engineering group to develop chromatography modeling for Purification Process Development (PPD) using an established platform. Collaborate with HTS automation experts to optimize an experimental framework for model parameter determination. Analyze precision and accuracy of HTS methods for model parameter determination. Analyze error propagation of parameter uncertainty on model predictions. Develop supplemental, novel, and efficient experimental methods and designs for model parameter determination.

Grad Co-op (# 19295BR) – Seattle, WA: Looking for a computational biologist Grad Co-op to assist in efforts to apply systems biology to therapeutic protein production. Amgen's interest in systems biology results from an applied, medically relevant problem, with significant financial consequences. We seek to understand our system at a level whereby we can systematically predict conditions which result in cells producing high levels of therapeutic proteins with the desired physical attributes. The Co-op will assist with the development of a database containing all in-house generated systems level data. Aggregate and analyze relevant externally generated systems level data. Re-analyze existing data (in particular microarray data) using updated identifications. Integrate disparate data types over a variety of experimental conditions. Identify modules, genes and gene ontologies across the data types. Construct interaction networks from relevant experimental conditions, eg extrinsic versus intrinsic conditions. Identify network signatures for particular product quality attributes. Identify coherent regulation across multiple data types.

Grad Co-op (# 19294BR) – Seattle, WA: Looking for a Grad Co-op for our Pilot Plant Operations to develop dynamic models of biopharmaceutical manufacturing processes. Perform optimization analyses using these models. Develop effective methods for communicating the results of these analyses. Develop stand-alone simulation tools from these models that will enable Amgen staff to independently design processes and investigate operating condition and process parameter options.

Please note: For more information on the Co-op positions please visit Amgen.com. All individuals applying for an internship or a co-op assignment at Amgen must meet the following criteria: Must be 18 years or older; Must be currently enrolled at an accredited four-year college or university; Must have completed at least 1 full year of study at the time the internship begins; Must have not yet graduated; Must be in good academic standing within their majors and overall at their university; Must be enrolled in school the fall season following the potential internship or co-op assignment. For more requirement specifics please see the job posting.

APPLICATION INSTRUCTIONS

Please visit Amgen's career page at www.amgen.com/careers and click on "Job Search". When searching, be sure to select "College Job" from the Career Category drop down menu. Use the Job Number listed above in the search field for the specific internship opportunity. Or simply use the QR code below to search and apply for Amgen's Internship opportunities.



In order to be considered you must apply via www.amgen.com/careers.

Amgen retains the right to add or change the duties of the position at any time.
As an EEO/AA M/F/V/D employer, Amgen values and encourages diversity in the workplace

University Relations