

H I G H E R E D U C A T I O N R E S E A R C H I N S T I T U T E

**CIRP**

**SUMMER WORKSHOP**

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**ANALYZING CIRP DATA: A HANDS-ON ASSESSMENT WORKSHOP**



**HERI**

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## Workshop Overview

The Higher Education Research Institute (HERI) presents an intensive three day workshop for individuals who wish to enhance their understanding and use of college student data. The workshop will be held July 12–July 14 at UCLA. The registration fee of \$575 covers course fees, materials, and a dinner reception on the first night of the workshop.

Presented by experts in the field, including Alexander Astin, Sylvia Hurtado, and Linda Sax, the workshop is designed to provide institutional researchers and other college personnel a comprehensive approach to analyzing college student data and applying this information to questions of interest to their campus. Participants will use Astin’s I-E-O model—a conceptual model for organizing and conducting studies of student development—in conjunction with SPSS to analyze datasets.

Participants may register for one of two tracks (although some sessions will involve both tracks together):

**Track I:** Intended for individuals with little or no experience with SPSS. Participants will receive an introduction to SPSS and an overview of basic statistical tools useful for conducting research on college students. Computer lab sessions will allow participants to use an existing longitudinal database on college students in order to recode and transform data as well as perform and interpret descriptive analysis using the I-E-O framework.

**Track II:** Intended for individuals with some familiarity with SPSS and a basic knowledge of regression analysis. Participants will receive a brief overview of SPSS and basic statistical tools and will move quickly into the theory and application of multiple regression analysis using CIRP data and the I-E-O model. Computer lab sessions will allow participants to use an existing longitudinal database on college students in order to perform and interpret descriptive as well as multiple regression analyses. Participants in this track also will learn how CIRP data can be used to estimate campus retention rates.

## WORKSHOP GOALS

By the end of the workshop participants should be able to:

- Describe and apply the I-E-O model.
- Identify and classify variables into three major groupings: Inputs, environments, and outcomes.
- Understand basic SPSS coding techniques, and how to transfer and translate these codes to the home computing environment (such as mainframe, DOS, Windows, or Macintosh).
- Read and interpret the output produced by SPSS within the framework provided by the I-E-O model.
- Develop basic skills for communicating research results to others (in written form and through presentations).

## WORKSHOP ORGANIZATION

FIRST DAY:

Wednesday, July 12

9am–5pm

*“Introduction to the Data Set & IEO Model”*

Dinner Reception: 6pm–8pm

SECOND DAY:

Thursday, July 13

9am–5pm

*“Using SPSS to Analyze College Student Data”*

THIRD DAY:

Friday, July 14

9am–3pm

*“Interpreting Output & Presenting Findings”*

## WORKSHOP INSTRUCTORS

**ALEXANDER W. (SANDY) ASTIN** is the Allan M. Cartter Professor of Higher Education at UCLA and Founding Director of HERI. Sandy has authored 20 books and some 300 other publications in the field of higher education. Major areas of inquiry include the outcomes of higher education, institutional quality, equality of opportunity and access, and assessment and research methodology.

**MARK GUNTY** is Assistant Director of Institutional Research and faculty member in sociology at the University of Notre Dame. He works in the areas of outcomes assessment, scholarship of teaching and learning, and student evaluation of teaching.

**SYLVIA HURTADO** is Professor and Director of HERI. Dr. Hurtado’s research focuses on student educational outcomes, campus climates, college impact on student development, and diversity in higher education. She is currently directing a National Institutes of Health project on the preparation of underrepresented students for biomedical and behavioral science research careers.

**WILLIAM S. KORN** is HERI’s Associate Director for Operations, a post he has held since 1982. In that capacity, Bill is responsible for the administration and analysis of HERI’s student and faculty surveys, as well as for providing technical support to representatives of institutions participating in the surveys.

**LINDA J. SAX** is Associate Professor-in-Residence in the division of Higher Education and Organizational Change at UCLA. She teaches graduate courses in research methodology, evaluation of higher education, and gender issues in higher education. Her research focuses on gender differences in the impact of college on students, and she is currently principal investigator on a nationwide study of the effects of single-gender education.

# CIRP Summer Workshop Registration Form

**Registration Deadline: June 15, 2006**

**> Register early—enrollment limited**

Name \_\_\_\_\_

Title/Office \_\_\_\_\_

Institution \_\_\_\_\_

Street Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Telephone \_\_\_\_\_

Fax \_\_\_\_\_ E-mail: \_\_\_\_\_

Track 1

Track 2

## **BREAKFAST & LODGING — SUNSET VILLAGE**

OPTIONS 1 AND 2

1. Single occupancy — bath \$ 119.00 night

2. Double occupancy — bath \$ 144.00 night

Name of roommate:

\_\_\_\_\_

No lodging needed

NOTE: Plan to check-in at Sunset Village after 4:00 pm Tuesday, July 11th and check-out before 1:00 pm Friday, July 14th.

## **PAYMENT CALCULATION**

CIRP Course & Materials \$ 575.00

Breakfast/Lodging \$119.00 × \_\_\_ nights = \$ \_\_\_\_\_

Breakfast/Lodging \$144.00 × \_\_\_ nights = \$ \_\_\_\_\_

Parking @ \$8.00/day \$ \_\_\_\_\_

**TOTAL** \$ \_\_\_\_\_

Make payable to: Regents, UC

Check/Money Order Amount \$ \_\_\_\_\_

Credit Card Amount \$ \_\_\_\_\_

Total Amount Paid \$ \_\_\_\_\_

VISA  MasterCard  Discover

Credit Card Number \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Exp. Date mo. \_\_\_\_\_ yr. \_\_\_\_\_

Signature Authorizing Credit Card Payment:

signature \_\_\_\_\_

**\*If you cancel after June 23, 2006, we will not be able to refund your lodging.**



**Complete reverse side of this form  
and mail with check or payment  
information to:**

**Higher Education Research Institute  
UCLA, Graduate School of Education  
& Information Studies  
3005 Moore Hall  
Box 951521  
Los Angeles, CA 90095-1521**

## **HIGHER EDUCATION RESEARCH INSTITUTE**

The Higher Education Research Institute (HERI) is based in the Graduate School of Education & Information Studies at the University of California, Los Angeles. The Institute serves as an interdisciplinary center for research, evaluation, information, policy studies, and research training in postsecondary education. HERI's research program covers a variety of topics including the outcomes of postsecondary education, leadership development, faculty performance, federal and state policy, and educational equity. Visiting scholars, faculty, and graduate students have made use of HERI facilities and research resources since its affiliation with UCLA in 1973. The Institute's holdings include more than one hundred datasets that are regularly maintained for analysis of postsecondary education.

## **COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM**

The Cooperative Institutional Research Program (CIRP) is a national longitudinal study of the American higher education system. Established in 1966, the CIRP is now the nation's largest and longest empirical study of higher education involving data on some 1,800 institutions, over 12 million students.

## **UCLA'S SUNSET VILLAGE**

We have arranged for participants to stay at UCLA's Sunset Village. (Off-campus accommodations are also available.) Guest rooms are equipped with air conditioning, telephones, in-room internet access, color televisions, and private baths. Participants may select private or double occupancy rooms. Rates cover sleeping room, breakfast and complimentary guest privileges at UCLA's fine recreational facilities, including: tennis, racquetball, handball and squash courts, and Olympic-size and family swimming pools. UCLA is close to the Pacific Ocean in Los Angeles, a dynamic city offering a variety of cultural events and entertainment.



### **HIGHER EDUCATION RESEARCH INSTITUTE**

UCLA, Graduate School of Education & Information Studies  
3005 Moore Hall / Box 951521 / Los Angeles, CA 90095-1521  
Phone: 310.825.1925 / fax: 310.206.2228  
E-Mail: [HERI@ucla.edu](mailto:HERI@ucla.edu)  
Website: <http://www.gseis.ucla.edu/heri>