

# Billie Beach

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## EDUCATION

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Bachelor of Science in Chemistry  
California State University, Long Beach (CSULB)

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## RELATED COURSES

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Organic Chemistry, Inorganic Chemistry, Chemical Communication, Separation Processes, Electricity and Magnetism, Applied Mathematics

## SKILLS

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Computer: Microsoft Word, Excel, PowerPoint, C++; MATLAB; Adobe Illustrator, Photoshop  
Equipment: Fluorimeter, Thermocycler, Calorimeter, Chromatography System, Density Meter Instrumentation

## PROJECTS

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### Insect Cell Purification

- x Examined protein structural and functional analysis of endocytosis by transmission electron microscopy (TEM) and biochemical methods
- x Researched experience of over-expressed Dynamin (100 kDa GTPase) protein with baculovirus infected Tn5-JE insect cell and its purification

### Genetic Mapping

- x Identified molecular biology concepts which could be utilized towards development of new proprietary DNA mapping technology

## EXPERIENCE

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Take Out Home