

# David Narayan

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## Education

### University of Colorado at Denver and Health Sciences Center

*B.S., Biology with a minor in Mathematics, May, 2005*

## Work Experience

### B Braun Medical-CAPS Denver, 01/2012-11/01/13

*QC Microbiologist*

- Implemented closed system (Steritest™) sterility testing program for compounded pharmacy products per USP 797
- Tested various compounded pharmacy products for potential microbial contamination using proper aseptic technique and testing methodology
- Performed environmental monitoring
- Maintained personnel gowning qualifications records, laboratory records and maintained reagents and testing supplies as necessary

### SEIU UHW-West & Joint Employer Education Fund, 08/16/10 - Present

*Contract Educator*

- Conduct supplementary sessions for pre-healthcare students enrolled in General Biology I/II, Anatomy & Physiology I/II, Pathophysiology, Introduction to Chemistry, General Chemistry, Microbiology and Statistics at community colleges

### University of Colorado at Denver School of Pharmacy, 07/2008 - 04/2009

*Teaching Assistant*

- Held supplementary sessions in pharmaceuticals, biochemistry and human physiology

### Amgen, Inc., Boulder, Colorado, 11/2005 - 04/2007

*Associate, Cell Culture/Protein Purification*

- Manufactured monoclonal antibodies utilizing mammalian (CHO) and microbial (E. coli) expression systems
- Performed cell culture scale-up from shake flask to 15K liter bioreactor
- Performed purification via column chromatography and Tangential Flow Filtration (TFF) system
- Executed routine validation protocols and maintained manufacturing protocols, SOPs, reports and related GMP documents
- Analyzed production and process data; identified trends and researched causes for variations in production processes
- Performed environmental monitoring
- Performed QC tests such as pH, dissolved oxygen, bioburden, and conductivity to ensure integrity of the product and processes
- Performed CIP, SIP, and pressure tests on filters and bioreactors

## Computer Skills:

Microsoft Office, LIMS, SCADA, C, and C++, Jeevs