

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**

**J U L Y 1 2 – J U L Y 1 4 , 2 0 0 4 / U C L A**

## 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 \$500 covers course fees, materials, and a dinner reception on the first night of the workshop.

Presented by experts in the field, including Alexander Astin, 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:

Monday, July 12

9am–5pm

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

Dinner Reception: 6pm–8pm

SECOND DAY:

Tuesday, July 13

9am–5pm

*“Using SPSS to Analyze College Student Data”*

THIRD DAY:

Wednesday, 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 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.

**THERESE S. EYERMANN** works in the Executive Vice Chancellor’s office at UCLA. She has conducted research on gender equity, faculty workload, enrollment planning, student satisfaction, measures of student development, and student outcomes. Therese earned her Ph.D. in Higher Education from UCLA.

**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 Director of the CIRP and a member of UCLA’s Higher Education faculty. Linda directs the research activities that make use of HERI’s ongoing national surveys of students and faculty. Her research focuses on gender differences in college impact, particularly with respect to self-concept and math/science outcomes.

**ARIANNE WALKER** is Director of Institutional Research and Assessment at Mount St. Mary’s College in Los Angeles. In this capacity she manages institutional data with an emphasis on enrollment and retention, strategic planning, accreditation support, and student assessment. She completed her Ph.D. in Higher Education at UCLA, and has worked extensively with CIRP data to study retention and program effectiveness.





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and mail with check or payment  
information to:

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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 11 million students.

## UCLA'S GUEST HOUSE

Workshop participants may stay at UCLA's Guest House during the workshop. A comfortable inviting atmosphere, located near the workshop sites, the Guest House will serve as a home away from home during your stay. The Guest House provides continental breakfast, complimentary daily newspaper and a full range of hotel amenities, such as: remote control color cable television, private bath, telephone with free local calls, and ethernet ports. Both private rooms & private rooms with fully equipped mini-kitchens are available. For a slight fee, guests can access UCLA's Wooden Center facilities, including tennis, racquetball, handball and squash courts, and Olympic-size and family swimming pools.

Workshop participants must arrange hotel accommodations directly with UCLA Guest House at 310/267-5427 or via email [guesthouse@ha.ucla.edu](mailto:guesthouse@ha.ucla.edu) (you must refer to group 12759 when you make your reservation).



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### HIGHER EDUCATION RESEARCH INSTITUTE

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