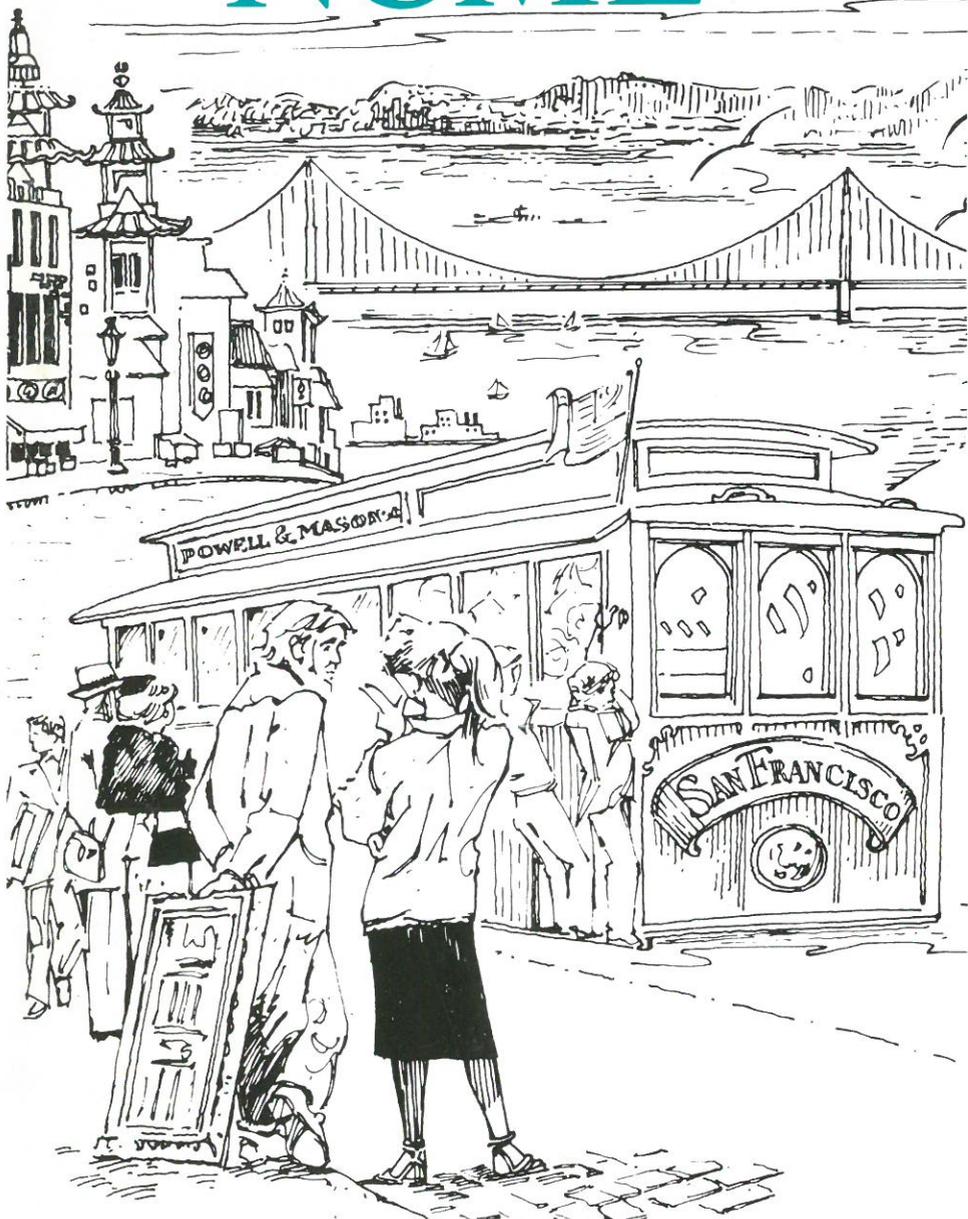


NCME



San Francisco

ANNUAL MEETING PROGRAM

MARCH 28-30, 1989

**National Council on
Measurement in Education**

**1989
ANNUAL MEETING
PROGRAM**

**San Francisco Hilton Hotel
San Francisco, California
March 28–30, 1989**

NATIONAL COUNCIL ON MEASUREMENT IN EDUCATION

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<i>Educational Measurement (3rd Edition)</i>	Robert L. Linn University of Colorado-Boulder
<i>Educational Measurement: Issues and Practices</i>	Anthony J. Nitko University of Pittsburgh
<i>Handbook for the Evaluation of Elementary and Secondary School Teachers</i>	Jason Millman, Cornell University Linda Darling-Hammond, Rand Corporation

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Lawrence, Isa	Rogers, Bruce, G.	

All NCME training sessions will be held on Monday, March 27, 1989 in the St. Frances Hotel from 8:30 A.M. to 5:30 P.M.

All NCME sessions will be held on Tuesday March 28, to Thursday March 30 in the San Francisco Hilton Hotel.

THANK YOU FOR NOT SMOKING DURING THESE SESSIONS

NCME Training Sessions

Admission to these three training sessions is strictly limited to ticketholders. Tickets are available by writing NCME, 1230 Seventeenth Street, N.W. Washington, D.C. 20036. Please enclose a stamped self-addressed envelope with payment. The deadline for ordering tickets is March 7, 1989. Tickets may also be available on a first-come, first-served basis at the Registration Area in the San Francisco Hilton Hotel.

MONDAY

Course A, Monday, March 27, 8:30–5:30

FEE \$50.00

St. Frances: Borgia Room, Mezzanine Level

COORDINATING AN ITEM DEVELOPMENT PROJECT

Instructors:

Annie W. Ward, Ward Educational Consulting, Inc.

Mildred Murray-Ward, Ward Educational Consulting, Inc.

This workshop will train measurement professionals to direct content specialists in writing test questions, obtaining reviews, trying out the questions, and setting up and maintaining an item bank. This session is especially intended for those who have experience in directing the efforts of others in developing and revising test items. The session will translate well-known, well-accepted principles of test development into specific 'how-to' procedures. A few myths will be exploded and some new principles will be added. The political climate in which most test development takes place will be acknowledged and dealt with. Participants will engage in all aspects of item development except field testing; much attention will be given to eliciting items at higher levels of the Taxonomy. Participants will receive a packet of material that should facilitate their own efforts at conducting item development projects.

Course B, Monday, March 27, 8:30–5:30

FEE: \$50.00

St. Frances: Georgian Room, Mezzanine Level

APPLICATIONS OF THE RASCH MODEL FOR INTERPRETING CURRICULUM- AND INSTRUCTION-REFERENCED ASSESSMENT

Instructors:

Joseph M. Ryan, University of South Carolina

Jeanne R. Miyasaka, Richland (SC) School District One

The pre-session focuses on the educational interpretations of tests developed to assess students' achievement relative to curriculum goals and instructional objectives using the Rasch latent trait model. Basic elements and interrelationships among curriculum, instruction, testing, and latent trait measurement with the Rasch model will be presented through a variety of instructional strategies with numerous specific examples across diverse subject areas and grade levels. Participants will learn how to develop student/curriculum maps based on Rasch analyses as well as how to validate and use the student/curriculum maps to set standards and provide curriculum-referenced interpretation of test performance. The pre-session is designed for curriculum, instruction, and applied measurement specialists, at the school district and state levels, who are involved in making decisions about students, teachers, and their curriculum and instruction based on test results. Basic concepts of Rasch measurement will be reviewed and references for technical details will be provided.

St. Frances: Olympic Room, 2nd Floor

CONSTRUCTING TEST ITEMS

Instructor:

Stephen J. Osterlind, University of Missouri-Columbia

This training session is about constructing test items, and its primary goal is to contribute to the improvement of tests and measurements by aiding good item construction. Participants will be guided in understanding and applying the techniques of preparing test items that meet criteria of merit. Four specific objectives are included: (1) providing a thorough understanding of the characteristics and functions of test items in measurement; (2) presenting editorial guidelines for writing test items in all of the commonly used formats; (3) presenting methods for determining the quality of test items whether written by oneself or by others; and (4) describing a compendium of important issues about test items.

Monday, March 27, 5:00–7:30

Hilton: Parlor 1

NCME BOARD OF DIRECTORS MEETING

Members are invited to attend as observers.

TUESDAY

Tuesday 8:45–10:15

Hilton: Diablo, 4th Floor

A1 POLICY, LEGAL, AND ETHICAL ISSUES

(Critique)

Chair: Stephen H. Ivens, The College Board

Presenters:

The Case For an All-Verbal S.A.T.

Thomas F. Donlon, Donlon Associates

Court-defined Job Analysis Standards in Content Validation.

Phyllis A. Kuehn, Georgia State University

William M. Stallings, Georgia State University

C.L. Holland, Georgia State University

From Taxonomy to Constructing Meaning in Context: Revisiting the Taxonomy of Educational Objectives: II Affect Domain, 25 Years Later.

Carol K. Tittle, Graduate School, City University of New York

Discussant:

Andrew C. Porter, University of Wisconsin

Tuesday 8:45–10:15

Hilton: Yosemite A, Ballroom

A2 PRACTICAL ISSUES IN CONDUCTING A STANDARD SETTING STUDY
(Symposium)

Chair: Brenda H. Loyd, University of Virginia

Presenters:

Nancy Thomas Ahluwalia, Educational Testing Service
Kurt F. Geisinger, Fordham University
Richard M. Jaeger, University of North Carolina-Greensboro
Gerald J. Melican, Educational Testing Service
Craig N. Mills, Educational Testing Service
Barbara S. Plake, University of Nebraska
Jerry B. Reid, American Registry of Radiologic Technologists

Discussants:

Jason Millman, Cornell University
Anne R. Fitzpatrick, CTB/McGraw-Hill.

Tuesday 8:45–10:15

Hilton: Marin, 4th Floor

A3 EDUCATIONAL EVALUATION AND ASSESSMENT: THE STUDENT
(Critique)

Chair: Annie W. Ward, Ward Educational Consulting, Inc.

Presenters:

An Investigation of Levels of Cultural Literacy Among High School Students and Prospective High School Teachers.

William M. Bart, University of Minnesota
Karen E. Scheisman, University of Minnesota

The Influence of Reading Attitudes and Prior Knowledge on Reading Comprehension Test Scores.

Patrice M. Corrigan, The Psychological Corporation
Susan Conrad, The Psychological Corporation

Mathematical Background Required for Learning Introductory Statistics: Test Development and Validation.

Sunee Hengkietsak, University of Iowa
T.A. Cleary, University of Iowa

Do Verbal Factors Affect Performance in Mathematics Tests?

Renee M. Huntley, American College Testing
Terry A. Ackerman, American College Testing
Catherine Welch, American College Testing

The Effect of Calculator Use on the Performance of Students Taking a Test of Math Applications.

Nancy Poe, The Psychological Corporation
Linda O’Gorman, The Psychological Corporation

Discussants:

Esther Diamond, Consultant
Janie Hall, Oklahoma City Public Schools

Tuesday 10:35–12:05

Hilton: Mason A, 6th Floor

B1 VALIDITY: CONSTRUCT

(Critique)

Chair: Carole L. Perlman, Chicago Board of Education

Presenters:

A Study of the Influence of Reading Ability on Listening Test Scores.

Stephen J. Friedman, University of Wisconsin-Whitewater

Timothy N. Ansley, University of Iowa

On the Validity of Performance Grades: The Relationship Between Teacher-Assigned Marks and Standard Measures of Subject Matter Acquisition.

George H. Olson, Dallas Independent School District

Teaching Characteristics: A Search for Classifications.

John P. Poggio, University of Kansas

Douglas R. Glasnapp, University of Kansas

Judy Burry, University of Kansas

Discussant:

Suzanne Lane, University of Pittsburgh

Tuesday 10:35–12:05

Hilton: Marin, 4th Floor

B2 INNOVATIVE APPLICATIONS OF MICROCOMPUTERIZED TESTING PACKAGES

(Symposium)

Chair/Organizer: Anthony J. Nitko/Tse-Chi Hsu, University of Pittsburgh

Presenters:

G. Gage Kingsbury, Portland Public Schools

James B. Olsen, Apryl Cox, Tom Teerlink, WICAT Systems

Charles Price, Mike Strozeski, Garland Independent School District

Idolina Vela, Pharr-San Juan-Alamo School District

Jack Willis, West Virginia Department of Education

Deborah Switzer, University of Illinois

Discussants:

Frank B. Baker, University of Wisconsin

Lawrence Rudner, LMP Associates & American Institute for Research

Tuesday 10:35–12:05

Hilton: Yosemite A, Ballroom

B3 PERSPECTIVES ON MEASUREMENT INSTRUCTION FOR TEACHERS
(Symposium)

Chair: Richard J. Stiggins, Northwest Regional Educational Laboratory

Presenters:

Peter Airasian, Boston College
David A. Frisbie, University of Iowa
John R. Hills, Florida State University
Jack C. Merwin, University of Minnesota
James R. Sanders, Western Michigan University
Sheila Valencia, University of Washington

Tuesday 12:25–1:55

Hilton: Yosemite A, Ballroom Floor

**C1 REPORT OF THE COMMITTEE ON PROFESSIONAL ACCREDITATION
AND CERTIFICATION IN EDUCATIONAL MEASUREMENT:
STANDARDS FOR TEACHERS**
(NCME/AERA Symposium)

Chair: James R. Sanders, Western Michigan University

Presenters:

Marcella Dianda, National Education Association
John R. Hills, Florida State University
Anthony J. Nitko, University of Pittsburgh
Jack C. Merwin, University of Minnesota
Richard J. Stiggins, Northwest Regional Educational Laboratory
Carol K. Tittle, City University of New York
Carolyn Trice, American Federation of Teachers

Tuesday 12:25–1:55

Hilton: Diablo, 4th Floor

C2 TESTING IN THE CLASSROOM: THE AUTHOR
(Critique)

Chair: Eric F. Gardner, Syracuse University

Presenters:

Multiple-Choice Test Items: What Are Text Authors Telling Teachers and Modeling For Them?

Randy A. Ellsworth, Wichita State University
Pat Dunnell, Wichita State University
Orpha K. Duell, Wichita State University

The Status of Classroom Teacher's Test Construction Proficiencies: Assessments by Teachers, Principals, and Supervisors Validated by Analyses of Actual Teacher-Made Tests.

Ronald N. Marso, Bowling Green State University
Fred L. Pigge, Bowling Green State University

Testing Science Reasoning: Some Common Misconceptions.

Joyce R. McLarty, American College Testing
Candace Noble, American College Testing
Ron Pierson, American College Testing

Factors in the Quality of University Instructor Developed Tests.

William M. Reynolds, University of Wisconsin
Allan S. Cohen, University of Wisconsin

Discussants:

Irvin J. Lehmann, Michigan State University
Peter Wolmut, Multnomah (OR) Educational Service District

Tuesday 12:25–1:55

Hilton: Imperial B, Ballroom

C3 METHODOLOGICAL ISSUES CONCERNING THE STUDY OF DIFFERENTIAL ITEM FUNCTIONING

(Symposium)

Chair: Gerald E. DeMauro, Educational Testing Service

Presenters:

P. Holland, D. Thayer, Educational Testing Service
J. Donoghue, University of Southern California
W.J. Popham, Instructional Objectives Exchange
C. Wild, M. McPeck, Educational Testing Service
G. DeMauro, J. Olson, Educational Testing Service

Discussants:

Sylvia Johnson, Howard University
Barbara S. Plake, University of Nebraska

Tuesday 12:25–1:55

Hilton: Parlor 2, Ballroom Floor

C4 THE INTERACTION OF TECHNICAL AND SOCIAL ISSUES IN ACHIEVEMENT TESTING

(Symposium-Co-Sponsor: AERA Division D #15.09)

Chair: Ross Traub, Ontario Institute for Studies in Education

Presenters:

Murray Aitkin, Tel Aviv University
Harvey Goldstein, University of London
Leslie McLean, Ontario Institute for Studies in Education
Desmond Nuttall, Inner London Education Authority

Tuesday 2:15–3:45

Hilton: Diablo, 4th Floor

D1 LARGE SCALE ASSESSMENT: THE CURRICULUM

(Critique)

Chair: Marlene Goodison, Educational Testing Service

Presenters:

A Study of the Impact of Instruction Upon Student Performance on Pennsylvania's Reading and Mathematics Tests.

James R. Masters, Pennsylvania Department of Education

Essay Versus Objective Achievement Testing in the Context of Large-Scale Assessment Programs.

Damian P. Murchan, Cornell University

Developing an Item Bank Status Reporting System for a Statewide Minimum Competency Testing Program.

Julie W. Sakin, Maryland Department of Education

Jessie H. Pollack, Maryland Department of Education

Chemistry Background of Students Taking the AP Chemistry Examination.

Hessy L. Taft, Educational Testing Service

John Mazzeo, Educational Testing Service

Discussants:

Edward Roeber, Michigan Department of Education

Norman Stenzel, Illinois State Board of Education

Tuesday 2:15–3:45

Hilton: Mason A, 6th Floor

D2 ITEM AND TEST ANALYSIS: RELIABILITY

(Critique)

Chair: F.G. Brown, Iowa State University

Presenters:

Evaluating Internal Consistency Reliability Indices from Criterion-Referenced Tests.

Lou M. Carey, University of South Florida

The Validity of Two Item-Writing Rules.

Kevin D. Crehan, University of Nevada-Las Vegas

Thomas M. Haladyna, Arizona State University-West Campus

Descriptive and Inferential Use of Congruence Coefficients.

Ernest C. Davenport, Jr., University of Minnesota

A Cross-Validation of Components Influencing the Difficulty of CubelItems.

Gene A. Kramer, American Dental Association

Richard M. Smith, American Dental Association

Anna T. Kubiak, American Dental Association

Discussants:

R.B. Frary, Virginia Polytechnic Institute and State University

Howard Wainer, Educational Testing Service

Tuesday 2:15–3:45

Hilton: Marin, 4th Floor

D3 REPORT OF THE JOINT COMMITTEE ON STANDARDS FOR EDUCATIONAL EVALUATION: THE PERSONNEL EVALUATION STANDARD

(NCME/AERA Symposium)

Chair: James R. Sanders, Western Michigan University

Presenters:

Daniel L. Stufflebeam, Western Michigan University

Diana Pullin, Boston College

Robert L. Linn, University of Colorado-Boulder

Discussants:

Marvin C. Alkin, University of California-Los Angeles

Ronald K. Hambleton, University of Massachusetts

Tuesday 2:15–3:45

Hilton: Imperial B, Ballroom

D4 MEASUREMENT AS A TOOL FOR TEACHER EDUCATION

(Invited Symposium)

Chair: William A. Mehrens, Michigan State University

Presenters:

W. James Popham, University of California-Los Angeles

Carol A. Dwyer, Educational Testing Service

Joan C. Baratz-Snowden, Educational Testing Service

Tuesday 4:05–5:35

Hilton: Diablo, 4th Floor

E1 VALIDITY: CONTENT GENERAL

(Critique)

Chair: Michael J. Kolen, American College Testing

Presenters:

Writing Skills of Graduating High School Seniors and Adult High School Non-completers: A Multitrait-Multimethod Study of Factor Structure Invariance.

Janet E. Baldwin, American Council on Education

The Validity of Norm-Referenced Information Obtained from an Objective-Referenced Test Using the ORT ONLY Model.

Sharon F. Schattgen, University of Missouri-Columbia

Stephen J. Osterlind, University of Missouri-Columbia

Stability of Test Specifications Derived Through Task Analyses.

Cynthia B. Schmeiser, American College Testing

Discussant:

Neal M. Kingston, Educational Testing Service

Tuesday 4:05–5:35

Hilton: Yosemite A, Ballroom

E2 MONITORING THE DEVELOPMENT AND USE OF TESTS

(Invited Symposium)

Chair: John Fremer, Educational Testing Service

Presenters:

Barbara Kirsh, Educational Testing Service
Jerome Murphy, Educational Testing Service
Samuel E. Krug, Metritech
George F. Madaus, Boston College

Tuesday 4:05–6:05

Hilton: Marin, 4th Floor

F1 ASSESSING COLLEGE-LEVEL SKILLS: DEVELOPING AND ADMINISTERING THE TEXAS ACADEMIC SKILLS PROGRAM (TASP)
(Symposium)

Chair: Thomas Fisher, Florida Department of Education

Presenters:

William Sanford, Joan Matthews, Michael Kerker, Texas Higher Education Coordinating Board
Marvin Veselka, Nolan Wood, Pam Tackett, Texas Education Agency
William Gorth, Richard Allan, National Evaluation Systems
Paula Nassif, Barbara Appel, National Evaluation Systems
Scott Elliot, Kathy Cole, National Evaluation Systems
Richard Alpert, Sharon Downs, John Silvestro, National Evaluation Systems

Discussant:

William A. Mehrens, Michigan State University

Tuesday 4:05–6:05

Hilton: Yosemite C, Ballroom Floor

F2 ISSUES IN MEASURING GROWTH AND CHANGE IN DIRECT WRITING ASSESSMENT

(Symposium-Co-Sponsor: AERA Division D #19.48)

Chair: Gale H. Roid, NWEA/Assessment Research

Presenters:

Ina Mullis, National Assessment of Educational Progress
Gary W. Phillips, U. S. Department of Education
Edys S. Quellmalz, Educational Consultant
Gary Robertson, Elizabeth Rengel, Jing-Jen Wang, American Guidance Service
G. Gage Kingsbury, Ronald L. Houser, Portland Public Schools

Discussants:

John Mazzeo, Educational Testing Service
Geoffrey N. Masters, Australian Council for Educational Research

Tuesday 6:45–8:30

Hilton: 45th floor, Tower 1

G1 NO-HOST COCKTAIL PARTY AND RECEPTION

WEDNESDAY

Wednesday 8:15–10:15

NCME BREAKFAST AND BUSINESS MEETING

Hilton: Imperial B, Ballroom

H1 NCME PRESIDENTIAL ADDRESS

The State of NCME: Remembering the Past, Looking to the Future
Irvin J. Lehmann, Michigan State University

Wednesday 10:35–12:05

Hilton: Imperial A, Ballroom

I1 *Social Issues in Teacher Testing* (Invited Address)

William A. Mehrens, Michigan State University

Wednesday 10:35–12:05

Hilton: Yosemite A, Ballroom Floor

I2 STATE COMPARABLE ASSESSMENTS: NEW TECHNICAL CHALLENGES FOR NAEP, THE NATION'S REPORT CARD (Symposium-Co-Sponsor: AERA Division D #26.06)

Chair: Gary Phillips, U.S. Department of Education

Presenters:

Ina Mullis, National Assessment of Educational Progress
Jules M. Goodison, Educational Testing Service
Albert E. Beaton, Educational Testing Service
Eugene G. Johnson, Educational Testing Service

Discussants:

Edward Haertel, Stanford University
Annie Hess, Alabama State Department of Education
Eugene Owen, U.S. Department of Education

Wednesday 12:25–1:55

Hilton: Marin, 4th Floor

J1 LARGE SCALE ASSESSMENT: SCORING

(Critique)

Chair: Richard M. Jaeger, University of North Carolina-Greensboro

Presenters:

Decentralized Large Scale Essay Scoring: Methods for Establishing and Evaluating Score Scale Stability and Reading Reliability.

Joan E. Auchter, GED Testing Service

Wayne Patience, GED Testing Service

Results of a Major Norm-Referenced Test Customization.

Doreen M. Faulkner, New York City Board of Education

Elizabeth Taleporos, New York City Board of Education

Jane Canner, New York City Board of Education

Irene Strum, New York City Board of Education

Acceptable Passing Rate Standards in a State-wide Testing Program.

Douglas R. Glasnapp, University of Kansas

John P. Poggio, University of Kansas

M. David Miller, University of Florida

Construct Validity and Other Evidence on the Canadian Tests of Basic Skills for a Large Sample of Grade 10 Students.

Bikkar Singh Randhawa, University of Saskatchewan

Jason Randhawa, University of Saskatchewan

Discussants:

Barrie Wellens, The Psychological Corporation

Jules Goodison, Educational Testing Service

Wednesday 12:25–1:55

Hilton: Diablo, 4th Floor

J2 EDUCATIONAL EVALUATION AND ASSESSMENT: THE TEACHER

(Critique)

Chair: P.R. Getson, George Washington School of Medicine & Health Sciences,
National Medical Center

Presenters:

Wise Up to Test-Wiseness: The Use of Commercially Prepared Materials for Test Taking Skill Instruction.

Katherine S. Cushing, Harrison School District 2

Judith A. Kerrins, Public School District 60

Darrell L. Sabers, University of Arizona

Teacher's Grading Emphases as a Function of Teacher's Attributions for Students' Academic Success and Failure.

Bruce W. Hall, University of South Florida

W. Wade Burley, University of South Florida

Melvin G. Willeme, University of South Florida

The Effect of Data Presentation and Data Characteristics on the Reliability of Teachers' Judgments about Student Progress and Program Change.

Brenda H. Loyd, University of Virginia

Martha Snell, University of Virginia

Discussant:

James Impara, Virginia Polytechnic Institute and State University

Wednesday 12:25–1:55

Hilton: Yosemite A, Ballroom

J3 SOLUTIONS TO SOME COMMON MEASUREMENT PROBLEMS IN THE SCHOOL SETTING

(Symposium)

Chair: Walter R. Borg, Utah State University

Presenters:

Blaine R. Worthen, Utah State University

Karl R. White, Utah State University

Vanessa D. Moss, Utah State University

Richard Sudweeks, Brigham Young University

Discussants:

John C. Busch, University of North Carolina-Greensboro

Joe Hanson, Colorado Public Schools

Wednesday 12:25–1:55

Hilton: Belvedere B, 4th Floor

J4 TESTING IN THE CLASSROOM: THE USER

(Critique)

Chair: Stephen Koffler, New Jersey State Department of Education

Presenters:

Standardized Test Use by Classroom Teachers: Effects of Training and Grade Level Taught.

Kathy Green, University of Denver

E. Jane Williams, Rush Medical College

Teacher's Grading Patterns in Relation to Their Testing Practices and Perceptions.

Constance V.Hines, University of South Florida

Bruce W. Hall, University of South Florida

Administrator Response to Classroom Testing Data: A Problem Solving Perspective.

Philip Nagy, Ontario Institute for Studies in Education-University of Western Ontario

Roslyn Moorhead, Ontario Institute for Studies in Education-University of Western Ontario

Teacher Perceptions of the Effects of Testing on Students.

Rita G. O'Sullivan, University of North Carolina-Greensboro

Discussants:

David A. Frisbie, University of Iowa
John R. Hills, Florida State University

Wednesday 2:15–3:45

Hilton: Diablo, 4th Floor

K1 CONSTRUCTING SCORE SCALES THAT FACILITATE SCORE INTERPRETATION: SCALING THE ENHANCED ACT ASSESSMENT
(Symposium)

Chair: H.D. Hoover, University of Iowa

Presenters:

Robert L. Brennan, American College Testing
Michael J. Kolen, American College Testing
Bradley A. Hanson, American College Testing
Deborah J. Harris, American College Testing

Discussants:

Leonard S. Feldt, University of Iowa
Robert W. Lissitz, University of Maryland

Wednesday 2:15–4:15

Hilton: Yosemite A, Ballroom

L1 THE IMPACT OF CORPORATE MERGERS ON TEST DEVELOPMENT
(Invited Symposium)

Organizer/Chair: Herbert C. Rudman, Michigan State University

Presenters:

Gregory Anrig, Educational Testing Service
Thomas J. Fitzgibbon, (Formerly) The Psychological Corporation
H.D. Hoover, University of Iowa
Michael Kean, CTB/McGraw Hill
George F. Madaus, Boston College
Herbert C. Rudman, Michigan State University

Wednesday 4:05–5:35

Hilton: Diablo, 4th Floor

M1 MEASUREMENT THEORY
(Critique)

Chair: Brenda H. Loyd, University of Virginia

Presenters:

An Examination of Methods of Estimating the Reliability of Multiple TF Test Scores.

Kevin M. Andrews, University of Iowa

Measurement of Difference Scores: A Multivariate Perspective.

Gwyneth Boodoo, Texas A & M University

Partial Mastery Models.

C. Mitchell Dayton, University of Maryland

George B. Macready, University of Maryland

Effect of Reliability and Number of Response Categories on Information Retention in Scales.

Dale G. Shaw, University of Northern Colorado

Jeffrey L. Schiel, American College Testing

Discussants:

Benjamin D. Wright, University of Chicago

Robert L. McKinley, Educational Testing Service

Wednesday 4:05–5:35

Hilton: Saratoga, 4th Floor

M2 ITEM RESPONSE THEORY: APPLICATIONS

(Critique)

Chair: Nancy Petersen, Educational Testing Service

Presenters:

Constructing A Writing Prompt Bank Using the Partial Credit Model.

Steven F. Ferrara, Maryland Department of Education

Leslie Walker-Bartnick, Maryland Department of Education

A Comparison of the Linn-Krug Equating Method with Equating Using Item Response Theory with Non-Dichotomous Scoring.

Thomas M. Hirsch, The Psychological Corporation

John M. Keene, The Psychological Corporation

Equating Practical Examinations.

Mary E. Lunz, American Society of Clinical Pathologists

J. Michael Linacre, University of Chicago

Benjamin D. Wright, University of Chicago

John A. Stahl, American Society of Clinical Pathologists

A Comparison of a Testlet-Based Computer Mastery Test with a Paper-and-Pencil Mastery Test.

Walter D. Way, Educational Testing Service

Patricia A. Savage, Educational Testing Service

Robert L. McKinley, Educational Testing Service

Discussants:

Frank B. Baker, University of Wisconsin

Daniel Eignor, Educational Testing Service

Wednesday 4:05–5:35

Hilton: Belmont, 4th Floor

**M3 VALIDITY ISSUES AND ETHNIC GROUP PERFORMANCE ON
STANDARDIZED TESTS OF VERBAL SKILLS**

(Symposium)

Chair: W. Miles McPeck, Educational Testing Service

Presenters:

Nancy L. Allen, Howard Wainer, Educational Testing Service

Sydell T. Carlton, Educational Testing Service

Abigail M. Harris, Fordham University

Kathleen A. O'Neill, W. Miles McPeck, Cheryl Wild, Educational Testing Service

Gerald E. DeMauro, Robin Huffman, Educational Testing Service

Catherine Welch, Allen Doolittle, Joyce McLarty, American College Testing

Discussants:

Audrey Qualls-Payne, Science Research Associates

Nambury Raju, Illinois Institute of Technology

Wednesday 4:05–6:05

Hilton: Imperial A, Ballroom

**N1 DIMENSIONALITY AND DIFFERENTIAL ITEM FUNCTIONING
DETECTION**

(Symposium)

Chair: Alicia P. Schmitt, Educational Testing Service

Presenters:

Neil J. Dorans, Educational Testing Service

Rick Morgan, Educational Testing Service

P. Gillian Hu, Educational Testing Service

John Mazzeo, Educational Testing Service

Carole A. Bleistein, Educational Testing Service

Discussants:

Jeri Benson, University of Maryland

Ross E. Traub, Ontario Institute for Studies in Education

Wednesday 4:00–6:05

Hilton: Imperial B, Ballroom

**N2 ESSENTIAL SKILLS TESTING IN NEW JERSEY: ISSUES, PROBLEMS,
AND SOLUTIONS**

(Symposium)

Chair: Edward J. Masonis, New Jersey State Department of Education

**1989 NCME PROGRAM
HIGHLIGHTS
AND
PROGRAM SUMMARY**

FUTURE NCME MEETINGS

1990	BOSTON	APRIL 17-19
1991	CHICAGO	APRIL 4-6
1992	SAN FRANCISCO	APRIL 21-23

HIGHLIGHTS

NCME BOARD OF DIRECTORS MEETINGS

(Members are invited to attend as observers)

Monday, March 27, 5:00–7:30

San Francisco Hilton: Parlor 1

Thursday, March 30, 4:00–6:30

San Francisco Hilton: Executive Board Room

NO-HOST COCKTAIL PARTY AND RECEPTION

Tuesday, March 28, 6:45–8:30

San Francisco Hilton: 45th Floor, Tower 1

NCME BREAKFAST AND BUSINESS MEETING

Wednesday, March 29, 8:15–10:15

San Francisco Hilton: Imperial B, Ballroom

NCME PRESIDENTIAL ADDRESS

Wednesday, March 29, 9:00–10:15

San Francisco Hilton: Imperial B, Ballroom

Irvin J. Lehmann, Michigan State University

The State of NCME: Remembering the Past, Looking to the Future

NCME INVITED ADDRESS

Wednesday, March 29, 10:35–12:05

San Francisco Hilton: Imperial A, Ballroom

William A. Mehrens, Michigan State University

Social Issues in Teacher Testing

NCME PROGRAM HIGHLIGHTS

B2 INNOVATIVE APPLICATIONS OF MICROCOMPUTERIZED TESTING PACKAGES

(Symposium) Tuesday 10:35–12:05; Hilton: Marin, 4th Floor

Chair/Organizer: Anthony J. Nitko/Tse-Chi Hsu, University of Pittsburgh

Presenters: G. Gage Kingsbury, Portland Public Schools; James B. Olsen, Apryl Cox, Tom Teerlink, WICAT Systems; Charles Price, Mike Strozeski, Garland Independent School District; Idolina Vela, Pharr-San Juan-Alamo School District; Jack Willis, West Virginia Department of Education; Deborah Switzer, University of Illinois

Discussants: Frank B. Baker, University of Wisconsin; Lawrence Rudner, IMP Associates & American Institute for Research

C1 REPORT OF THE COMMITTEE ON PROFESSIONAL ACCREDITATION AND CERTIFICATION IN EDUCATIONAL MEASUREMENT: STANDARDS FOR TEACHERS

(NCME/AERA Symposium) Tuesday 12:25–1:55; Hilton: Yosemite A, Ballroom

Chair: James R. Sanders, Western Michigan University

Presenters: Marcella Dianda, National Education Association; John R. Hills, Florida State University; Anthony J. Nitko, University of Pittsburgh; Jack C. Merwin, University of Minnesota; Richard J. Stiggins, Northwest Regional Educational Laboratory; Carol K. Tittle, City University of New York; Carolyn Trice, American Federation of Teachers

D3 REPORT OF THE JOINT COMMITTEE ON STANDARDS FOR EDUCATIONAL EVALUATION: THE PERSONNEL EVALUATION STANDARD

(NCME/AERA Symposium) Tuesday 2:15–3:45; Hilton: Marin, 4th Floor

Chair: James R. Sanders, Western Michigan University

Presenters: Daniel L. Stufflebeam, Western Michigan University; Diana Pullin, Boston College; Robert L. Linn, University of Colorado-Boulder

Discussants: Marvin C. Alkin, University of California-Los Angeles; Ronald K. Hambleton, University of Massachusetts

D4 MEASUREMENT AS A TOOL FOR TEACHER EDUCATION

(Invited Symposium) Tuesday 2:15–3:45; Hilton: Yosemite A, Ballroom

Chair: William A. Mehrens, Michigan State University

Presenters: W. James Popham, University of California-Los Angeles; Carol A. Dwyer, Educational Testing Service; Joan C. Baratz-Snowden, Educational Testing Service

E2 MONITORING THE DEVELOPMENT AND USE OF TESTS

(Invited Symposium) Tuesday 4:05–5:35; Hilton: Yosemite A, Ballroom

Chair: John Fremer, Educational Testing Service

Presenters: Barbara Kirsh, Educational Testing Service; Jerome Murphy, Educational Testing Service; Samuel E. Krug, Metritech; George F. Madaus, Boston College

L1 THE IMPACT OF CORPORATE MERGERS ON TEST DEVELOPMENT

(Invited Symposium) Wednesday 2:15-4:15; Hilton: Yosemite A, Ballroom
Organizer/Chair: Herbert C. Rudman, Michigan State University
Presenters: Gregory Anrig, Educational Testing Service; Thomas J. Fitzgibbon,
(Formerly) The Psychological Corporation; H.D. Hoover, University of Iowa;
Michael Kean, CTB/McGraw Hill; George F. Madaus, Boston College; Herbert C.
Rudman, Michigan State University

**M3 VALIDITY ISSUES AND ETHNIC GROUP PERFORMANCE ON
STANDARDIZED TESTS OF VERBAL SKILLS**

(Symposium) Wednesday 4:05-5:35; Hilton: Belmont, 4th Floor
Chair: W. Miles McPeck, Educational Testing Service
Presenters: Nancy L. Allen, Howard Wainer, Educational Testing Service; Sydell
T. Carlton, Educational Testing Service; Abigail M. Harris, Fordham University;
Kathleen A. O'Neill, W. Miles McPeck, Cheryl Wild, Educational Testing
Service; Gerald E. DeMauro, Robin Huffman, Educational Testing Service;
Catherine Welch, Allen Doolittle, Joyce McLarty, American College Testing

**Q1 PAST PRESIDENTS COMMITTEE: A LOOK AT THE PAST, PRESENT,
AND FUTURE OF NCME**

(Invited Symposium) Thursday 10:35-12:05; Hilton: Van Ness, 6th Floor
Chair: Richard M. Jaeger, University of North Carolina-Greensboro
Presenters: William E. Coffman, University of Iowa; William A. Mehrens,
Michigan State University; Richard M. Jaeger, University of North Carolina-
Greensboro; George F. Madaus, Boston College

**R1 NORM-REFERENCED SCORES FOR CUSTOMIZED TESTS: ISSUES AND
SOLUTIONS**

(Symposium) Thursday 12:25-1:55; Hilton: Yosemite A, Ballroom Chair: John M.
Keene, The Psychological Corporation
Presenters: Joanne M. Lenke, The Psychological Corporation; Ronald
K. Hambleton, University of Massachusetts; Timothy N. Ansley, University
of Iowa; Thomas M. Hirsch, The Psychological Corporation

S2 THE NATION'S SCORE CARD

(Invited Symposium) Thursday 2:15-3:45; Hilton: Yosemite A, Ballroom Chair:
Thomas Fisher, Florida Department of Education
Presenters: Ramsey Seldon, Council of Chief State School Officers; Emerson
Elliott, Office of Educational Research and Improvement; Ina Mullis, National
Assessment of Educational Programs; Archie Lapointe, National Assessment of
Educational Programs

**T1 ALTERNATIVE APPROACHES TO PROBLEMS INVOLVED IN THE
VALIDATION OF HIGHER EDUCATION ADMISSIONS TESTS**

(Symposium) Thursday 4:05-5:35; Hilton: Yosemite A, Ballroom Chair: Donald
E. Powers, Educational Testing Service
Presenters: Fred G. Brown, Iowa State University; Mary Enright, Educational
Testing Service; Neal M. Kingston, Educational Testing Service; Maria Pennock-
Roman, Educational Testing Service; Donald Rock, Educational Testing Service;
Spencer Swinton, Educational Testing Service; Cheryl E. Wild, Educational
Testing Service
Discussant: Sylvia Johnson, Howard University

PROGRAM SUMMARY

Tuesday, March 28

8:45-10:15

- A1 POLICY, LEGAL, AND ETHICAL ISSUES**
(Critique, Hilton: Diablo, 4th Floor)
 - A2 PRACTICAL ISSUES IN CONDUCTING A STANDARD SETTING STUDY**
(Symposium, Hilton: Yosemite A, Ballroom)
 - A3 EDUCATIONAL EVALUATION AND ASSESSMENT: THE STUDENT**
(Critique, Hilton: Marin, 4th Floor)
-

10:35-12:05

- B1 VALIDITY: CONSTRUCT**
(Critique, Hilton: Mason A, 6th Floor)
 - B2 INNOVATIVE APPLICATIONS OF MICROCOMPUTERIZED TESTING PACKAGES**
(Symposium, Hilton: Marin, 4th Floor)
 - B3 PERSPECTIVES ON MEASUREMENT INSTRUCTION FOR TEACHERS**
(Symposium, Hilton: Yosemite A, Ballroom)
-

12:25-1:55

- C1 REPORT OF THE COMMITTEE ON PROFESSIONAL ACCREDITATION AND CERTIFICATION IN EDUCATIONAL MEASUREMENT: STANDARDS FOR TEACHERS**
(NCME/AERA Symposium, Hilton: Yosemite A, Ballroom Floor)
 - C2 TESTING IN THE CLASSROOM: THE AUTHOR**
(Critique, Hilton: Diablo, 4th Floor)
 - C3 METHODOLOGICAL ISSUES CONCERNING THE STUDY OF DIFFERENTIAL ITEM FUNCTIONING**
(Symposium, Hilton: Imperial B, Ballroom)
 - C4 THE INTERACTION OF TECHNICAL AND SOCIAL ISSUES IN ACHIEVEMENT TESTING**
(Symposium-Co-Sponsor: AERA Division D #15.09)
-

2:15-3:45

- D1 LARGE SCALE ASSESSMENT: THE CURRICULUM**
(Critique, Hilton: Diablo, 4th Floor)
- D2 ITEM AND TEST ANALYSIS: RELIABILITY**
(Critique, Hilton: Mason A, 6th Floor)

**D3 REPORT OF THE JOINT COMMITTEE ON STANDARDS FOR
EDUCATIONAL EVALUATION: THE PERSONNEL EVALUATION
STANDARD**

(NCME/AERA Symposium, Hilton: Marin, 4th Floor)

D4 MEASUREMENT AS A TOOL FOR TEACHER EDUCATION

(Invited Symposium, Hilton: Imperial B, Ballroom)

4:05-5:35

E1 VALIDITY: CONTENT GENERAL

(Critique, Hilton: Diablo, 4th Floor)

E2 MONITORING THE DEVELOPMENT AND USE OF TESTS

(Invited Symposium, Hilton: Yosemite A, Ballroom)

4:05-6:05

**F1 ASSESSING COLLEGE-LEVEL SKILLS: DEVELOPING AND
ADMINISTERING THE TEXAS ACADEMIC SKILLS PROGRAM (TASP)**

(Symposium, Hilton: Marin, 4th Floor)

**F2 ISSUES IN MEASURING GROWTH AND CHANGE IN DIRECT WRITING
ASSESSMENT**

(Symposium-Co-Sponsor: AERA Division D #19.48)

6:45-8:30

G1 NO-HOST COCKTAIL PARTY AND RECEPTION

(Hilton: 45th floor, Tower 1)

4:05-5:35

M1 MEASUREMENT THEORY

(Critique, Hilton: Diablo, 4th floor)

M2 ITEM RESPONSE THEORY: APPLICATIONS

(Critique, Hilton: Saratoga, 4th floor)

**M3 VALIDITY ISSUES AND ETHNIC GROUP PERFORMANCE ON
STANDARDIZED TESTS OF VERBAL SKILLS**

(Symposium, Hilton: Belmont, 4th floor)

4:05-6:05

**N1 DIMENSIONALITY AND DIFFERENTIAL ITEM FUNCTIONING
DETECTION**

(Symposium, Hilton: Imperial A, Ballroom)

**N2 ESSENTIAL SKILLS TESTING IN NEW JERSEY: ISSUES, PROBLEMS,
AND SOLUTIONS**

(Symposium, Hilton: Imperial B, Ballroom)

Wednesday, March 29

8:15-10:15

H1 NCME BREAKFAST AND BUSINESS MEETING

Hilton: Imperial B, Ballroom

PRESIDENTIAL ADDRESS

Hilton: Imperial B, Ballroom

10:35-12:05

I1 SOCIAL ISSUES IN TEACHER TESTING

(Invited Address, Hilton: Imperial A, Ballroom)

I2 STATE COMPARABLE ASSESSMENTS: NEW TECHNICAL CHALLENGES FOR NAEP, THE NATION'S REPORT CARD

(Symposium-Co-Sponsor: AERA Division D #26.06)

12:25-1:55

J1 LARGE SCALE ASSESSMENT: SCORING

(Critique, Hilton: Marin, 4th floor)

J2 EDUCATIONAL EVALUATION AND ASSESSMENT: THE TEACHER

(Critique, Hilton: Diablo, 4th floor)

J3 SOLUTIONS TO SOME COMMON MEASUREMENT PROBLEMS IN SCHOOL SETTINGS

(Symposium, Hilton: Yosemite A, Ballroom)

J4 TESTING IN THE CLASSROOM: THE USER

(Critique, Hilton: Belvedere B, 4th floor)

2:15-3:45

K1 CONSTRUCTING SCORE SCALES THAT FACILITATE SCORE INTERPRETATION: SCALING THE ENHANCED ACT ASSESSMENT

(Symposium, Hilton: Diablo, 4th floor)

2:15-4:15

L1 THE IMPACT OF CORPORATE MERGERS ON TEST DEVELOPMENT

(Invited Symposium, Hilton: Yosemite A, Ballroom)

Thursday, March 30

8:15-10:15

- O1 THE ILLINOIS GOALS ASSESSMENT PROGRAM: STUDIES OF AN INNOVATIVE READING ASSESSMENT**
(Symposium, Hilton: Parlor 1, Ballroom)
-

8:45-10:15

- P1 TECHNICAL PROBLEMS IN INNOVATIVE TEACHER ASSESSMENT**
(Symposium, Hilton: Yosemite A, Ballroom)
- P2 VALIDITY: CONTENT SPECIFIC**
(Critique, Hilton: Diablo, 4th floor)
- P3 ITEM RESPONSE THEORY: THEORY**
(Critique, Hilton: Marin, 4th floor)
-

10:35-12:05

- Q1 PAST PRESIDENTS COMMITTEE: A LOOK AT THE PAST, PRESENT, AND FUTURE OF NCME**
(Invited Symposium, Hilton: Van Ness, 6th floor)
- Q2 STANDARD SETTING**
(Critique, Hilton: Marin, 4th floor)
- Q3 TECHNIQUES TO ENHANCE THE UTILITY OF CRITERION-REFERENCED ASSESSMENT**
(Symposium, Hilton: Yosemite B, Ballroom)
- Q4 ITEM RESPONSE THEORY: DIMENSIONALITY**
(Critique, Hilton: Diablo, 4th floor)
- Q5 A PSYCHOMETRIC UPDATE ON FOUR WIDELY-USED MEASURES OF SELF-CONCEPT: THE AUTHORS' REPORT**
(Symposium-Co-Sponsor: AERA Division D #38.11)
-

12:25-1:55

- R1 NORM-REFERENCED SCORES FOR CUSTOMIZED TESTS: ISSUES AND SOLUTIONS**
(Symposium, Hilton: Yosemite A, Ballroom)
- R2 MAKING ERIC/TM BETTER SERVE THE EDUCATION COMMUNITY**
(Symposium, Hilton: Marin, 4th floor)
- R3 ITEM AND TEST ANALYSIS: BIAS (LARGE DATA SETS)**
(Critique, Hilton: Diablo, 4th floor)

2:15-3:45

S1 TESTING IN THE CLASSROOM: THE TEST

(Critique, Hilton: Van Ness, 6th floor)

S2 THE NATION'S SCORE CARD

(Invited Symposium, Hilton: Yosemite A, Ballroom)

S3 ITEM AND TEST ANALYSIS (ITEMS)

(Critique, Hilton: Diablo, 4th floor)

4:05-5:35

**T1 ALTERNATIVE APPROACHES TO PROBLEMS INVOLVED IN THE
VALIDATION OF HIGHER EDUCATION ADMISSIONS TESTS**

(Symposium, Hilton: Yosemite A, Ballroom)

T2 ITEM AND TEST ANALYSIS: TEST DEVELOPMENT

(Critique, Hilton: Walnut, 4th floor)

4:05-6:05

U1 APPLICATIONS OF THE PARTIAL CREDIT MODEL

(Symposium, Hilton: Marin, 4th floor)

4:00-6:30

V1 NCME BOARD OF DIRECTOR'S MEETING

(Hilton: Executive Board Room)

Presenters:

Michael Beck, BETA Associates
Edward J. Masonis, New Jersey State Department of Education
Susan Phillips, Michigan State University
Stanley Rabinowitz, New Jersey State Department of Education
Calla Smorodin, New Jersey State Department of Education

THURSDAY

Thursday 8:15–10:15

Hilton: Parlor 1, Ballroom

O1 THE ILLINOIS GOALS ASSESSMENT PROGRAM: STUDIES OF AN INNOVATIVE READING ASSESSMENT

(Symposium)

Chair: Eva Baker, University of California-Los Angeles

Presenters:

Carmen Woods Chapman, Illinois State Board of Education
Eunice Greer, Illinois State Board of Education
William K. Rice, Jr., Carole L. Perlman, Chicago Public Schools
C. Thomas Kerins, Mervin M. Brennan, Illinois State Board of Education
Leslie J. Fyans, Illinois State Board of Education
Samuel E. Krug, Metrittech

Discussants:

David Pearson, University of Illinois, Urbana-Champaign
Delwyn L. Harnisch, University of Illinois, Urbana-Champaign

Thursday 8:45–10:15

Hilton: Yosemite A, Ballroom

P1 TECHNICAL PROBLEMS IN INNOVATIVE TEACHER ASSESSMENT

(Symposium)

Chair: Joyce R. McLarty, American College Testing

Presenters:

Lance Potter, Instructional Objectives Exchange
Ronald Sjoerdsma, Instructional Objectives Exchange
Gretchen Guiton, Instructional Objectives Exchange
Ginette Delandshere, Connecticut State Department of Education
Terrence Mason, Central Connecticut State University
Ernest Rakow, Memphis State University
George Malo, Tennessee State Department of Education

Discussants:

Ronald A. Berk, Johns Hopkins University
Carol A. Dwyer, Educational Testing Service

Thursday 8:45–10:15

Hilton: Diablo, 4th Floor

P2 VALIDITY: CONTENT SPECIFIC

(Critique)

Chair: James E. McLean, University of Alabama

Presenters:

An Exploratory Assessment of Content Validation Processes Used with the National Teacher Examinations.

John C. Busch, University of North Carolina-Greensboro

Richard M. Jaeger, University of North Carolina-Greensboro

Taking Test Item Readability to the Classroom: Results of a Study of Second, Third, Fourth, and Fifth Graders.

Margaret A. Hewitt, University of South Florida

Susan P. Homan, University of South Florida

Content Validity of the GRE Physics Test as Indexed by Commonly Employed Textbooks.

James S. Terwilliger, University of Minnesota

J. Woods Halley, University of Minnesota

Patricia Heller, University of Minnesota

Discussant:

William E. Coffman, University of Iowa

Thursday 8:45–10:15

Hilton: Marin, 4th Floor

P3 ITEM RESPONSE THEORY: THEORY

(Critique)

Chair: Joseph M. Ryan, University of South Carolina

Presenters:

An Alternative Methodology for Creating Parallel Test Forms Using the IRT Information Function.

Terry A. Ackerman, American College Testing

A Comparison of the Graded Response and Partial Credit Models for Assessing Writing Ability.

R.J. De Ayala, University of Maryland

B.G. Dodd, University of Texas-Austin

W.R. Koch, University of Texas-Austin

An Investigation of a Two Stage Procedure For Detecting Item Bias.

M. David Miller, University of Florida

Takako Oshima, University of Florida

Discussant:

Mark Reckase, American College Testing

Thursday 10:35–12:05

Hilton: Van Ness, 6th Floor

**Q1 PAST PRESIDENTS COMMITTEE: A LOOK AT THE PAST, PRESENT,
AND FUTURE OF NCME**

(Invited Symposium)

Chair: Richard M. Jaeger, University of North Carolina-Greensboro

Presenters:

William E. Coffman, University of Iowa

William A. Mehrens, Michigan State University

Richard M. Jaeger, University of North Carolina-Greensboro

George F. Madaus, Boston College

Thursday 10:35–12:05

Hilton: Marin, 4th Floor

Q2 STANDARD SETTING

(Critique)

Chair: Jane Faggen, Educational Testing Service

Presenters:

Angoff, Beuk and Hofstee: A Comparison of Multiple Methods for Setting a Passing Score.

John J. Bowers, American College Testing

Russelyn Roby Shindoll, American College Testing

The Use of Relative-Absolute Compromise Techniques in the Standard Setting Process.

Gerard F. Dillion, National Board of Medical Examiners

Thomas R. Henzel, National Board of Medical Examiners

Anthony LaDuca, National Board of Medical Examiners

Critical Items and Setting Standards for Health Certification Examinations.

Charles B. Friedman, The Psychological Corporation

Base Rates: An Important Consideration in the Determination of Optimum Cutting Scores for Groups of Unequal Size.

Glennelle Halpin, Auburn University

Gerald Halpin, Auburn University

Discussants:

Ronald K. Hambleton, University of Massachusetts

Samuel A. Livingston, Educational Testing Service

Thursday 10:35–12:05

Hilton: Yosemite B, Ballroom

**Q3 TECHNIQUES TO ENHANCE THE UTILITY OF CRITERION-
REFERENCED ASSESSMENT**

(Symposium)

Chair: Francis X. Archambault, University of Connecticut

Presenters:

John M. Keene, The Psychological Corporation
William Congero, Connecticut State Department of Education
Richard Mooney, Connecticut State Department of Education
Peter Behuniak, University of Connecticut

Discussant:

Hariharan Swaminathan, University of Massachusetts

Thursday 10:35–12:05

Hilton: Diablo, 4th Floor

Q4 ITEM RESPONSE THEORY: DIMENSIONALITY

(Critique)

Chair: Thomas M. Haladyna, Arizona State University-West Campus

Presenters:

An Investigation of the Effect of Item Complexity and Dimension Strength on the Parameter Estimation of Multidimensional Data Sets.

Elana Broch, University of Minnesota

A Comparison of Methods for Assessing Dimensionality for Use in Item Response Theory.

R.J. De Ayala, University of Maryland

Melody A. Hertzog, University of Maryland

The Effects of Multidimensionality on the Observed Information Characteristics of a Conventional Test.

G. Gage Kingsbury, Portland (OR) Public Schools

Anthony R. Zara, National Council of State Boards of Nursing

Discussant:

Ross E. Traub, Ontario Institute for Studies in Education

Thursday 10:35–12:05

Hilton: Balboa, Ballroom Floor

Q5 A PSYCHOMETRIC UPDATE ON FOUR WIDELY-USED MEASURES OF SELF-CONCEPT: THE AUTHORS' REPORT

(Symposium-Co-Sponsor: AERA Division D #38.11)

Chair: Barbara M. Byrne, University of Ottawa

Presenters:

Herbert W. Marsh, University of Sydney

Wilbur B. Brookover, Michigan State University

Eric Ostrov, The Michael Reese Hospital and Medical Center

James W. Chapman, Massey University, New Zealand

Discussants:

Richard J. Shavelson, University of California-Santa Barbara

James V. Mitchell, University of Nebraska-Lincoln

Thursday 12:25–1:55

Hilton: Yosemite A, Ballroom

R1 NORM-REFERENCED SCORES FOR CUSTOMIZED TESTS: ISSUES AND SOLUTIONS

(Symposium)

Chair: John M. Keene, The Psychological Corporation

Presenters:

Joanne M. Lenke, The Psychological Corporation
Ronald K. Hambleton, University of Massachusetts
Timothy N. Ansley, University of Iowa
Thomas M. Hirsch, The Psychological Corporation

Discussants:

Robert L. Linn, University of Colorado-Boulder
Hariharan Swaminathan, University of Massachusetts

Thursday 12:25–1:55

Hilton: Marin, 4th Floor

R2 MAKING ERIC/TM BETTER SERVE THE EDUCATION COMMUNITY

(Symposium)

Chair: Robert Stonehill, Office of Educational Research and Improvement

Presenters:

Lawrence M. Rudner, LMP Associates & American Institute for Research
Thomas Eissenberg, American Institute for Research
Paula Hannaman, American Institute for Research

Discussants:

Herbert C. Rudman, Michigan State University
Barbara S. Plake, Buros Institute of Mental Measurements

Thursday 12:25–1:55

Hilton: Diablo, 4th Floor

R3**ITEM AND TEST ANALYSIS: BIAS (LARGE DATA SETS)**

(Critique)

Chair: Mary Schratz, California State University-Long Beach

Presenters:

Exploring Sources of Bias on a Test of Minimum Competency Life Skills.
Arthur J. Reynolds, Chicago Public Schools
Nikolaus Bezruczko, Chicago Public Schools

Differential Item Performance and Predictive Validity in Graduate Admissions Mathematics Tests.

Richard M. Smith, American Dental Association

Anna T. Kubiak, American Dental Association

Gene A. Kramer, American Dental Association

Analysis of Differential Item Functioning in the NAEP History Assessment.

Rebecca Zwick, Educational Testing Service

Kadriye Ercikan, Stanford University

Discussant:

Carol A. Dwyer, Educational Testing Service

Thursday 2:15–3:45

Hilton: Van Ness, 6th Floor

S1 TESTING IN THE CLASSROOM: THE TEST

(Critique)

Chair: Thomas R. Guskey, University of Kentucky

Presenters:

Knowledge versus Higher-order Items and Students' Perception of Item Fairness.

Samuel B. Green, Auburn University

Gerald Halpin, Auburn University

Glennelle Halpin, Auburn University

The Effect of Calculator Usage on Mathematics Test Norms and Item Parameters.

H.D. Hoover, University of Iowa

Mathematics Test Performance: The Effects of Item Type and Calculator Use.

Brenda H. Loyd, University of Virginia

Donna L. Hearn, University of Virginia

How Distracting Are the Distractors? A Comparison of Three Test-Taking Strategies.

Carole L. Perlman, Jeanne B. Borger, Cynthia J. Gonzalez-Latin, Nancy I.

Heistand, Linda K. Junker, Margarita R. Rosa, Chicago Public Schools

Discussants:

Philip Nagy, Ontario Institute for Studies in Education-University of Western Ontario

Ralph W. Tyler, Consultant

Thursday 2:15–3:45

Hilton: Yosemite A, Ballroom

S2 THE NATION'S SCORE CARD

(Invited Symposium)

Chair: Thomas Fisher, Florida Department of Education

Presenters:

Ramsey Selden, Council of Chief State School Officers

Emerson Elliott, Office of Educational Research and Improvement

Ina Mullis, National Assessment of Educational Programs

Archie Lapointe, National Assessment of Educational Programs

Thursday 2:15–3:45

Hilton: Diablo, 4th Floor

S3 ITEM AND TEST ANALYSIS (ITEMS)

(Critique)

Chair: Richard M. Smith, American Dental Association

Presenters:

A Comparison of Rasch and Mantel-Hanszel Statistics for Assessing Differential Item Functioning.

E. Matthew Schulz, Chicago Public Schools

Carole L. Perlman, Chicago Public Schools

William K. Rice, Chicago Public Schools

Benjamin D. Wright, University of Chicago

Bias in Translated Items: A Comparative Study of Five Statistical Methods.

Marielle G. Simon, Ottawa Roman Catholic Separate School Board

Contrasting Developmental Scales for Four Types of Writing.

Berton Wisner, The Psychological Corporation

Ann Kelleher, The Psychological Corporation

Discussant:

Janice Scheuneman, Educational Testing Service

Thursday 4:05–5:35

Hilton: Yosemite A, Ballroom

T1 ALTERNATIVE APPROACHES TO PROBLEMS INVOLVED IN THE VALIDATION OF HIGHER EDUCATION ADMISSIONS TESTS

(Symposium)

Chair: Donald E. Powers, Educational Testing Service

Presenters:

Fred G. Brown, Iowa State University

Mary Enright, Educational Testing Service

Neal M. Kingston, Educational Testing Service

Maria Pennock-Roman, Educational Testing Service

Donald Rock, Educational Testing Service

Spencer Swinton, Educational Testing Service

Cheryl E. Wild, Educational Testing Service

Discussant:

Sylvia Johnson, Howard University

Thursday 4:05–5:35

Hilton: Walnut, 4th Floor

T2 ITEM AND TEST ANALYSIS: TEST DEVELOPMENT

(Critique)

Chair: John P. Poggio, University of Kansas

Presenters:

Differential Effectiveness of Polychotomous Scoring.

Thomas M. Haladyna, Arizona State University-West Campus

Assessment of Computer Self-Efficacy: Instrument Development and Validation.

Christine A. Murphy, University of Connecticut

Delphine Coover, University of Connecticut

Steven V. Owen, University of Connecticut

New Approaches to Reading Comprehension Item Development.

Candace Noble, American College Testing

A Comparison of Multiple-Choice and Alternative-Choice Item Forms on Classroom Tests.

E. Ray Phillips, University of South Florida

Nancy A. Maihoff, Board of Internal Medicine

An Application of IRT to Tests of Physical Fitness.

Margaret J. Safrit, University of Wisconsin-Madison

Linda M. Hooper, University of Colorado

M. Glarcia Costa, Universidad Federal de Minas Gerais

Zhang Liru, University of Iowa

Zhu Weimo, University of Wisconsin-Madison

Discussants:

Huynh Huynh, University of South Carolina

Joanne M. Lenke, The Psychological Corporation

Thursday 4:05–6:05

Hilton: Marin, 4th Floor

U1 APPLICATIONS OF THE PARTIAL CREDIT MODEL

(Symposium)

Chair: Mark R. Wilson, University of California-Berkeley

Presenters:

Mark Frazier, University of California-Berkeley

Bruce Gans, New England Medical Center

Stephen Haley, New England Medical Center

Lorraine Iventosh, University of California-Berkeley

Larry H. Ludlow, Boston College

Stephen Moore, University of California-Berkeley

Discussants:

Geoff Masters, Australian Council for Educational Research

Gale Roid, Assessment Research, Inc.

Thursday 4:00–6:30

Hilton: Executive Board Room

VI NCME BOARD OF DIRECTORS MEETING

Members are invited to attend as observers

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Tackett, P.	F1	Worthen, B.R.	J3
Taft, H.L.	D1	Wright, B.D.	M1,M2,S3
Taleporos, E.	J1		
Terrlink, T.	B2	Zara, A.R.	Q4
Terwilliger, J.S.	P2	Zwick, R.	R3
Thayer, D.	C3		

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