

# Bruce Begovic

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Offering solid competencies and proven track record documented by Master's degree in Biology and targeted Bachelor's degree, paired with eight years' part time work experience in biotech, communications and teaching/tutoring fields

## Education

### Master of Science, Biology

California State University San Marcos, [date]

- Graduate thesis project entailed locating and classifying full length-retrotransposable element through probing of genomic library and PCR-mediated genome walking

### Bachelor of Science, Biology with Cellular and Molecular Biology Concentration

California State University, San Marcos, [date]

- Courses: Molecular Cell Biology, Animal Physiology, Genetics, Microbiology, Immunology, Virology, Neurobiology, Viral Evasion, Biochemistry, Research Methods
- Hazardous Communications and Laboratory Safety trained and certified, [date]
- Radioactive Materials Handling and Safety trained and certified, [date]
- Instructional qualifications include California Basic Education Skills Test certification

## Skills

• RDA	• restriction digests	• DNA extraction
• PCR, QPCR	• Southern blotting	• DNA, RNA isolation
• mass spectrometry	• plasmid prep	• radiolabeling
• gel electrophoresis	• cell culture	• protein purification
• SDS-PAGE	• bioinformatics	• cell culture
• cloning	• probe design	• MS Word, Excel, PowerPoint

## Work Experience

### Graduate Lab Research Associate

[dates]

California State University, San Marcos

- Project leader in a representational difference analysis to determine somatic cell genomic rearrangements between healthy and virally infected species
- Responsible for training and supervision of undergraduate students

### Teaching Associate

[dates]

California State University, San Marcos

- Supplemental Instruction course leader for Principles of Genetics class
- Instructor for Intro to Cell/Molecular Biology lab, General Education Science lab
- Teaching Assistant for Genetics Lab

### Biology Department Lab Technician

[dates]

California State University, San Marcos

- Prepared graduate/undergraduate lab exercises for classes including: Genetics, Cellular

## Biotechnology, Microbiology, and Animal Physiology

- Responsible for media /solution preparation, cell culture and all other aspects of lab component preparation
- Supervised undergraduate assistants

## Primary Science/Math Tutor

[dates]

Tutoring Pros Educational Services

- Tutored high school students in science and math, including Advanced Placement Biology, Chemistry, Calculus, Statistics and Physics courses

## Editorial Associate

[dates]

Sun Features, Inc.

- Research online, copy edit and fact check a wide range of topics for nationally syndicated columnist Joyce Lain Kennedy
- Provided content evaluation and technical direction for several of Kennedy's For Dummies books

## Accomplishments

- 3.9 GPA in graduate courses
- Presenter, Plant and Animal Genome Conference, [date]
- Presenter, Society for Molecular Biology and Evolution Conference, [date]
- Financed 100% of education through concurrent part-time employment and University grants