

**Please submit abstracts online at:**  
<http://orsp.csufresno.edu/abstracts10.asp>

If you have any questions, please call  
(559) 278-0840

### ABSTRACT FORMAT

#### TITLE

**Presentation Preference: Oral or Poster**

Author(s)

Institution(s)

Mailing Address

Daytime Phone Number

E-mail Address

If you are a student presenter, please indicate whether you are an Undergraduate, Master's, or Doctoral Student.

Abstract of not more than 300 words, single-spaced.

Do not use technical jargon. Use 12-point font. Do not indent the first line of each paragraph. Leave one blank line between paragraphs. Leave 1 1/2" left and right margins.

*Abstracts which are selected will be published in the proceedings exactly as typed.* The title should be brief but long enough to identify clearly the nature of the study. The body of the abstract should be organized as follows:

- a. An introduction stating objectives of the study.
- b. A brief summary of methods.
- c. A summary of results. (It is not satisfactory to state "the results will be discussed.")
- d. A statement of conclusions reached.

For additional information and a sample abstract:  
<http://csufresno.edu/grants/programs/students/symposium.shtml>

The closing date for submission of abstracts is  
Monday, March 22, 2010 by 11:59 p.m.

---

---

*Thirty-First  
Annual*

# Central California Research Symposium

**Call for Abstracts**

*Abstracts from all areas of  
investigation are encouraged*

**Symposium Date:**  
**Friday, April 23, 2010**  
**10:00 a.m. – 6:00 p.m.**

**California State University, Fresno**  
**University Business Center**

**DEADLINE: Monday, March 22, 2010**

---

---

**CALL FOR ABSTRACTS**  
**DEADLINE: MONDAY, MARCH 22, 2010**  
**31<sup>st</sup> ANNUAL RESEARCH SYMPOSIUM**

- The purpose of the Symposium is to share recent research with community investigators in various fields, college students, and faculty as well as to encourage research activities in the Central Valley. All fields of research will be considered for presentation to exchange further ideas among investigators and the general public.
- Comparative analysis, data, and results of completed research or research in advanced stages of completion must be described in the abstract. Authors should indicate their preference for either an oral or a poster presentation.
- Presentation will be selected by a committee based on the following criteria: scholarly merit appropriate to the discipline, creativity, timeliness, value, and clarity to an audience of scholars not necessarily from the same discipline. The most frequent reason for rejection of proposals is absence of results. **Abstracts should not contain technical jargon and undefined symbols.**
- Oral presentations will be limited to 15 minutes followed by discussion. Notification of acceptance will specify location and exact time of presentation. Because of limited facilities, no more than one presentation may be made by an individual author. This does not preclude a co-author from making a presentation.
- Details of the poster format will be provided to authors selected for a poster presentation. Abstracts must be submitted for selection of poster as well as oral presentations. All abstracts selected for presentation will be published in the Central California Research Symposium Proceedings.
- Student awards followed by a social hour will conclude the symposium.

Special sessions for student presenters will be held. Judges attending the student sessions and the poster session will recommend undergraduate and graduate students for cash awards. Authors of papers entered in the student competition must be sponsored by a faculty member.

**Coordinating Committee**

*California State University, Fresno*

Mark Arvanigian, Ph.D.  
*Department of History*

Saeed Attar, Ph.D.  
*Department of Chemistry*

Sharon Benes, Ph.D.  
*Department of Plant Science*

Jason Bush, Ph.D.  
Alejandro Calderon-Urrea, Ph.D.  
Brian Tsukimura, Ph.D.  
*Department of Biology*

Doug Carey  
Thomas McClanahan, Ph.D.  
*Office of Research and Sponsored Programs*

Karen Carey, Ph.D.  
*Division of Graduate Studies*

Ramakrishna Nunna, Ph.D.  
*College of Engineering*

Karl Oswald, Ph.D.  
*Department of Psychology*

*Alliant International University*

Siobhan O'Toole, Ph.D.  
*Department of Forensic Psychology*

*UCSF Fresno Medical Education Program*

Donna Hudson, Ph.D.  
*Academic Research and Technology*

Paul Mills, Ph.D.  
*Professor*

Michael Peterson, M.D.  
*Department of Internal Medicine*

Joan Voris, M.D.  
*Associate Dean*

Kent Yamaguchi, M.D.  
*Department of Surgery*

***Fresno City College***  
Edward Lindley, Ph.D.  
*Department of Chemistry*

Rick Stewart  
*Department of Biology*

***U.S. Department of Agriculture***

Joseph Smilanick, Ph.D.  
*Agriculture Research Service*

***Clovis Botanical Garden***  
Cynthia Eayre, Ph.D.