

# Shelby Matthews

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<b>Education</b>	California Polytechnic State University, San Luis Obispo Bachelor of Science in <b>Dairy Science</b> , June 2008	
<b>Related Experience</b>	<b>California Polytechnic State University, San Luis Obispo, CA</b> <b>Dairy Products Technology Center</b> <i>Rumen Digestion Study Leader</i> 9/2007 - 3/2008 <ul style="list-style-type: none"><li>• Led a study with the Applied Biotechnology Institute on rumen microbe digestion efficiency of cellulose with different types and concentrations of cellulase</li><li>• Developed a working model of testing digestion levels using the BacT/Alert machine</li><li>• Presented project at the American Dairy Science Association Undergraduate Research competition</li></ul> <i>Research Assistant</i> 1/2007 - 9/2007 <ul style="list-style-type: none"><li>• Performed research and development for nutritional value-added products with milk</li><li>• Trained students on laboratory techniques, protocols, and equipment for industry funded projects</li></ul> <b>California Polytechnic State University, San Luis Obispo, CA</b> <b>Dairy Science Department</b> <i>Recruitment Coordinator and Event Planner</i> Summer 2006 <ul style="list-style-type: none"><li>• Coordinated all logistics for two recruitment events for prospective students</li><li>• Contacted prospective students and produced descriptive documents</li><li>• Responsible for all outreach including informational materials and communication</li></ul> <b>Matthews Dairy, Hanford, CA</b> <i>Secretary and Herd Manager Assistant</i> 6/1996 - 9/2005 <ul style="list-style-type: none"><li>• Performed administrative duties in the dairy business office including: managing accounts, Quicken, EZ Feed, and Dairy Comp 305</li><li>• Assisted with tasks such as calf feeding, herd list organizing, and identification record maintenance</li></ul>	
<b>Skills and Certifications</b>	Kjeldahl Protein Analysis Gel Electrophoresis Feed Sampler Microsoft Office	Microbial Staining/Plate Counts Thin Layer Chromatography Artificial Inseminator Minitab 15
<b>Relevant Coursework</b>	Animal Metabolism Genetics Animal Genomics	Organic Chemistry Applied Statistical Methods Biochemistry
<b>Additional Experience</b>	<b>Linnaea's Cafe, San Luis Obispo, CA</b> <i>Barista and Baker</i> 9/2005 - 4/2006 <ul style="list-style-type: none"><li>• Prepared coffee drinks, smoothies, and pastries while maintaining inventory</li><li>• Demonstrated ability to handle responsibility and work independently; opened and closed shop alone on a regular basis</li></ul> <b>Le Panier at Pike Place Market, Seattle, WA</b> <i>Barista and Salesperson</i> 9/2004 - 6/2005 <ul style="list-style-type: none"><li>• Prepared coffee drinks under the pressures of long lines and demanding customers</li><li>• Maintained an immaculate display of specialty French pastries and breads</li></ul>	
<b>Activities</b>	Dairy Quiz Bowl Team Los Lecheros Dairy Club, Cal Poly Intramural softball San Luis Obispo Triathlon volunteer (4 years)	