



**THE FIFTY-EIGHTH ANNUAL  
DEMING CONFERENCE ON APPLIED STATISTICS**

# **TRANSACTIONS**

Sponsored by

**AMERICAN SOCIETY FOR QUALITY**

Metropolitan Section ~ ~ Statistics Division

**AMERICAN STATISTICAL ASSOCIATION**

Biopharmaceutical Division

**December 2 – December 4, 2002: Three-Day Conference  
Trump Taj Mahal Casino Resort, Atlantic City, NJ**

**Short Courses: – December 5 - 6, 2002**

1. Statistical Methods for the Analysis of Repeated Measurements
2. Log-linear Models, Logistic Regression, and Bayesian Analysis

**ALL CONFERENCE ACTIVITIES WILL BE HELD IN THE EMERALD  
AND TOPAZ ROOMS ON THE "CF" LEVEL.**

**ALL REGISTRANTS WILL RECEIVE A BOUND COPY OF THE AVAILABLE HANDOUTS  
FOR ALL SESSIONS AT REGISTRATION. CEU AWARDED ON REQUEST.**

See registration page and website:  
<http://nimbus.temple.edu/~kghosh/deming02/>  
for further details.

# PROGRAMME: FIFTY-EIGHTH ANNUAL DEMING CONFERENCE ON APPLIED STATISTICS

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Metropolitan Section ~ Statistics Division  
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MONDAY DECEMBER 2nd 2001		
7:30 – 8:30 AM	Registration	
8:30 – 11:30 AM	<b>Session A</b> <b>Quality of Life Studies with Non-Ignorable Missing Data</b> Speaker: Professor Diane Fairclough University of Colorado Health Sciences Center Moderator: Walter R. Young	<b>Session B</b> <b>Biostatistical Methods: The Assessment of Relative Risks</b> Speaker: Professor John M. Lachin George Washington University Moderator: Nandita Biswas
11:30 AM – 1:00 PM	Lunch (On Your Own)	
1:00 – 4:00 PM	<b>Session C</b> <b>Managing Baseline Imbalances in Randomized Clinical Trials</b> Speaker: Vance Berger, Ph.D. Biometry Research Group, National Cancer Institute Moderator: Michael Chernick	<b>Session D</b> <b>Statistical Issues in the Design and Analysis of High Throughput Screening Data</b> Speaker: S. Stanley Young CGStat LLC Moderator: Nandita Biswas
TUESDAY DECEMBER 3rd 2001		
7:30 – 8:30 AM	Registration	
8:30 – 11:30 AM	<b>Session E</b> <b>Multivariate Statistical Process Control and its Applications</b> Speaker: Robert L. Mason Southwest Research Institute Moderator: J. Stuart Hunter	<b>Session F</b> <b>Recurrent-Events Data Analysis for Product Repairs, Disease Recurrences, and Other Applications</b> Speaker: Wayne Nelson Consultant, Schenectady, NY Moderator: Michael Chernick
11:30 AM – 1:00 PM	Lunch (On Your Own)	
1:00 – 4:00 PM	<b>Session G</b> <b>Drug Safety Evaluation in and After Clinical Trials</b> Speaker: A. Lawrence Gould, PhD, Merck Research Laboratories Moderator: Ivan Chan	<b>Session H</b> <b>Confounding: An Epidemiologic Perspective</b> Speaker: Professor Stephen C. Newman University of Alberta, Edmonton, Canada Moderator: Walter R. Young
WEDNESDAY DECEMBER 4th 2001		
7:30 – 8:30 AM	Registration	
8:30 – 11:30 AM	<b>Session I</b> <b>Nonlinear Mixed-Effects Models in S</b> Speaker: Jose Pinheiro, Novartis Pharmaceuticals Moderator: Fred Balch	<b>Session J</b> <b>Statistical Rules of Thumb</b> Speaker: Professor Gerald van Belle University of Washington Moderator: Jackie Kennedy
11:30 AM – 1:00 PM	Lunch (On Your Own)	
1:00 – 4:00 PM	<b>Session K</b> <b>Modeling PK/PD Data with NLME, with Applications in NONMEM</b> Speaker: Jose Pinheiro and Chyi-Hung Hsu Novartis Pharmaceuticals Moderator: Fred Balch	<b>Session L</b> <b>Statistical Methods for the Analysis of Ordered Categorical Data</b> Speakers: Charles S. Davis, Ph.D. Elan Pharmaceuticals, San Diego, CA Moderator: Jackie Kennedy

Sessions Titles with are based on a book which is available from the conference.

# FIFTY-EIGHTH ANNUAL DEMING CONFERENCE ON APPLIED STATISTICS

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**Walter R. Young has chaired  
this conference for thirty-three  
consecutive years**