

# Adrienne L. Brundage

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## ***EDUCATION***

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### **California Polytechnic State University, San Luis Obispo**

Bachelor of Science, Plant Protection Sciences 1999

Minors: Theater and Music

### **California State University, San Jose**

Masters of Science, Organismal Biology 2007

Major GPA: 3.75, Overall GPA: 3.4

**Curriculum Highlights:** Taxonomy of Immature Insects, Seminar in Entomology, Insect Ecology, Seminar in Advanced Biology: Organismal Biology, Seminar in Advanced Biology: Molecular and Microbiology, Introduction to Forensic Investigation, Principles of Crime Scene Investigation, Advanced Crime Scene Investigation, Forensic Anthropology, Advanced Human Anatomy, Evolution

**Thesis:** Distribution and Abundance of Forensically Important Flies in Santa Clara County: A two year survey and analysis of Calliphoridae species collected in three habitats.

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## ***Professional Associations***

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North American Forensic Entomology Association, Associate Member, 2004-2008

American Academy of Forensic Sciences, Student Member, 2003-2008

Entomological Society of America, Student Member, 1998-2008

Pacific Coast Entomological Association, Student Member, 1999-2007

American Association for the Advancement of Science, Professional Member, 2006-2008

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## ***Forensic Entomological Cases***

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Assisted Dr. Jeffery K. Tomberlin, Case 028 larval rearing and care, identification and interpretation of entomological evidence, Harris County, May 2008

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## ***Entomological/Teaching Experience***

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### Manuscript Peer Review 2008

Peer review and correction of submitted manuscripts for professional journals  
Enomologica and Journal of Medical Entomology

### Lecturer in Forensic Entomology, Texas A & M University, 2008

Organization and presentation of lectures and labs in Forensic Entomology;  
Management of teacher's assistants; assignment and correction of papers, tests,  
and quizzes, and projects designed to teach and test specific forensic  
knowledge; leadership and management of 140

### Forensic Entomology Intern, Santa Clara County Sheriff's Office, 2007

On call as local forensic entomologist; available to collect entomological evidence  
at crime scenes and autopsy; analysis of entomological evidence and completion  
of report including post mortem interval estimation

### Training Supervisor, Entomological Evidence Recovery, 2006-2007

Design and implementation of all-day training seminars targeted at crime scene  
investigators and other sheriff's office personnel; assist forensic anthropologist  
during clandestine grave removal seminars

### Lecturer, San Jose State University, 2005-2007

Organization and presentation of lectures and labs in a variety of classes,  
including Human Biology, Bacteriology, and Human Understanding; Management  
of teacher's assistants, lab staff, and graduate assistants; assignment and  
correction of papers, tests, and quizzes designed to teach and test knowledge;  
leadership and management of 400-plus students each semester

### Forensic Entomology Intern, Santa Clara County Medical Examiner's Office, 2004

On call as local forensic entomologist; available to assist during autopsy of  
severely decomposed remains; collection of entomological evidence during  
autopsy

### Assistant to Forensic Entomologist Dr. Jeffery Y. Honda, 1999-2005

Assist forensic entomologist with evidence collection and management;  
supervise larval rearing and care; assist in post mortem interval estimation

### Professional Expert in Entomology and Botany, P<sup>3</sup> Summer Institute, 2007

Assist as science pedagogy expert specializing in insect and plant research in  
NSF grant designed to expose grade school teachers to the California science  
standards

Graduate Assistant, San Jose State University, 1999-2005

Organize and teach lab sections of science classes, including botany, zoology, cell biology, human biology, microbiology, and bacteriology

Insect Lab Technician, HotLix Candy Company, 1996

Rear and prepare insects used in candy product; maintain cultures of insects including *Tenebrio molitor* (mealworms), several Gryllidae species (crickets), and Tipulidae species (crane flies)

Apiary Manager, Cal Poly San Luis Obispo, 1995

Student project, responsible for six month management of campus apiary

Orchard Manager, Cal Poly San Luis Obispo, 1994-1995

Student project, responsible for one year management of campus citrus and avocado orchard, including harvest, pest management, tree replacement, cold management, and harvest sales

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### ***Presentations***

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Seasonal Distribution and Abundance of Forensically Important Flies in Santa Clara County, NAFEA Annual Meeting, June 2008

Forensic Entomology Introductory Presentation, May 2008

Introductory information for undergraduate research students working in entomology at Texas A&M University

Tour and Research Explanation for Future Students, March 2008

Introduction to forensic entomology research and facilities at Texas A&M University for 60 future students

Poster Presentation during AAFS annual meeting, February 2005

Poster entitled *Seasonal Distribution of Forensically Important Flies in Santa Clara County* presented during annual meeting of the American Academy of Forensic Sciences, professional society

Introduction to Entomology, San Jose High School, May 2004

Introductory level presentation for 30 high school science students including forensic entomology, IPM, and general collection techniques

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## ***Workshops and Training***

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Forensic Scientists and Criminal Investigations, June 2008

General overview of scientists involved with criminal investigations, including in service seminars, credentialing, references, background investigations, internships, surface recovery of skeletal remains and clandestine grave exhumations, crime scene behavior, evidentiary procedures, evidence collection, chain of custody, court room demeanor and testimony, and cold case homicide investigations

Engaging Students in Classroom Discussion, January 2008

Workshop focusing on managing successful classroom discussions, stimulating questions, assessing for student learning, probing for deeper thinking, and encouraging participation from all students

Lecturing Well (Teaching Strategies Series Session I), January 2008

Workshop focusing on developing and presenting effective lectures. Presented by Texas A&M University Center for Teaching Excellence

Forensic Entomology and Anthropology, February 2005

Workshop moderated by professional forensic anthropologists and entomologists presented at the American Academy of Forensic Sciences annual meeting. Curriculum included basic investigative techniques in entomology and anthropology, case studies, lectures, and discussion

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## ***Honors and Awards***

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Duncan Scholarship for Outstanding Biology Student 2001

Graduate Assistant Grant 1999-2000

Enterprise Project Student of the Year 1994

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## ***Additional Experience***

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Harpist, Owner of Adrienne Brundage Harp, 1994-2008

Head Steward, Sam Adams Long Shot Competition, 2008

Organization management of 200 flights of competition beer during Sam Adams' annual competition; management of 30 general stewards and 150 beer judges

Certificate in Prehospital Emergency Care, 2007

Owner, 3 Llamas Web Hosting, 2000-2001

Customer Service Associate, San Jose State Post Office, 1999

Customer Service Representative, The Grid Internet Services, 1998-1999

Customer Service Associate, Hollywood Video, 1997-1998

Rape Crisis Intervention Counselor, San Luis Obispo Rape Crisis Center, 1996-1997