



NCME

1976
ANNUAL MEETING

SAN FRANCISCO
APRIL 20~22

NATIONAL COUNCIL ON
MEASUREMENT IN EDUCATION

1976
ANNUAL MEETING
PROGRAM

St. Francis and San Francisco Hilton Hotels
San Francisco, California
April 20 - 22, 1976

Foreword

It all begins when someone asks you whether you'd be willing to serve on the Program Committee—as a member for one year, as Chairperson for the next. You are, of course, flattered and you accept. It continues calmly enough for a year as you rate paper proposals and read copies of memos from the Chairperson. The tempo increases at the Annual Meeting, when the Chairperson says, "It's all yours now!" and the Editor of *MN*, in the same conversation, reminds you that the Call for Papers for the next year is due in two weeks. From then on—till the next Annual Meeting—it is a lot of fun but also a lot of work. As this 1976 Program goes to press, however, I contradict my predecessor. In no way has it been "all mine." The final decisions, and hence the ultimate responsibility, must be laid at my door, but the members of the Committee have done a great deal of the hard work. And it does not end. John Yates is already reminding Mary Fruen that the Call for Papers for 1977 is due at the end of the month.

I am deeply indebted to many who have helped. In addition to the Committee, my thanks go to Bill Russell and Pat Stivers of the AERA Central Office, to our patient and tireless secretaries, and, perhaps most of all, to Brenda Woodward of The Psychological Corporation, who took over so much of the detailed work of scheduling sessions and printing the Program.

New York
March 1976

Lois E. Burrill

NCME OFFICERS

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Measurement, Ethics, and the Law: Jack C. Merwin, University of
Minnesota

ANNUAL MEETING HIGHLIGHTS

Board of Director's Meetings – All members are invited to attend as observers.

Old and New Boards: Monday, April 19, 9 - 5, Oxford Room, St. Francis

Old Board: Thursday, April 22, 1:30 - 5, room to be announced

Annual Breakfast and Business Meeting

Wednesday, April 21, 8 - 10, Plaza Room, Hilton

No-Host Cocktail Party and Reception for Members and Guests

~~Monday, April 19, 6 - 8, Windsor and Victoria Rooms, St. Francis~~

Tuesday, April 20



Graduate Student Conversations

With Jay Millman, Tuesday, April 20, 10:35 - 12:05, Windsor Room, St. Francis

With John Flanagan, Wednesday, April 21, 12:25 - 1:55, Lessen Room, Hilton

Declining Test Scores Symposiums

Thursday, April 22, 8:15 - 10:15 and 10:35 - 12:05, Georgian Room, St. Francis

Task Force Activities

Affective Measurement (Task Force 1)

Open Meeting: Tuesday, 1:15 - 1:55, Windsor Room, St. Francis

Symposium: Tuesday, 4:05 - 5:35, Oxford Room, St. Francis

Teacher Evaluation (Task Force 2)

Symposium: Wednesday, 10:35 - 12:05, Toyon Room, Hilton

Measurement in Competency-Based Programs (Task Force 3)

Symposiums: Tuesday, 10:35 - 12:05 and 2:15 - 3:45, Oxford Room, St. Francis

Wednesday, 4:05 - 6:05, Toyon Room, Hilton

Thursday, 10:35 - 12:05, Oxford Room, St. Francis

Debate: Thursday, 2:15 - 3:45, Oxford Room, St. Francis

Wrap-Up: Friday, 10:35 - 12:05, Windsor Room, St. Francis

Measurement, Ethics, and the Law (Task Force 4)

Open Meeting: Thursday, 4:05 - 5:35, Windsor Room, St. Francis

Symposiums: Tuesday, 10:35 - 12:05, California West Room, St. Francis

Thursday, 8:45 - 10:15, Colonial Room, St. Francis

PROGRAM SUMMARY

	Tuesday (St. Francis)	Wednesday (Hilton)	Thursday (St. Francis)
8:45 - 10:15	<p>4A Personality Measurement/Health Professions (S) (Windsor)</p> <p>4B CRT/Overseas Schools (S) (Oxford)</p> <p>4C Latent Trait Models (P) (Kent)</p>	<p>Annual Breakfast and Business Meeting 8 - 10 (Plaza Room)</p>	<p>18.03 Score Trends (S) (Georgian) (begins 8:15)</p> <p>19A Multiple Matrix Sampling (P) (Kent)</p> <p>19.11 Confidentiality/Right to Know (S) (Colonial)</p>
10:35 - 12:05	<p>5A Task Force 3: Measurement Issues (S) (Oxford)</p> <p>5B Context/Passage Dependency (P) (Kent)</p> <p>5C Conversation/Jay Millman (Windsor)</p> <p>5.19 Test Scores for Policy (S) (California West)</p>	<p>12A1 Grade Inflation (P) (Lessen)</p> <p>12B Test Speededness (S) (Diablo)</p> <p>12C Teacher Evaluation (S) (Toyon)</p> <p>12.01 Division G Invited Address (Pacific)</p> <p>12.02 Rasch Scaling (P) (Parlor 1)</p> <p>12.13 Measuring Affect (P) (Teakwood)</p>	<p>20A Task Force 3: Sociological Issues (S) (Oxford)</p> <p>20B Score Trends (S) (Georgian)</p> <p>20C Minimum Standards (S) (Kent)</p>
	<p>6A Student Ratings (P) (Oxford)</p>	<p>13A1, 2 Self-Concept/Locus of Control (P) (Toyon)</p>	<p>21A1, 2 Prediction (P) (Kent)</p>

<p>12:25 - 1:55</p> <p>6B1, 2 Bias Issues (P) (Kent)</p> <p>6C Task Force 1: Open Meeting (Windsor) (begins 1:15)</p>	<p>13B1, 2 Piaget/Special Education (P) (Diablo)</p> <p>13C Conversation/John Flanagan (Lessen)</p>	<p>21B1, 2 Test-Taking Behavior (P) (Oxford)</p> <p>21C Student Ratings (S) (Windsor)</p> <p>21.16 Division H Invited Address (Colonial)</p>
<p>2:15 - 3:45</p> <p>7A Task Force 3: Certification (S) (Oxford)</p> <p>7B Measurement in Reading (P) (Kent)</p> <p>7C Psychosocial Maturity (S) (Windsor)</p>	<p>14A Medical School Admissions Tests (S) (Diablo)</p> <p>14.06 Division D Invited Address (Ballroom 4)</p> <p>14.08 Objective-Referenced Instruments (S) (Ballroom 6)</p> <p>14.12 Public School Measurement (S) (Cypress)</p>	<p>22A Task Force 3: Debate (Oxford)</p> <p>22B Test Construction (P) (Kent)</p> <p>22C Teacher Characteristics (P) (Windsor)</p>
<p>4:05 - 5:35</p> <p>8A Task Force 1: Survey (S) (Oxford)</p> <p>8B Competency/Health Professions (S) (Windsor)</p> <p>8C Category Scoring (P) (Kent)* *Concludes at 6:05</p>	<p>15A Task Force 3: Data Utilization (S) (Toyon)*</p> <p>15B Objective-Referenced Measurement (P) (Diablo)*</p> <p>15C Large City and County Test Directors (Lessen)</p> <p>15.12 Assessment of Bias (S) (Shasta)* *Concludes at 6:05</p>	<p>23A Building CR Diagnostic System (S) (Oxford)</p> <p>23B1, 2 Reliability/Program Effectiveness (P) (Kent)</p> <p>23C Task Force 4: Open Meeting (Windsor)</p>
<p>Friday (St. Francis) 10:35 - 12:05 27A Task Force 3: Wrap-Up (Windsor) 27.15 Improving Achievement Tests (Georgian)</p>		

DETAILED PROGRAM

(P) indicates paper session

(S) indicates symposium

TUESDAY

Windsor (St. Francis) 8:45 - 10:15

Session 4A: Approaches to Personality Measurement in Health Professions Education (S)

Organizer: Jack G. Hutton, Jr., Howard University

Participants: Pavel Machotka, University of California, Santa Cruz
James W. Graham, American Dental Association
Ayres G. D'Costa, Association of American Medical Colleges
Nira R. Levine, Pacific University College of Optometry
Gare LeCompte, Ohio College of Podiatric Medicine

Discussants: Harrison G. Gough, University of California, Berkeley
Charles L. Thomas, Indiana University

Oxford (St. Francis) 8:45 - 10:15

Session 4B: Creating Criterion-Referenced Measures for a Major American Overseas School System (S)

Organizer: W. James Popham, University of California, Los Angeles

Moderator: Stephen Isaac, San Diego City Schools

Participants: W. James Popham and Eva L. Baker, University of California, Los Angeles
Carl B. Gustafson and William L. Bastendorf, The United States Dependents School, European Area (USDESEA)

Discussants: Gordon Ascher, New Jersey State Department of Education
Robert Smith, University of Southern California

TUESDAY

Kent (St. Francis) 8:45 - 10:15

Session 4C: Applications of Latent Trait Models (P)

Moderator: William Angoff, Educational Testing Service

Applications of Latent Trait Models to the Analysis of Educational Test Data

Ronald K. Hambleton and Linda Cook, University of Massachusetts, Amherst

The Application of Item Characteristic Curve Methodology to Practical Testing Problems

Gary L. Marco, Educational Testing Service

Practical Procedures for Increasing the Reliability of Classroom Tests by Using the Rasch Model

Joseph P. Ryan and Debra W. Hamm, College of Education, University of South Carolina

A Computer Simulation Investigating the Applicability of the Rasch Model with Varying Item Discriminations

Thomas Dinero, Kent State University
Edward Haertel, Chicago Board of Education

Discussants: Susan Whitely, University of Kansas
Fred Forster, Portland Public Schools

Oxford (St. Francis) 10:35 - 12:05

Session 5A: Measurement Issues Related to Performance Standards in Competency-Based Education (S)

Organizer: Task Force #3

Moderator: James C. Impara, Oregon State Department of Education

Participants: Howard Stoker, Florida State University
Lorrie Shepard, University of Colorado
Richard M. Jaeger, University of South Florida

Discussants: Larry Conaway, Research Triangle Institute
Del Shalock, Oregon College of Education

TUESDAY

Kent (St. Francis) 10:35 - 12:05

Session 5B: Context and Passage Dependency in Reading Test Construction (P)

Moderator: Robert Forsyth, Lindquist Center for Measurement

Passage-Dependency Data in the Selection of Reading Comprehension Test Items

Henry H. Scherich, Houghton Mifflin Company
Gerald S. Hanna, Kansas State University

Using Passage Dependency in Constructing a Criterion-Referenced Reading Test

Jean A. Garren, Richard L. Zweig Associates, Inc.

Context Dependence of Items Designed to Measure the Ability to Derive the Meanings of Words from their Context

Fred Pycrzak, California State University, Los Angeles

Discussants: Ernest Lewis, Southern Illinois University
Lynn Morris, University of California, Los Angeles

Windsor (St. Francis) 10:35 - 12:05

Session 5C: Graduate Student Conversation with Jay Millman

California West (St. Francis) 10:35 - 12:05

Session 5.19: Social and Political Contexts of the Use of Test Scores for Policy: AERA Division G and NCME Task Force #4 Co-Sponsored Session (S)

Organizer: Joan C. Baratz, Education Policy Research Institute, ETS

Moderator: Arthur Wise, Education Policy Research Institute, ETS

Participants: Joan Baratz and Peter Skerry, Education Policy Research Institute, ETS
Robert Feldmesser, Margaret Goertz, and Jay Moskowitz, Educational Testing Service
Paul Tractenberg, Education Law Center, Inc.

Discussant: Joel Berke, Education Policy Research Institute, ETS

TUESDAY

Oxford (St. Francis) 12:25 - 1:55

Session 6A: Student Ratings of Teachers and Instruction (P)

Moderator: W. L. Bashaw, University of Georgia

A Comparison of the Criterion Validity of Two Types of Student Response Inventories for Appraising Instruction

Sidney E. Benton, North Georgia College

Owen Scott, University of Georgia

Relationship of Secondary Students' Evaluations of Teachers and their General Attitude toward School

Janice P. Smith and T. J. Brown, Florida State University

The Effects of Different Instructions on Student Ratings of University Courses and Teachers

H. Parker Blount and William M. Stallings, Georgia State University

Venu G. Gupta, Kutztown State College

Discussants: Raoul W. Arreola, Florida State University

Warren G. Findley, University of Alabama

Kent (St. Francis) 12:25 - 1:05

Minisession 6B1: Statistical Procedures to Identify Item Bias (P)

Moderator: Clint Walker, University of California, Los Angeles

Sex Differences in Item Responses on the Graduate Record Examination

Marilyn M. Hicks, University of Southern California

Thomas F. Donlon and Madeline M. Wallmark, Educational Testing Service

An Approach to Cultural Validity: Applications to the Texas Career Education and Florida State Assessments

Dale Foreman, Council for REAL Education

Discussant: Carol Tittle, New York University

Kent (St. Francis) 1:15 - 1:55

Minisession 6B2: Sex Bias in Affective Measures (P)

Moderator: Clint Walker, University of California, Los Angeles

(continued)

TUESDAY

The Use of Item-Favorability Data as Evidence of Sex Bias in Interest Inventories

W. Michael Shaffer, The Psychological Corporation

Sex Stereotyping in Inventories

Susan J. Ellsbury, Indiana State Department of Education

Discussant: Sheryl Reed, Educational Testing Service

Windsor (St. Francis) 1:15 - 1:55

Session 6C: Open Meeting of Task Force on Measurement of Affective Outcomes

Moderator: Nancy Cole, University of Pittsburgh

Oxford (St. Francis) 2:15 - 3:45

Session 7A: Certification and Licensing in Competency-Based Education (S)

Organizer: Task Force #3

Moderator: James Sanders, Western Michigan University

Participants: Benjamin Shimberg, Educational Testing Service
Robert Keysor, Brigham Young University
Dean Nafziger, Northwest Regional Educational Laboratory
Jim Fortune, Virginia Polytechnic and State University
Kathryn Hecht, University of Alaska

Discussants: William Crawford, University of California, Los Angeles
Albert Maslow, Educational Testing Service

Kent (St. Francis) 2:15 - 3:45

Session 7B: Measurement in Reading (P)

Moderator: Edward Nelson, Arizona State University

The Emergence of Fluent Reading: Errors of Omission vs. Errors of Commission

Spencer S. Swinton, Educational Testing Service

(continued)

TUESDAY

A Study of the Validity of the Use of Visual-Motor Tests as Indicators of Perceptual Readiness for Reading

Betty H. Yarborough and Carol C. Raper, Old Dominion University
Margaret M. Clark, Chesapeake Demonstration School

The Development of a Set of Unbiased Pictorial Stimuli for use with Five- and Six-Year-Old Children

Norman P. Uhl, North Carolina Central University
W. Paul Mortenson, Iowa State University

Discussants: Paul Redelheim, Case Western Reserve University
Patricia Campbell, Georgia State University

Windsor (St. Francis) 2:15 - 3:45

Session 7C: Large Scale Validation of the Construct Psychosocial Maturity from Various Perspectives (S)

Organizer: Garrett K. Mandeville, University of South Carolina

Participants: Paul Sandifer and John Saunders, South Carolina Department of Education
Garrett Mandeville, Sue Cluxton, Joe Ryan, Debra Hamm, Lorin Anderson, and Vana Meredith, University of South Carolina

Discussants: Ellen Greenberger, Johns Hopkins University
Ben Wright, University of Chicago

Oxford (St. Francis) 4:05 - 5:35

Session 8A: A Survey of the Uses of Affective Measurement from Preschool through Professional Schools (S)

Organizer: Task Force #1

Moderator: Nancy S. Cole, University of Pittsburgh

Participants: William Barker, Franklin Institute Research Labs
James Ayer, School District of Philadelphia
Richard Stiggins and Cynthia Schmeiser, American College Testing Program
Douglas Whitney, University of Iowa
Agnes Rezler, University of Illinois College of Medicine

TUESDAY

Windsor (St. Francis) 4:05 - 5:35

Session 8B: Competency Evaluation for Certification in the Health Professions (S)

Organizer: J. Langdon Taylor, Jr., Ohio University, College of Osteopathic Medicine

Moderator: David B. West, Michigan State University

Participants: J. Warren Anderson, Texas College of Osteopathic Medicine, North Texas State University
Barbara Andrews, National Board of Medical Examiners
Anthony LaDuca, University of Illinois
Jack L. Maatsch and Ronald J. Markert, Michigan State University
Betty Risley, University of Illinois

Discussant: Lee S. Shulman, Michigan State University

Kent (St. Francis) 4:05 - 6:05

Session 8C: Category Scoring Techniques (P)

Moderator: Fred Smith, Louisiana State University

Maximizing Information from Free Response Exercises in Mathematics
Wayne H. Martin, National Assessment of Educational Progress

Scoring Instrumental and Vocal Musical Performance
Susan J. Oldefendt, National Assessment of Educational Progress

Applications to Free Response Items from Career and Occupational Development
Donald L. Phillips, National Assessment of Educational Progress

The Primary Trait System for Scoring Writing Tasks
Ina V. S. Mullis, National Assessment of Educational Progress

Systematic Judgment of Childrens' Drawings
Sarah S. Knight, National Assessment of Educational Progress

Discussants: Harold Hoyt, Jefferson County (CO) Schools
Nambury Raju, Science Research Associates

WEDNESDAY

Plaza (Hilton) 8:00 - 10:00

Breakfast and Annual Business Meeting

Thomas J. Fitzgibbon, Presiding

Lessen (Hilton) 10:35 - 11:15

Minisession 12A1: Grade Inflation in Higher Education (P)

Moderator: Richard Cox, University of Pittsburgh

Grade Inflation in Higher Education: What Can or Should We Do?

Arvo E. Juola, Michigan State University

Grade Inflation: A Model of Self-Evaluation for Undergraduate Universities

Janet E. Mays, Laurentian University

Michael S. Kolevzon, Virginia Commonwealth University

Discussant: David Frisbee, University of Illinois

Diablo (Hilton) 10:35 - 12:05

Session 12B: Test Speededness: Empirical Studies with Special Samples (S)

Organizer: Thomas F. Donlon, Educational Testing Service

Participants: Richard Reilly and Susan Ford, Educational Testing Service
Susan Rindler, Northeastern University
Franklin Evans, University of New Mexico

Discussants: Ross Traub, Ontario Institute for Studies in Education
Warren Findley, University of Georgia

WEDNESDAY

Toyon (Hilton) 10:35 - 12:05

Session 12C: Teacher Evaluation (S)

Organizer: Annie W. Ward, University of South Florida

Participants: Eva L. Baker, University of California, Los Angeles
Roger Reimer, University of the Pacific
Richard Majetic and Ed Masonis, Educational Testing Service
Robert A. Smith, Kathleen Wulf, and Marvin Nottingham,
University of Southern California
Margaret Horton, Stetson University
Julie Vargas, West Virginia University
Edward Caldwell, University of South Florida

Discussants: Lloyd Horton, Volusia County (FL) Public Schools
William C. Thiemer, University of the Pacific

Pacific (Hilton) 10:35 - 12:05

Session 12.01: AERA Division G Invited Address

Moderator: William Spady, National Institute of Education

Speaker: Harold Howe II, Vice President, The Ford Foundation

Topic: Education Research – The Promise and the Problem

Parlor 1 (Hilton) 10:35 - 12:05

Session 12.02: Exploring the Rasch Test Scaling Procedure: AERA Division H and NCME Co-Sponsored Session (P)

Moderator: Chad Karr, Portland State University

Participants: Fred Forster, George Ingebo, and Dean Forbes, Portland
Public Schools
Dick Stiles, California State Board of Education

Teakwood (Hilton) 10:35 - 12:05

Session 12.13: Measuring Affect: AERA Division H and NCME Co-Sponsored Session (P)

Moderator: Tim Wentling, University of Illinois

(continued)

WEDNESDAY

Measuring Affective Change with Magnitude Estimation Scaling

Richard L. Stiles, California State Department of Education

Self-Anchoring Rating Scale for Assessing Personal Growth

Philip Archer, Board of Cooperative Educational Services,
Westbury, New York

An Instrument for the Assessment of Problem Behaviors of Learning Disabled Children

Thomas E. Whalen, Theodore G. Alper, Susan Ewy, and Paul Gareis,
California State University, Hayward

Development of the RBS Student Attitude Survey: An Instrument to Assess Student Attitude toward School, Work, Self, and Others

Mark W. Blair and Keithe M. Kershner, Research for
Better Schools, Inc.

Measuring Attitudes toward Reading in Large Scale Assessment

Dennis Deck and J. Jackson Barnette, Pennsylvania State University

A Review of Instrumentation to Assess Reading Attitudes in the Elementary Grades

John F. Greene, University of Bridgeport
Perry A. Zirkel, University of Hartford

Discussant: Bruce Arneklev, Tacoma (WA) Public Schools

Toyon (Hilton) 12:25 - 1:05

Minisession 13A1: Assessment of Self-Concept (P)

Moderator: Sylvia Rosenfield, Fordham University

Environmental Correlates of Self-Concept and Self-Esteem

Robert H. Phillips, New York City Board of Education
John C. Houtz, Fordham University

A Multitrait-Multimethod Study of Three Self-Concept Measures

Philip H. Winne and Ronald W. Marx, Simon Fraser University
Terry D. Taylor, Far West Regional Educational Laboratory

Discussant: Richard S. Kay, Brigham Young University

WEDNESDAY

Toyon (Hilton) 1:15 - 1:55

Minisession 13A2: Effects of Locus of Control (P)

Moderator: Sylvia Rosenfield, Fordham University

Multivariate Analysis of the Effects of Locus of Control and Sex on Life Aims

William Dennis Zerega, Jr. and M. S. Tseng, West Virginia University
Research and Training Center

A Developmental Study of the Mediating Effects of Locus of Control on Career Maturity

Hollie B. Thomas, Florida State University
Jack Carpenter, Leon County Schools

Discussant: John Gaa, University of Houston

Diablo (Hilton) 12:25 - 1:05

Minisession 13B1: Piagetian Measures (P)

Moderator: Douglas Glasnapp, University of Kansas

Attempted Construct Validation of a Group Administrable Piagetian Test of Classification Skills

David C. Rand and Randolph A. Ellsworth, Wichita State University

A Psychometric Investigation of Three Group Administered Piagetian Measures

Robert J. Silverman, Alfred Aragon, and Francisco Garcia, Northwest
Regional Educational Laboratory

Discussant: Robin Froman, University of Connecticut

Diablo (Hilton) 1:15 - 1:55

Minisession 13B2: Measurement in Special Education (P)

Moderator: Douglas Glasnapp, University of Kansas

A Model for State Assessment of Trainable Mentally Retarded Students: Reliability and Validity

Jacob G. Beard and David T. Morse, Florida State University

Discussant: Maureen Sie, Wayne State University

WEDNESDAY

Lessen (Hilton) 12:25 - 1:55

Session 13C: Graduate Student Conversation with John Flanagan

Diablo (Hilton) 2:15 - 3:45

Session 14A: Determining Appropriate Content for Medical School Admissions Tests (S)

Organizer: Mary A. Fruen, Association of American Medical Colleges

Participants: James L. Angel, Association of American Medical Colleges
Sandra R. Wilson and John Claudy, American Institutes
for Research

Discussants: William Mehrens, Michigan State University
William Crawford, University of California, Los Angeles

Ballroom 4 (Hilton) 2:15 - 3:45

Session 14.06: AERA Division D Invited Address

Moderator: Ralph W. Tyler, Director Emeritus, Center for Advanced Study
in the Behavioral Sciences

Speaker: Louis Guttman, Israel Institute of Applied Social Research

Topic: The First Laws of Attitude and Intelligence

Ballroom 6 (Hilton) 2:15 - 3:45

Session 14.08: The Use of Objective-Referenced Instruments in Evaluation: AERA Division H and NCME Co-Sponsored Session (S)

Moderator: Muriel M. Abbott, The Psychological Corporation

Participants: Gordon Ascher, New Jersey State Department of Education
Daniel E. Schooley and Stanley A. Rumbaugh, Michigan State
Department of Education
John Crew and Edward N. Whitney, Baltimore City
Public Schools
Richard C. Benjamin, Lansing (MI) School District
Judith K. Anderson, Department of Health, Education,
and Welfare

Discussant: Robert L. Thorndike, Teachers College, Columbia University

WEDNESDAY

Cypress (Hilton) 2:15 - 3:45

Session 14.12: Practical Developments in Measurement in Public School Settings: AERA Division H and NCME Co-Sponsored Session (S)

Moderator: John N. Pyecha, Research Triangle Institute

Participants: William E. McMillan, Minnesota Office of Statewide Assessment
Victor Doherty, Portland Public Schools
Gary B. Stuck, University of North Carolina
John McNight, Pitt County (NC) Board of Education
Jules Grosswald, Philadelphia Board of Education

Discussants: Allen Farstrap and Orville Ruud, Minnesota Office of Statewide Assessment

Toyon (Hilton) 4:05 - 6:05

Session 15A: Data Utilization in Competency-Based Measurement (S)

Organizer: Task Force #3

Moderator: Eva Baker, University of California, Los Angeles

Participants: Eva Baker and Arlene Fink, University of California, Los Angeles
David Banks, Grant High School, Van Nuys, California
Dennis Carmichael, Bellevue (WA) Public Schools

Discussants: John E. McDermott, Special Counsel with the Center on Law and Poverty, Los Angeles, California
Jack McCurdy, *Los Angeles Times*

Diablo (Hilton) 4:05 - 6:05

Session 15B: Objective-Referenced Measurement (P)

Moderator: Michael Holen, Kansas State University

Constructing an Edumetric Test

Carl H. Reynolds, Boston College

Nancy Cobean, U.S. Army, Natick Development Center

(continued)

WEDNESDAY

Quality Control for Evaluation Systems Based on Objective-Referenced Tests

Daniel E. Schooley and Daniel W. Schultz, Michigan State Department of Education

Irving J. Lehmann, Michigan State University

A Model for the Reliability of Criterion-Referenced Tests

Bruce Frederick, State University of New York, Albany

Indexes of Item Adequacy for Individually Administered Mastery Tests

Allan L. Pettie and Albert C. Oosterhof, Florida State University

The Paradox of Criterion-Referenced Measurement

Tom Haladyna, Oregon State System of Higher Education

Discussants: Ronald Berk, Montgomery County (MD) Public Schools
Ronald Hambleton, University of Massachusetts

Lessen (Hilton) 4:05 - 5:35

Session 15C: Large City and County Test Directors' Meeting

Shasta (Hilton) 4:05 - 6:05

Session 15.12: The Assessment of Bias in the Absence of an Outside Criterion: AERA Division D and NCME Co-Sponsored Session (S)

Organizer: Janice D. Scheuneman, The Psychological Corporation

Moderator: William Coffman, University of Iowa

Participants: Donold Ross Green, CTB/McGraw Hill
Gary Echternacht, Educational Testing Service
Janice Scheuneman, The Psychological Corporation
James K. Veale, Statistical Consultant
William R. Merz, California State University, Sacramento

Discussant: William Angoff, Educational Testing Service

THURSDAY

Georgian (St. Francis) 8:15 - 10:15

Session 18.03: Score Trends in National Exams and their Implications: AERA Division D and NCME Co-Sponsored Session (S)

Moderators: Lawrence M. Stolurow, State University of New York, Stony Brook
Gilbert R. Austin, University of Maryland, College Park

Participants: Anne Cleary and Sam McCandless, College Entrance Examination Board
John C. Flanagan, American Institutes for Research
Richard Ferguson, American College Testing Program
Roy H. Forbes, National Assessment of Educational Progress

Discussants: Harold Hodgkinson, National Institute of Education
Stephan A. Roderick, University of Michigan
Michael Kane and Robert Brennan, State University of New York, Stony Brook
Janet Dixon Elashoff, Center for Ulcer Research and Education

(Immediately following this session in the same room an NCME session, "Score Trends in Math, Reading, and Science and their Implications," will continue the above discussion and explore practical aspects of trends of declining test scores. See Session 20B.)

Kent (St. Francis) 8:45 - 10:15

Session 19A: Multiple Matrix Sampling (P)

Moderator: William Gorth, National Evaluation Systems

Assessment of Curriculum Objectives by Multiple Matrix Sampling

Shirley A. Michaels and Anne D. Mulgrew, Edmonton Public School Board

An Evaluation of a Multiple Matrix Sampling Procedure for a State Assessment Program

Richard L. Kohr, Pennsylvania State Department of Education

An Empirical Study of the Feasibility of Using Multiple Matrix Sampling to Estimate the Means of Intact Classrooms

Carl D. Novak, Educational Service Unit #18, Lincoln, Nebraska

Discussants: Richard Hill, California State Department of Education
David Shoemaker, Southwest Regional Educational Laboratory

THURSDAY

Colonial (St. Francis) 8:45 - 10:15

Session 19.11: Confidentiality of Data Versus the Right to Know: New Problems for Educational Researchers: AERA Division H and NCME Task Force #4 Co-Sponsored Session (S)

Organizer: Michael H. Kean, Philadelphia Public Schools

Participants: David G. Carter, The Pennsylvania State University
Michael H. Kean, Philadelphia Public Schools
Larry W. Barber, Eugene (OR) Public Schools
John Hayman, Jr., Far West Regional Educational Laboratory

Discussant: Robert Scanlon, Research for Better Schools

Oxford (St. Francis) 10:35 - 12:05

Session 20A: Sociological Issues in Competency-Based Testing (S)

Organizer: Task Force #3

Moderator: Mary Anne Bunda, Western Michigan University

Participants: Russell Marks and Charles Thomas, Indiana University
Wells Hively, Spaulding Youth Center
William G. Spady, National Institute of Education

Discussants: Sheila Huff, Syracuse University Research Corporation
George Madaus, Boston College

Georgian (St. Francis) 10:35 - 12:05

Session 20B: Score Trends in Math, Reading, and Science and their Implications: NCME and AERA Division D Co-Sponsored Session (this is a continuation of Session 18.03) (S)

Moderators: Gilbert R. Austin, University of Maryland, College Park
Lawrence M. Stolurow, State University of New York,
Stony Brook

Participants: Gilbert Austin, University of Maryland, College Park
Roger Farr, Indiana University
Henry Walbesser, University of Maryland, Baltimore County

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THURSDAY

Discussants: David Wiley, CEMREL, Inc. (tentative)
James Impara, Oregon State Department of Education
Carl Maw, National Institute for Education

Kent (St. Francis) 10:35 - 12:05

Session 20C: Minimum Standards: Social Political, and Technical Dimensions (S)

Organizer: Gordon Ascher, New Jersey State Department of Education

Kent (St. Francis) 12:25 - 1:05

Minisession 21A1: Predicting Grades (P)

Moderator: James M. Richards, Jr., Johns Hopkins University

Predicting Eighth-Grade Teacher-Assigned Grades from Teacher-Student Interaction and Student Aptitude and Personality

Barbara Hummel-Rossi and Jan Schwartz, New York University

The Prediction of Freshman GPA for Blacks and Mexican-Americans

Nancy D. Dittmar, Carole A. Holahan, Bernard D. Yancy, and H. Paul Kelley, University of Texas, Austin

Discussant: Roy Goldman, University of California, Riverside

Kent (St. Francis) 1:15 - 1:55

Minisession 21A2: Predicting Success in Graduate School (P)

Moderator: James M. Richards, Jr., Johns Hopkins University

Comparisons of Approaches to the Assessment of the Real-Life Accomplishments of Applicants to Graduate Schools

Leonard L. Baird, Educational Testing Service

The Validity of Undergraduate Grades and Law School Admission Test Scores for Predicting Criteria Beyond the First Year of Law School

Alfred B. Carlson, Educational Testing Service

Discussant: Wimburn L. Wallace, The Psychological Corporation

THURSDAY

Oxford (St. Francis) 12:25 - 1:05

Minisession 21B1: Test-Taking Behavior (P)

Moderator: Edward Kifer, University of Kentucky

The Effects of Three Selected Aspects of Test-Wiseness on the Standardized Test Performance of Eighth-Grade Students

Leon J. Gross, University of Illinois College of Medicine

Item Response Changes and Cognitive Style

Robert F. McMorris and Gregory Leonard, State University of New York, Albany

Discussant: Roger Koehler, University of Nebraska

Oxford (St. Francis) 1:15 - 1:55

Minisession 21B2: Scoring Methods and Test-Taking Behavior (P)

Moderator: Edward Kifer, University of Kentucky

A Comparison of Guessing, Risk-Taking, and Achievement under Norm-Referenced and Criterion-Referenced Testing Conditions

Linda Crocker and Jeri Benson, University of Florida

Principles of Signal Detection Applied to Classroom Testing

Michael Brumet, Niagara University
Stephen Jurs, University of Toledo

Discussant: Kevin Crehan, University of Nevada

Windsor (St. Francis) 12:25 - 1:55

Session 21C: Progress and Problems in Validity Issues of Student Ratings (S)

Organizer: Steven Owen, University of Connecticut

Moderator: David Rand, Wichita State University

Participants: William McCook, Robin D. Froman, Anthony Lolli, and Steven V. Owen, University of Connecticut
Sylvia Cuomo, University of Massachusetts

Discussant: Barak Rosenshine, University of Illinois

THURSDAY

Colonial (St. Francis) 12:25 - 1:55

Session 21.16: AERA Division H Invited Address

Moderator: Larry W. Barber, Eugene (OR) Public Schools

Speaker: Nolan Estes, Dallas Public Schools

Topic: The Role and Importance of Evaluation Research and Development in Public School Systems

Oxford (St. Francis) 2:15 - 3:45

Session 22A: Resolved: Competency-Based Testing Is No Different From Any Other Sort of Testing

Organizer: Task Force #3

Moderator: James Wardrop, University of Illinois

Participants: Roger Farr, Indiana University
Robert Linn, University of Illinois
Jack Merwin, University of Minnesota
Derol Graham, University of Texas Health and Science

Kent (St. Francis) 2:15 - 3:45

Session 22B: Techniques of Test Construction (P)

Moderator: Irene Athey, University of Rochester

On the Equivalence of Constructed-Response and Multiple-Choice Tests

Ross E. Traub, The Ontario Institute for Studies in Education
Charles W. Fisher, Far West Regional Educational Laboratory

Validation of a Multiple-Choice Cloze Test of Literal Comprehension

Robert P. O'Reilly, New York State Education Department

Using a Unique Item Format for Measuring the Existence and Characteristics of Acquiescence

Darrell L. Sabers and Keith E. Meredith, University of Arizona

Techniques for the Development of Performance Assessment Devices

Nick L. Smith, University of Nebraska Medical Center

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THURSDAY

Discussants: Allen Shub, Science Research Associates
Douglas Whitney, University of Iowa

Windsor (St. Francis) 2:15 - 3:45

Session 22C: Teacher Characteristics (P)

Moderator: Albert Yee, California State University

Identifying the Characteristics of the Ideal Professor: An Application of Multidimensional Scaling

William E. Loadman, Ohio State University

Development and Validation of an Ipsative Forced-Choice Measure of Self-Perceived Faculty Performance

Enrique E. Batista, University of Antioquia (Colombia)

Dale C. Brandenburg, University of Illinois, Urbana-Champaign

A Comparison of the Kerlinger Education Scale VII and the Minnesota Teacher Attitude Inventory

Roy E. Sommerfeld, Robert B. Pittman, and Jeri R. Mayer, University of North Carolina, Chapel Hill

Discussants: H. Richard Smock, University of Illinois
Steven Owen, University of Connecticut

Oxford (St. Francis) 4:05 - 5:35

Session 23A: Building a Criterion-Referenced Diagnostic System (S)

Organizer: John H. Oswald, The Psychological Corporation

Moderator: Harold F. Bligh, The Psychological Corporation

Participants: Joanne M. Lenke, Barrie Wellens, and John H. Oswald, The Psychological Corporation
Eric F. Gardner, Syracuse University

Discussants: Bjorn Karlsen, California State College, Sonoma
George Ingebo, Portland (OR) Public Schools

THURSDAY

Kent (St. Francis) 4:05 - 4:45

Minisession 23B1: Estimates of Reliability (P)

Moderator: Edward Iwanicki, University of Connecticut

Item Reliabilities for a Family of Answer-Until-Correct (AUC) Scoring Rules

Michael T. Kane, State University of New York, Stony Brook

James M. Moloney, State University of New York, Brockport

The Accuracy of Three Approximations for Test Reliability

David J. Kleinke, Syracuse University

Discussant: Gerald Gillmore, University of Washington

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Minisession 23B2: School/Program Effectiveness (P)

Moderator: Edward Iwanicki, University of Connecticut

A Comparison of the Effectiveness of a Norm-Referenced and an Objective-Referenced Mathematics Test for Identifying Achievement Differences between Schools

Peter W. Airasian and George F. Madaus, Boston College

Ernest A. Rakow, Memphis State University

Assessing School and Program Effectiveness: Estimating Hidden Teacher Effects

Ernest A. Rakow, Memphis State University

Peter W. Airasian and George F. Madaus, Boston College

Discussant: Ralph Hanson, Southwest Regional Educational Laboratory

Windsor (St. Francis) 4:05 - 5:35

Session 23C: Open Meeting of Task Force 4: Measurement, Ethics, and the Law

Moderator: Jack C. Merwin, University of Minnesota

FRIDAY

Windsor (St. Francis) 10:35 - 12:15

Session 27A: Measurement in Competency-Based Programs Wrap-Up Session

Moderator: Mary Anne Bunda, Western Michigan University

Participants: James Impara, Oregon State Department of Education
James Sanders, Western Michigan University
Eva Baker, University of California, Los Angeles
James Wardrop, University of Illinois, Urbana-Champaign

Georgian (St. Francis) 10:35 - 12:05

Session 27.15: Improving Achievement Tests and their Use: AERA Division H and NCME Co-Sponsored Session (P)

Moderator: Susanne Blatt, Columbus Public Schools

Increasing the Relevant Information of Standardized Tests

Carole Perlman, Marion F. Rice, and William K. Rice, Jr., Chicago Public Schools

A Longitudinal Study: Achievement and Its Prediction in a United Mathematics Program

David J. Fuys, Brooklyn College CUNY

A Study of the Generalizability of the Results of Standardized Achievement Tests

Sol H. Pelavin, Stanford Research Institute
Pierce Barker, Rand Corporation

Concerning Scores and Scale Transformations in Standardized Achievement Tests, Their Accuracy and Dependability for Individuals and Aggregation: The Case at MAT 70

Pierce Barker, Rand Corporation
Sol H. Pelavin, Stanford Research Institute

A Technique for Identifying the Nature, Extent, and Direction of Between-School Effects Within Tests

Ernest A. Rakow, Memphis State University
Peter W. Airasian and George F. Madaus, Boston College

Discussant: Dean Forbes, Portland Public Schools

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