Nineteenth Annual Primary Care Research Methods & Statistics Conference
December 3-5, 2004
The Menger Hotel
San Antonio, Texas

Conference Theme:
Studying Knowledge Management in Health Care: Methodological Challenges

Sponsored by:
The Department of Family & Community Medicine
The University of Texas Health Science Center at San Antonio

Endorsed by:
North American Primary Care Research Group
Society of Teachers of Family Medicine
Society of General Internal Medicine
Ambulatory Pediatric Association

This conference is supported by the Agency for Healthcare Research & Quality (grant no. R13 HS14845-01), and by the Veterans Health Administration Health Services Research & Development service (conference grant no. CSF 04-338).
Studying Knowledge Management in Health Care: Methodological Challenges
The theme of this year's conference "Studying Knowledge Management in Health Care: Methodological Challenges".

Plenary Speaker
Reuben McDaniel Jr., PhD, McCombs School of Business, Univ. of Texas at Austin. Dr McDaniel will speak on the topic of "Implications of Complexity Theory for Primary Care Research Design"

Agency for Healthcare Research & Quality: Review of Concept Papers
Conference participants will be invited to submit Concept Papers for proposed research projects. These Concept Papers will be reviewed by an experienced researcher and reviewer from the Agency for Healthcare Research & Quality (AHRQ). A discussion of the research projects and feedback from the AHRQ will be conducted in a workshop format during the conference. This session will benefit both participants whose concept papers are critiqued, as well as less-experienced researchers who observe the process. Proposed Concept Papers from conference participants must be received no later than November 10, 2004. Please send Concept Paper proposals to: David A. Katernahl MD, Department of Family & Community Medicine, 7703 Floyd Curl Dr., suite 610-L, MSC 7795, San Antonio, Texas 78229-3900; fax number: 210-223-6940; email: katerndahl@uthscsa.edu

* New *
Agency for Healthcare Research & Quality Forum – David Meyers MD
The AHRQ Forum provides conference participants with the opportunity to meet with a representative from the Agency for Healthcare Research and Quality (AHRQ). During this forum, the AHRQ representative will discuss with participants the Agency's current funding opportunities and priorities. In addition, future Agency directions will be presented as well as Agency requests for assistance from participants. The forum represents a unique opportunity for AHRQ to share information with participants and to receive input from participants for Agency initiatives.

Research Methodology
Several tracks will be presented, including basic quantitative research methods for primary care researchers, Statistics, Qualitative Methods, and a thematic track on Knowledge Management & Organizational Learning

Novice Researchers
Novice researchers will be interested in several sessions on this year’s Methodology Track. Dr. Larry Gabel will present his highly-rated workshop on "Designing Fundable Research Projects". Dr. Heidi Chumley and colleagues will discuss “Using Reference Manager Software to do Research and Publish Outcomes”. Dr. Alison Dobbie and colleagues will present a seminar on “The Nominal Group Technique as a Curriculum Evaluation Tool”. Dr. Lorraine Wallace will discuss “Increasing Response Rates in Diverse Populations”, and Dr. Robert Ferrer will present a seminar on “How to Conduct a Systematic Review”. Finally, Dr. Sandra Burge will conduct a workshop on “Research Career Development".
Experienced Researchers
Experienced researchers will be challenged by the wide range of topics and techniques available on the Statistics Track. Dr. Yaneer Bar-Yam, President of the New England Complex Systems Institute, will conduct a pre-conference workshop on "Modeling and Simulation in Health Care". Dr Joseph LeMaster will discuss imputation of missing data, while Drs. Paul Darden and Robert Jacobson will conduct a workshop on “Analysis of Complex Datasets” using SPSS, STATA, and SUDAAN. Dr. Norm Oliver will present a seminar on use of SAS and GIS (Geographic Information Systems), and Dr. Bruce Center will lead a seminar on Factor Analysis. Finally, Dr. Ray Palmer will conduct a workshop on “Multilevel Modeling”.

Thematic Track: "Studying Knowledge Management in Health Care: Methodological Challenges"
The conference theme for 2004 is "Studying Knowledge Management in Health Care: Methodological Challenges". Dr. Richard Best and colleagues will present a seminar on “Participatory Action Research in Primary Care Settings”. And Dr Elizabeth Yano will conduct a seminar on “Translating Research into Practice: Evaluation, Implementation, Penetration, and Spread of Organizational Interventions”.

Pre-conference Workshops---

"Modeling and Simulation in Health Care"
Yaneer Bar-Yam PhD, New England Complex Systems Institute
Dr. Bar-Yam will discuss the process of constructing a model and its use, then describe the general strategy of selecting the key variables to capture the relevant aspects of the system to be modeled. Using this approach we will analyze the central issues of representing: (1) medical research, (2) medical errors, and (3) the health care system. In particular, we will prove that the future of medical research must involve modeling, that multi-scale modeling can improve dramatically our understanding of the origins of medical errors, and that a relatively simple model of the health care system provides an understanding of the turmoil that has been taking place in medical management and gives strong recommendations about what should be done to enable a dramatic increase in effective care.

"Designing Fundable Research Projects"
Lawrence L. Gabel PhD, Ohio State University
The purpose of this workshop is two-fold. The workshop will help participants 1) Plan and design a research project; and 2) Prepare a written description of a project with the intent of seeking funding. Dr. Gabel will review the value of credible research, and help participants understand the research process. Workshop participants will explore which areas of research are important to pursue and understand the flow of a research proposal. Participants will analyze and refine the construction of a research proposal.

Enrollment is strictly limited to 30 novice participants.

Conference Goals
In order to meet the increasing demands for high-quality research in primary care, this unique conference focuses on the development of research skills. It is designed to
1) encourage novice researchers to develop basic skills for primary care research; and
2) allow experienced researchers to expand and refine their repertoire of appropriate research techniques.
Credit
The University of Texas Health Science Center at San Antonio Medical School is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

The University of Texas Health Science Center at San Antonio medical school designates this continuing medical education activity for **18 hours in Category 1** of the Physician’s Recognition Award of the American Medical Association. Either Pre-conference workshop is designated for **3.5 hours** in Category 1 of the Physician’s Recognition Award of the American Medical Association.

Location and Accommodations
The “Primary Care Research Methods & Statistics Conference” will be held in San Antonio’s Menger Hotel, located at 204 Alamo Plaza. The Menger is a member of the Historic Hotels of American and the National Trust for Historic Preservation. It is located next to The Alamo.

A block of guest rooms has been reserved at The Menger at a special conference rate for single or double accommodations. Please make your reservations directly with the hotel and identify yourself as an attendee of the **Primary Care Research Methods & Statistics Conference** to receive the special rate.

The block of rooms and rate will be honored until **November 14, 2004**. Reservations received after this cutoff date will be accepted on the basis of availability, but the conference rate cannot be assured after **November 14, 2004**. Since December is a delightful and popular time to visit San Antonio, we urge you to make your reservations early. All reservations will be held only until 4:00 p.m. on the specified day of arrival unless guaranteed by a major credit card or first night’s deposit. **Please make your reservations early!**

*Call or write: The Menger Hotel, 204 Alamo Plaza, San Antonio, Texas 78205*  
Phone: (210) 223-4361, Toll-free: (800) 345-9285

Registration
The registration fee is $245 if postmarked by November 19, 2004, or $285 after November 19, 2004. Special fees have been established for Fellows at $140/$180 and Residents at $100, with written verification. **All presenters must register to attend the conference and pay full registration fee.**

To enroll, send the attached registration form with credit card information or a check made payable to “UTHSCSA Continuing Medical Education.” If you must cancel your registration, tuition will be refunded with a deduction of a $40 administrative fee provided notice is received prior to November 19, 2004. Continuing Medical Education reserves the right to cancel any course no less than one week prior to the course should circumstances make it necessary. In that event, tuition will be refunded in full.

Acknowledgment
This conference is supported by the Agency for Healthcare Research & Quality (grant no. R13 HS14845-01), and by the Veterans Health Administration Health Services Research & Development service (conference grant no. CSF 04-338).
# 19th annual Primary Care Research Methods & Statistics Conference, December 3-5, 2004 – The Menger Hotel

## Friday, Dec 3:

<table>
<thead>
<tr>
<th>Beginner Workshop</th>
<th>Experienced Workshop (Statistics)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8:30-12:00</strong> Designing Fundable Research Projects – Lawrence L. Gabel PhD, Ohio St. Univ. - <em>Enrollment is strictly limited to 30 novice participants</em></td>
<td>Modelizing and Simulations in Health Care - Yaneer Bar-Yam PhD, New England Complex Systems Institute</td>
</tr>
<tr>
<td><strong>12:00-1:30</strong> Lunch (on your own)</td>
<td><strong>Opening Remarks</strong> – Steven A. Wartman MD, PhD</td>
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<tr>
<td><strong>1:30-1:35</strong> Welcome - Carlos R. Jaén, MD, PhD</td>
<td><strong>Plenary Session:</strong> Implications of Complexity Theory for Primary Care Research Design – Reuben McDaniel, Jr., PhD, Univ. of Texas at Austin School of Business</td>
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<tr>
<td><strong>1:35-2:30</strong> Plenary Session:</td>
<td><strong>Break</strong></td>
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<tr>
<td><strong>2:30-2:45</strong> Break</td>
<td><strong>Methodology</strong></td>
</tr>
<tr>
<td><strong>2:45-4:15</strong> How to Conduct a Systematic Review - Robert Ferrer MD MPH</td>
<td><strong>Practical Imputation of Missing Data – Joseph W. LeMaster MD MPH</strong></td>
</tr>
<tr>
<td><strong>4:15-5:00</strong> Increasing Response Rates in Diverse Populations – Lorraine S. Wallace PhD</td>
<td><strong>Item Analysis and Reliability of Unidimensional Scales - Cindy Passmore MA</strong></td>
</tr>
<tr>
<td><strong>Saturday, Dec 4:</strong></td>
<td><strong>Knowledge Management &amp; Organizational Learning</strong></td>
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<tr>
<td><strong>7:30-10:00</strong> Registration, Continental Breakfast</td>
<td><strong>Methodology</strong></td>
</tr>
<tr>
<td><strong>8:00-9:00</strong> Plenary Session:</td>
<td><strong>Statistics</strong></td>
</tr>
<tr>
<td><strong>9:00-10:00</strong> Thematic Panel Discussion: &quot;The Learning Organization&quot; - Reuben McDaniel Jr., PhD, Jacqueline A. Pugh MD</td>
<td><strong>Qualitative Methods</strong></td>
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<tr>
<td><strong>10:00-10:15</strong> Break</td>
<td><strong>Break</strong></td>
</tr>
<tr>
<td><strong>10:15-12:30</strong> Using Reference Manager Software to do Research and Publish Outcomes - Heidi Chumley MD, Richard Usatine MD, Alison Dobbie MB.ChB., MRCGP</td>
<td><strong>Analyzing Complex Data Sets – Robert Jacobson MD, Paul Darden MD</strong></td>
</tr>
<tr>
<td><strong>12:30-1:30</strong> Lunch (provided), Minuet Room</td>
<td><strong>Incorporating Qualitative Methods Into Clinical Research – Charles P. Mouton MD MS</strong></td>
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<tr>
<td><strong>1:30-2:00</strong> Plenary Session:</td>
<td><strong>Break</strong></td>
</tr>
<tr>
<td><strong>2:00-2:15</strong> Break</td>
<td><strong>Methodology</strong></td>
</tr>
<tr>
<td><strong>2:15-3:45</strong> Translating Research into Practice: Evaluation, Implementation, Penetration, and Spread of Organizational Interventions - Elizabeth Yano PhD</td>
<td><strong>Spatial Data Modeling with GIS and SAS – M. Norman Oliver MD</strong></td>
</tr>
<tr>
<td><strong>3:45-4:00</strong> Break</td>
<td><strong>AHRQ Review of Concept Papers – David Meyers MD</strong></td>
</tr>
<tr>
<td><strong>4:00-5:30</strong> The Nominal Group Technique as a Curriculum Evaluation Tool - Alison Dobbie MB.ChB., MRCGP, James Tysinger PhD, Heidi Chumley MD</td>
<td><strong>Factor Analysis - Bruce A. Center PhD, Karin Lindstrom Bremer MA</strong></td>
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<tr>
<td><strong>5:30-7:30</strong> Champagne Reception - Renaissance Room</td>
<td><strong>AHRQ Review of Concept Papers - cont’d</strong></td>
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<tr>
<td><strong>Sunday, Dec 5:</strong></td>
<td><strong>Break</strong></td>
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<tr>
<td><strong>7:30-9:30</strong> Continental Breakfast</td>
<td><strong>Methodology</strong></td>
</tr>
<tr>
<td><strong>8:00-9:00</strong> Academic Panel Discussion: &quot;Rewarding Research&quot; - Anthony J. Infante MD PhD, Charles P. Mouton MD MS, Robert Jacobson MD</td>
<td><strong>Statistics</strong></td>
</tr>
<tr>
<td><strong>9:00-9:15</strong> Break</td>
<td><strong>AHRQ Forum</strong></td>
</tr>
<tr>
<td><strong>9:15-11:45</strong> Research Career Development - Sandra K Burge PhD</td>
<td><strong>Multilevel Modeling – Ray Palmer PhD</strong></td>
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REGISTRATION

19th annual
Primary Care Research Methods & Statistics Conference
December 3-5, 2004
San Antonio, Texas

Name: __________________________________________________________________

Address: __________________________________________________________________

City: ___________________________ State: ___________ Zip: ______

Daytime phone: ____-____-______   Fax: ____-____-______

Email address: ____________________________

Indicate level of research experience: __ Novice   __ Intermediate   __ Experienced

Degree: __ MD   __ PhD   __ RN   __ MS   __ Other: __________

__ Check here if registering for the Novice Researcher Workshop (no charge)
“Designing Fundable Research Projects” Lawrence L Gabel PhD

__ Check here if registering for the Experienced Workshop (additional $50 fee)
"Modeling and Simulations in Health Care", Yaneer Bar-Yam PhD

Please identify yourself:

__ Faculty   __ Fellow   __ Resident   __ Clinical Faculty

__ Practicing Physician   __ Student   __ Other: ________________________

Specialty: ________________________________

Ethnicity (required by AHRQ): __ Hispanic   __ non-Hispanic White

__ African American   __ Asian American   __ Native American   __ Other: __________

How did you learn about the conference: __ Brochure   __ Internet/Website   __ Other: ________

Please indicate the national organizations of which you are a member:

__ STFM   __ Ambulatory Pediatric Association

__ NAPCRG   __ National Council of Nurse Researchers

__ SGIM   __ Other: ________________________________________________
<table>
<thead>
<tr>
<th>Fees (check all that apply:)</th>
<th>early fee</th>
<th>late fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration Fee</td>
<td>$245</td>
<td>$285</td>
</tr>
<tr>
<td>UTHSCSA Faculty</td>
<td>$145</td>
<td>$185</td>
</tr>
<tr>
<td>Fellows (with written verification)</td>
<td>$140</td>
<td>$180</td>
</tr>
<tr>
<td>Residents (with written verification)</td>
<td>$100</td>
<td>$140</td>
</tr>
<tr>
<td>Students (with written verification)</td>
<td>no charge</td>
<td></td>
</tr>
<tr>
<td>Experienced Pre-conference Workshop</td>
<td>$50</td>
<td></td>
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</tbody>
</table>

"Modeling and Simulations in Health Care" Yaneer Bar-Yam PhD

total enclosed: $_________

*(please note that all presenters must pay registration fee)*

Make Checks payable to "UTHSCSA CME" or pay by credit card:

<table>
<thead>
<tr>
<th>Visa</th>
<th>MasterCard</th>
<th>Discover</th>
<th>American Express</th>
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</table>

card number: __________________________

expiration date: ___/___/____ Signature: __________________________

Registrants who enroll by November 19, 2004, will be included in the "List of Attendees" distributed at the conference.

Please send registration form to:

Continuing Medicine Education  
Univ. of Texas Health Science Center  
7703 Floyd Curl Dr., UPL rm 126, MSC 7980  
San Antonio, Texas 78229-3900  
Phone: 210-567-4444 Fax: 210-567-6964  
Email: obarr@uthscsa.edu  
Website: http://cme.uthscsa.edu (click on “Courses”)

Hotel Information: The Menger Hotel  
204 Alamo Plaza  
San Antonio Texas 78205  
Phone: 210-233-4361 Toll-free: 800-345-9285  
Fax: 210-228-0022 Email: almapuente@1859historichotels.com  
Website: http://www.historicmenger.com/  
A block of room will be held until **November 14, 2004**