

ARTS 2008
ADVANCED RESEARCH AND TRAINING SEMINARS

SEMINARS AVAILABLE TO PSYCHOLOGISTS FROM LOW INCOME
COUNTRIES

www.iupsys.org

Co-Coordinator

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ARTS is a program of international psychology (IAAP-International Association of Applied Psychology, IUPsyS – International Union of Psychological Science, and IACCP – International Association of Cross-Cultural Psychology) to provide training opportunities for scholars from low-income countries and to promote their attendance at international congresses. Contributions from these international associations and from various national associations and universities have enabled the programme of the following seminars for 2008.

ARTS SEMINAR #1

STRUCTURAL EQUATION MODELLING WITH EQS 6.1

Berlin, Germany, July 18-20, 2008

Peter Bentler, PhD, Distinguished Professor of Psychology and Statistics, University of California, Los Angeles (Convener)

This workshop covers beginning to advanced topics in structural equation modeling (SEM), using the EQS 6.1 program. Each participant will receive a copy of EQS (with a time-limited license) and its documentation on CD. The intent of the course is to enable every participant, by the end of the workshop, to meaningfully design their own SEM study and to analyze their own SEM data, using the best available statistics for typical as well as nonstandard situations (nonnormality, hierarchical design, missing scores, outliers, etc.).

Topics (depending on participant interest) include both practical issues (modeling with Diagrammer or text files) and theoretical topics (use of recently published and *in press* statistics). Typical models. Latent variables. Factor scores. Identification, estimation, testing, interpretation. Model modification: z, LM, and Wald tests. Fit indices and power. Mean structure models. Growth curve models, and their automatic setup. Best practices with nonnormal data: Satorra-Bentler tests and Yuan-Bentler residual-based statistics. Missing data estimators, tests, and SE's for normal (Jamshidian-Bentler) and nonnormal (Yuan-Bentler) data. Kim-Bentler tests of homogeneity of means and covariance matrices. Correlation structure methods for normal and nonnormal data, and categorical variables. Simulation, bootstrap and jackknife methods. Case-weighting for complex samples and robust statistics (Yuan-Bentler) for outliers and influential points. Multi-sample/multi-group models. Multilevel models with ML (Bentler-Liang) and robust tests and SEs (Yuan-Bentler); HLM approaches. Mixture models. Internal consistency

reliabilities: alpha, 1-factor, x-factor, arbitrary model, maximal, dimension-free, greatest lower bound.

APPLICATION PROCEDURES: Applicants should submit the complete application form (see below), an overview of their background and interests in the topic, and a brief statement concerning the type of research that they have been undertaking. Instruction and discussion will be in English, and participants must be able to speak and understand the language.

SUBMIT APPLICATION MATERIALS (DEADLINE MARCH 1, 2008) TO:

Dr Peter Bentler
bentler@ucla.edu
1282 Franz Hall
Psychology Dept - UCLA
Los Angeles, CA 90095

ARTS SEMINAR #2

LARGE-SCALE INTERNATIONAL DATA SETS RELEVANT FOR RESEARCH IN EDUCATIONAL AND DEVELOPMENTAL PSYCHOLOGY.

Berlin, Germany (Humboldt University) July 18-20, 2008

Judith Torney-Purta, PhD Professor, University of Maryland, College Park, Maryland
Rainer Lehmann, PhD, Professor, Humboldt University of Berlin
Jo-Ann Amadeo, PhD, Vice-President, The Close-Up Foundation

IEA (the International Association for the Evaluation of Educational Achievement), an international consortium of research organizations from more than fifty countries with Headquarters in Amsterdam, has coordinated a series of studies of mathematics and science (TIMSS) and of civic education and engagement (CIVED). The Humboldt University of Berlin was the International Coordination Center for the CIVED Study and also participated in the IEA TIMSS; in addition, Humboldt-University is currently involved in the initial project phase of the IEA Teacher Education Study - Mathematics (TEDS-M).

The first day of the workshop will discuss the advantages and limitations of the use of these data sources for research in educational and developmental psychology and the specifics of the available data; ways in which these data have been made relevant for the policy community will also be discussed. The second day of the workshop will focus on the development of specific research problems and strategies of analysis using the IEA Civic Education data base (with hands-on experience in the computer laboratories of Humboldt University). This dataset includes responses from 140,000 adolescents in 29 countries, nationally representative samples tested in 1999-2000. There is a test of civic knowledge, of interest to educational psychologists, and there are also approximately 150 attitudinal items which have been scaled into 20 scales. Many of these attitudinal items will be of interest to developmental psychologists interested in social development. On the dependent variables side these include measures of attitudes toward immigrants, toward members of ethnic groups, toward the government's responsibility for social welfare, toward women's rights, toward participation in political or social movement groups, and toward governmental and media institutions. On the independent variable side there are measures of peer relations, organizational membership, and opportunities for democratic participation at school (and a

variety of demographics and school characteristics). All participants will receive a CD-ROM with the data set and relevant code-books and technical reports.

Eleven post-Communist countries and two Latin American countries tested students in CIVED. Researchers from these regions are especially encouraged to attend this seminar (see full list of countries and instrument on the study's website, <http://wam.umd.edu/~iea>). Emerging researchers from all regions are also encouraged to attend the seminar, as the growing difficulty of getting schools' permission to collect small scale data has become a serious challenge in many countries.

APPLICATION PROCEDURES: Applicants should submit the complete application form (see below), an overview of their background and interests in this topic, and a brief statement concerning the type of research that they might wish to explore at the seminar. Instruction and discussion will be in English, and participants must be able to speak and understand the language.

SUBMIT APPLICATION MATERIALS (DEADLINE MARCH 1, 2008) TO:

Dr Judith Torney-Purta
jtpurta@umd.edu
Professor of Human Development
College of Education
University of Maryland at College Park
College Park, MD 20742
USA

ARTS SEMINAR #3

QUALITATIVE AND MIXED METHOD RESEARCH IN CROSS-CULTURAL STUDIES

Bremen, Germany August 1-3, 2008

Thomas S. Weisner, University of California, Los Angeles

Qualitative and quantitative methods are both important in cross-cultural research in psychology and human development. Integrating qualitative with quantitative methods can increase the depth, breadth, believability, and understanding of research. Our workshop will provide examples of mixed method research that achieve these goals, and work with participants to extend their existing research designs, samples, and techniques to more effectively use a broad range of qualitative methods that can be combined with quantitative data. The workshop may cover data collection, analysis, study design and sampling, the varieties of qualitative methods, qualitative analysis software, epistemological questions, sustaining mixed methods research teams and collaborations, grant submissions using qualitative and mixed methods, and publishing such studies. Participants should bring with them studies they have done, are doing, or are considering for workshop discussion.

APPLICATION PROCEDURES: Applicants should submit the complete application form (see below), an overview of their background and interests in this topic and in cross-cultural

psychology, and a brief statement concerning the type of research that they might wish to present at the seminar. Instruction and discussion will be in English, and participants must be able to speak and understand the language.

SUBMIT APPLICATION MATERIALS (DEADLINE MARCH 1, 2008) TO:

Dr. Thomas S. Weisner
tweisner@ucla.edu
University of California, Los Angeles,
Department of Psychiatry,
Centre for Culture and Health
760 Westwood Plaza, Box 62
Los Angeles, CA 90024-1759

INTERNATIONAL CONGRESSES OF PSYCHOLOGY

Participation at any of the ARTS should be co-ordinated with attendance at the ICP and IACCP Congresses. Contact congress organizers for details about participation and registration.

XXIX International Congress of Psychology July 20-25, 2008 Berlin, Germany
Internet: www.icp2008.de

XVIII International Congress of IACCP July 27-31, 2008, Bremen, Germany
Internet: www.iu-bremen.de/iaccp2008

APPLICATION FOR ARTS 2008

Last Name	First Name	Initial	Title

___ Gender	___ Age	_____ Date of Birth	
Institutional Affiliation: _____		Academic rank _____	
Highest Degree _____ (specify degree)		Year obtained: _____	
University granting degree _____			
Fax: _____		E-mail: _____ Phone: _____	
Fluency in English: ___ Reading ___ Listening ___ Speaking			

2008 Congress Attendance Plans

29th ICP (Berlin, July 20-25)
Plan to attend: ___ Yes ___ No
To submit Paper/Poster ___ Yes ___ No

18th IACCP Congress (Bremen, July 27-31)

Plan to attend: Yes No

To submit Paper/Poster Yes No

Previous Congress Attendance (Circle as many as apply):

1992	Brussels (IUPsyS)	Liege (IACCP)
1994	Madrid (IAAP)	Pamplona (IACCP)
1996	Montreal (IUPsyS)	Montreal (IACCP)
1998	San Francisco (IAAP)	Bellingham (IACCP)
2000	Stockholm (IUPsyS)	Pultusk IACCP)
2002	Singapore (IAAP)	Yogyakarta (IACCP)
2004	Beijing (IUPsyS)	Xi'an (IACCP)
2006	Athens (IAAP)	Spetses (IACCP)

Previous ARTS?: No Yes: Specify year and/or topic _____

Seminar Applied for (Circle only one):

ARTS #1 Structural equation modelling

ARTS #2 Large-scale international data sets relevant for research in educational and developmental psychology

ARTS #3 Qualitative and mixed method research in cross-cultural studies

Funding Support Provided and Supplementary Assistance Required.

During the seminars meals, accommodation and instruction will be provided.

(During the international congresses participants are expected to provide for their own food and lodging; no ARTS assistance is provided during the Congress). Participants from low-income countries may also be eligible for modest assistance with their travel expenses from ARTS, but must first seek funding from other sources in their home country (university or national granting agency). ARTS funding is limited so that full travel support is unlikely.

When requesting assistance include detailed information about your travel expenses, funding sources and the institutions from which you have sought financial support.

Statement of Qualifications and experience

Please attach to your application a description of your special qualifications for the seminar you have selected and details of your research and relevant experience (See the application requirements for each seminar).

Send your application directly to the convener of the seminar you wish to attend.