



Scholarship

Research

Creative Activity

California State University, Los Angeles

FILE
PR "Box"
(Public Relations)

14th Annual Student Symposium

Friday, February 24, 2006

8 a.m. - 2 p.m.

Location: Salazar Hall and the Institute
for Applied Gerontology

SYMPOSIUM



Co-sponsored by:
The Office of Research and Sponsored Programs
Office of Graduate Studies and Research
The Honor Society of Phi Kappa Phi

February 24, 2006

Welcome to all the student participants, faculty mentors, judges, and other guests who are attending the 14th Annual CSULA Symposium of Research, Scholarship, and Creative Activity. We are pleased that you have chosen to be part of this exciting day, and we hope that you enjoy the stimulating examples of intellectual activity that you will be experiencing.

This annual event is open to both undergraduate and graduate students in all disciplines. Our student presenters represent all areas of the University, a testament to the hard work of the many individuals involved in ground-breaking and innovative research and scholarly activity on our campus. The research and scholarly activities that will be shared today will give evidence of the high standards and academic quality that our University represents.

Each year, winners of the Cal State L.A. Symposium go on to represent our campus in a competition with representatives of other Cal State campuses, and our success in the state competition underscores the quality of the educational experience at Cal State L.A. We know our campus will excel again this year.

This year's symposium features 43 oral presentations and 34 poster exhibits in eight discipline areas. We invite you, first, to choose from among the seven groups of oral presenters. Then, you can explore the poster exhibit in the Institute for Applied Gerontology, Rooms C98 and C99, where you can interact with the many student researchers who are exhibiting their work.

We wish each of the participants all the best academically and personally. To the faculty mentors and others who are attending this Symposium, please accept our sincere appreciation for being part of the process of ushering in our next generation of scientists, thinkers, and creative individuals.

José L. Galván, Dean of Graduate Studies and Research and
President of The Honor Society of Phi Kappa Phi
Benjamin Figueroa, Director of Research Administration

Symposium Schedule

8:00 a.m. - 9:00 a.m.

Symposium Registration and Presenter Check-In

Salazar Hall Patio

9:00 a.m. - 12:00 p.m.

Oral Presentations

Physical Sciences – Salazar Hall C237

9:00 a.m. – 12:00 noon (Break – 10:20 a.m. – 10:40 a.m.)

- 9:00 Froseen T. Dahdouh
- 9:20 Charles Ufomadu
- 9:40 Alvaro Gomez
- 10:00 Taguhi Sogogomonyan
- 10:20 BREAK**
- 10:40 Steven Han
- 11:00 Jorge Osuna
- 11:20 Giau Hua
- 11:40 Anne Sullivan

Behavioral & Social Sciences – Salazar Hall C135

9:40 a.m. – 12:00 noon (Break – 10:20 a.m. – 10:40 a.m.)

- 9:40 Zylia Montana
- 10:00 Efrat Sadras
- 10:20 Jessica Dahlberg
- 10:40 BREAK**
- 11:00 Victoria Stosel
- 11:20 Emilio Merino
- 11:40 Kohanya Ranch

Behavioral & Social Sciences/Business – Salazar Hall C162

9:00 a.m. – 11:20 a.m. (Break - 10:20 a.m. – 10:40 a.m.)

- 9:00 Dana Weiser
- 9:20 Laura Peterson and Charissa Silva
- 9:40 Bodin (Dee) Praovichien, Charita Eurvilaichit, and Agavatpanich (Grace) Gallissara
- 10:00 Amber Ritter
- 10:20 BREAK**
- 10:40 Peifang (Becky) Sun
- 11:00 Angélica López
- 11:20 Eleanora Litvina

Oral Presentations (Cont.)

Social Sciences/Education/Health – Salazar Hall C165 9:00 a.m. – 12:00 noon (Break – 10:20 a.m. – 10:40 a.m.)

- 9:00 Anny Ku
- 9:20 Cara E. Corngold
- 9:40 Carol Reynolds
- 10:00 Patricia Flores and Ana Jacinto
- 10:20 BREAK**
- 10:40 Sylvia D. Manabat and Tania Villalobos
- 11:00 Elizabeth Mota and Carlos Rodriguez
- 11:20 Delia M. Gutierrez

Biological Sciences – Salazar Hall C244 9:20 a.m. – 12:00 noon (Break – 10:20 a.m. – 10:40 a.m.)

- 9:20 Demian Willette
- 9:40 Elena Hidalgo
- 10:00 Carlos Alan Martinez
- 10:20 BREAK**
- 10:40 Alan Lesselyong
- 11:00 Rayshonda Williams, Linda Hammond, and Tim Osborne
- 11:20 Rocio Alvarez
- 11:40 Susana Nava

Humanities & Letters – Salazar Hall C255 9:00 a.m. - 10:40 a.m.

- 9:00 Heather Blenkinsop
- 9:20 Stephanie Abraham
- 9:40 Michael Mannino
- 10:00 Marty Felgen
- 10:20 Javier Cordon

Engineering – Salazar Hall C255 11:00 a.m. - 12:00 noon

- 11:00 Eric Yee
- 11:20 Zhiwen Li
- 11:40 Lei Zhao

Institute for Applied Gerontology

Biological Sciences

1. Michelle Morales and Geoffrey Yang
2. José Miranda
3. Angelina Iniguez
4. Omar R. Diaz
5. Sheetal J. Bhakta
6. Gilson J. Sanchez and Gordon Kwan
7. Mircea Voda
8. Susan Sanchez, Luis Gonzalez, James Horne, and Emmanuel Dotsey
9. Gregory Kanzaki
10. Nely Rivas, Candie Bautista, and Labeed Ben-Ghaly
11. Mario Nickenig
12. Joyce Ho
13. Jeanne Dyan Gamboa and Ketna Khalasi
14. Sandra Alvarez and Michael Waldon
15. Patricia Castillo
16. Marjannie Eloi
17. Heriberto Lima
18. Anita Mihecoby

Physical Sciences

19. Violet Calderon
20. Erika Garcia, Kent Miller, and Weihong Xu
21. Herbe Pech
22. Alejandra Ramirez
23. Florence Tse

Engineering

24. Daniel Castellanos

Behavioral and Social Sciences

25. Ivy Donaldson
26. Winny Shen and Elizabeth Gosset
27. Winny Shen and Elizabeth Gosset
28. Elizabeth Gosset and Winny Shen
29. Charissa Ann Silva

Poster Session Presentation (Cont.)

Health and Nutrition

30. Maritza Hernandez and Aileen Ariosa
31. Michiko Ishihara and Glen Chung
32. Ramón Antonio Mercado
33. Aiko Nakakihara
34. Liron Nemanim

Judges for Oral Presentations

14th Annual CSULA Student Research Symposium

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|---------------------|--|
| Yong Ba | Chemistry and Biochemistry |
| Brian Borys | L.A. County Juvenile Courts |
| Elaine Draper | Sociology |
| Janet Fisher-Hoult | Emerita, Educational Foundations and Interdivisional Studies |
| Charles Hoult | Northrop Grumman Corporation |
| Edward Hsieh | Economics |
| Vicki Kubo-Anderson | Chemistry and Biochemistry |
| Ray Lim | Psychology |
| Brigitte Matthies | Psychology |
| David Mayo | Geological Sciences |
| Kimberly Persiani | Curriculum and Instruction |
| Gretchen Peterson | Sociology |
| Edith Porter | Biological Sciences |
| Lauri Ramey | English |
| Sandra Sharp | Biological Sciences |
| Michael Siler | Political Science |
| Harmit Singh | Kinesiology and Nutritional Science |
| William Taylor | Physics and Astronomy |
| Howard Xu | Biological Sciences |

Judges for Poster Presentations

14th Annual CSULA Student Research Symposium

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|--------------------|-------------------------------------|
| Peter Castro | Chemistry and Biochemistry |
| Aaron Coleman | Chemistry and Biochemistry |
| Andrew Cornwell | Kinesiology and Nutritional Science |
| Ray de Leon | Kinesiology and Nutritional Science |
| Joel Ellwanger | Psychology |
| Raymond Garcia | Chemistry and Biochemistry |
| Corey Garza | Biological Sciences |
| Jai Hong | Technology |
| Lin Ke | Biological Sciences |
| Nazareth Khodiguan | Kinesiology and Nutritional Science |
| Dee Lewis | Psychology |
| Alison McCurdy | Chemistry and Biochemistry |
| Alan Muchlinski | Biological Sciences |
| Robert Nakamura | Biological Sciences |
| Heidi Riggio | Psychology |
| James Rudd | Chemistry and Biochemistry |
| Greg Santillan | Chemistry and Biochemistry |
| Howard Xu | Biological Sciences |

CSULA 14th Annual Student Symposium Reception

Golden Eagle Ballroom, 3rd Floor
March 2, 2006
3:00 – 5:00 p.m.

Co-sponsored by
Office of Graduate Studies and Research,
Office of Research and Sponsored Programs
The Honor Society of Phi Kappa Phi, Chapter 093

Program

Welcome

Benjamin Figueroa, Director, Research Administration
José L. Galván, Dean, Graduate Studies and Research, and President, Chapter 093, The Honor Society of Phi Kappa Phi

Opening Remarks

Herman Lujan, Provost and Vice President for Academic Affairs, California State University, Los Angeles

Overview of the Research Competition

Costello L. Brown, Emeritus Professor of Chemistry and Acting Director, Faculty Affairs

Recognition of 2005 CSULA State Delegates

George Bachmann, Special Assistant for Student Affairs—Enrollment Management

Presentation of Campus Symposium Winners

Poster Competition

Grady Hanrahan, Assistant Professor of Chemistry

Oral Presentation Competition

Mitchell Eisen, Professor of Psychology

Presentation of Campus Representatives to the Statewide Research Competition

George Bachmann, Vice President, Chapter 093, The Honor Society of Phi Kappa Phi

Presentation of Travel Award

José L. Galván, Dean, Graduate Studies and Research, and President, Chapter 093, The Honor Society of Phi Kappa Phi

Introduction of Symposium Planning Committee

Benjamin Figueroa, Director, Research Administration

Reception Planning Committee:

Paula Arvedson, George Bachmann, Ellen Stein, Evelyn Winchester, Ben Figueroa

Oral Presentations

Group 1: Physical Sciences – Salazar Hall C237

9:00 – 9:15

Froseen T. Dahdouh

B.A. Chemistry

Exploration in Flow Injection-Capillary Electrophoresis (FI-CE)

Faculty Mentors: Dr. Frank Gomez and Dr. Grady Hanrahan

9:20 – 9:35

Charles Ufomadu

M.S. Analytical Chemistry

Low Pressure Microfluidic-Capillary Electrophoresis (CE) Separations

Faculty Mentor: Dr. Frank Gomez

9:40 – 9:55

Alvaro Gomez

B.A. Biochemistry

Development of a Microfluidic Device for Polymerase Chain Reaction

Faculty Mentor: Frank Gomez

10:00 – 10:15

Taguhi Sogomonyan

B.S. Biochemistry

Estimation of Binding Constants for the Substrate and Activator of Agrobacterium Tumefaciens Adenosine 5'-Diphosphate-Glucose Pyrophosphorylase Using Affinity Capillary Electrophoresis

Faculty Mentors: Dr. Frank Gomez (CSULA) and Dr. Christopher Meyer (CSU Fullerton)

BREAK – 10:20 – 10:40

10:40 – 10:55

Steven Han

M.S. Chemistry

Titrimetric Analysis of Tetrasodium EDTA Using Proton NMR

Faculty Mentor: Dr. Yong Ba

11:00 – 11:15

Jorge Osuna

B.S. Chemistry

Quinoxaline-Crown Ether Cavitands

Faculty Mentor: Dr. Linda Tunstad

11:20 – 11:35

Giau Hua

M.S. Chemistry, Biochemistry Option

A Novel Assay to Detect Repair of Oxidized Cysteine Thiols

Faculty Mentor: Dr. Jamil Momand

11:55
Anne M. Sullivan
B.S. Physics
A Study of Young Stars in the Taurus Molecular Cloud
Faculty Mentor: Dr. Susan Terebey

Group 2: Behavioral and Social Sciences – Salazar Hall C135

9:40 – 9:55

Zylia Montana

B.A. Anthropology

Exploration of Neighborhood Gentrification in Boyle Heights

Faculty Mentor: Dr. James Brady

10:00 – 10:15

Efrat Sadras

M.A. Anthropology

Jewish Identity and Religious Revival in Cuba

Faculty Mentor: Dr. Beth Baker-Cristales

10:20 – 10:35

Jessica Dahlberg

M.A. Anthropology

Aggression in Baboons

Faculty Mentor: Dr. James Brady

BREAK – 10:40 – 10:55

11:00 – 11:15

Victoria Stosel

M.A. Anthropology

An Examination of Three Contemporaneous Sites on San Nicolas Island Through Meat and Protein Analysis

Faculty Mentor: Dr. James Brady

11:20 – 11:35

Emilio Merino

B.A. Anthropology

Utilization of Cave Space: An Ethnoarchaeological Perspective

Faculty Mentor: Dr. James Brady

11:40 – 11:55

Kohanya Ranch

M.A. Anthropology

The Chumash Revitalization Movement: Efforts to Reclaim and Revive the Past for Future Cultural Revival

Faculty Mentor: Dr. James Brady

Group 3: Behavioral and Social Sciences/Business – Salazar Hall C162

9:00 – 9:15

Dana Weiser

M.A. Psychology

Embedded Marriage Attitudes and Outcomes in Personal Relationships

Faculty Mentor: Dr. Heidi Riggio

9:20 – 9:35

Laura Petersen and Charissa Silva

B.A. Psychology

Developing and Validating a Test Anxiety Scale for a Multicultural Population: The Multicultural Assessment of Test Anxiety

Faculty Mentor: Dr. Gauthri Fernando

9:40 – 9:55

Bodin (Dee) Praovichien, Charita Eurvilaichit, and Agavatpanich (Grace) Gallissara

MBA, Marketing/B.S. Business Administration, Marketing

Youth's Vehicle Perception

Faculty Mentor: Dr. Shirley Stretch-Stephenson

10:00 – 10:15

Amber Ritter

M.S. Forensic Psychology

The Effects of Gang Affiliation on Juror Verdicts

Faculty Mentor: Dr. Mitchell Eisen

BREAK – 10:20 – 10:40

10:40 – 10:55

Peifang (Becky) Sun

MBA, Marketing

How the Youth Perceive Product Attributes for a High Ticket Product

Faculty Mentor: Dr. Shirley Stretch-Stephenson

11:00 – 11:15

Angélica López

M.A. Psychology

Statuses of Ethnic Identity Development and Academic Progress Among Latino(a) College Students

Faculty Mentor: Dr. Jean Phinney

11:20 – 11:35

Eleonora Litvina

B.A. Psychology

Recall For Spoken Words Characterized By Usage Frequency And Lexical Confusability

Faculty Mentor: Dr. Theodore Bell

