Eighteenth Annual

Primary Care Research Methods & Statistics Conference

December 5 – 7, 2003
The Menger Hotel
San Antonio, Texas

Conference Theme:
Multidisciplinary Research

Sponsored by:
The Department of Family and 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 project is supported by grant no. R13 HS08775-09 from the Agency for Healthcare Research and Quality
The theme of this year’s conference is “Multidisciplinary Research”.

Plenary Speakers
Lee Goldman MD MPH, Chairman of the Department of Internal Medicine, and Associate Dean for Clinical Affairs at the University of California San Francisco, will discuss “Building a Research Career and a Research Group”.

Karen J. Calfas PhD, director of Project PACE (Patient-centered Assessment and Counseling on Exercise) at San Diego State University, will discuss the broader topic of “Multidisciplinary Research”, based on her years of experience working with internists, family practitioners, and other providers in the primary care setting.

Research Methodology
Several tracks will be presented, including basic quantitative research methods for primary care researchers, Statistics, Use of Geographic Information Systems, and Qualitative Methods.

Dissection of Innovative Studies - “Measuring Continuity of Care”
This conference has always highlighted new and emerging methodologies. In order to further encourage the presentation of innovative methods at the conference, this year’s conference will include a session on “Measuring Continuity of Care.” This workshop will presented by Arch G. Mainous III, PhD, Professor and Director of Research in the Department of Family Medicine at the Medical University of South Carolina. Dr. Mainous will discuss difficulties encountered in defining and measuring “continuity of care”, as well as evidence about whether continuity of care truly affects medical outcomes. He will also discuss the relationship of continuity of care with trust in the physician, and how this may confound or explain outcomes. Finally, he will discuss the role of examining continuity of care issues in the broader context of clinical research in the primary care setting.

Agency for Healthcare Research and 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 and 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 October 24, 2003. Please send Concept Paper proposals to: David A. Katerndahl 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

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.

Pre-conference Workshops
“Linear Differential Equations: Models of Short & Long Term Dynamics Applied to Longitudinal Data”
Steven M. Boker Ph.D
University of Notre Dame
Frequently one is interested in how an individual's behavior or biology self-regulates and how that self-regulation might be coupled with other fluctuating environmental variables. These sorts of questions can be formulated in terms of change in variables and studied through repeated observations of a sample of individuals. A statistical methodology for studying self-regulating systems will be presented that allows repeated measurements to be tested against models from dynamical systems theory.

“Methods Workshop for the Novice Researcher”
John G. Ryan DrPH
Director, Division of Primary Care/Health Services Research and Development
Department of Family Medicine & Community Health, University of Miami
Dr. Ryan will present a workshop designed to help novice researchers identify and develop a research question. The workshop will help participants generate a research hypothesis, evaluate potential study designs, select appropriate study variables, develop a plan of analysis, and plan for communication of research results. Dr. Ryan will also facilitate a series of small-group work sessions, each with a specific goal, to help participants implement the process outlined in the didactic portion of the workshop.
Enrollment is strictly limited to 30 novice participants.
Methodological Think Tank
“Analysis of Verbal, Nonverbal, and Relational Components of Doctor-Patient Communication”

This year’s conference will include a one-day “Think Tank” designed to develop novel approaches for methodologically-difficult research issues facing primary care. This year’s study will be explored over a 1-day period by a content expert and four qualitative and quantitative methodologists. At its completion, the Think Tank will create a study or program of research to address the challenging methodological problem. The Think Tank will report its results to the plenary session Sunday morning, December 7th. The subject for this year’s Think Tank is “Analysis of Verbal, Nonverbal, and Relational Components of Doctor-Patient Communication”, submitted by Naomi L. Lacy PhD and W. David Robinson PhD. Established analytic methods of communication typically focus on the verbal component, neglecting nonverbal and relational information. Thus, existing strategies fail to use all available data, yielding an incomplete picture of the doctor-patient encounter. The Think Tank will attempt to develop a multidimensional strategy to address this issue.

Plenary Speakers
Lee Goldman, MD, MPH
Chair, Department of Medicine and Associate Dean
for Clinical Affairs
University of California, San Francisco

Karen J. Calfas, PhD
Director, Project PACE (Patient-centered Assessment and Counseling on Exercise)
San Diego State University

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 15 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.

Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

The University of Texas Health Science Center at San Antonio, School of Nursing, is an approved provider of continuing nursing education by the Texas Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation. This activity meets Type I criteria for mandatory continuing education requirements toward relicensure as established by the Board of Nurse Examiners for the State of Texas. This conference provides up to 17.6 contact hours. Either optional pre-conference workshop is acceptable for 4.2 contact hours.

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 of $109 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 be guaranteed the special rate.

The block of rooms and rate will be honored until November 17, 2003. Reservations received after this cutoff date will be accepted on the basis of availability, but the conference rate cannot be assured after November 17, 2003.

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. It is imperative to make your reservations early!

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

Registration
The registration fee is $245 if postmarked by November 21, 2003, or $285 after November 21, 2003. Special fees have been established for Fellows at $140/$180 and Residents at $100, with written verification.

All presenters must be registered to attend the conference and pay the 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 21, 2003. 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 project is supported by grant number R13 HS08775-09 from the Agency for Healthcare Research and Quality.
### FRIDAY, DECEMBER 5, 2003

8:30-12:00 **Methods Workshop for the Novice Researcher** - John G. Ryan DrPH  
*Enrollment is strictly limited to 30 novice participants*  
12:00-1:30 Lunch (on your own)  
1:30-1:35 **Welcome** – Carlos R. Jaén MD PhD  
**Opening Remarks** - Steven A. Wartman MD, PhD  
1:35-2:30 **Plenary Session:** Lee Goldman MD MPH, University of California, San Francisco - “Building a Research Career and a Research Group”  
2:30-2:45 **Welcome**  
**Opening Remarks** - Steven A. Wartman MD, PhD  
2:45-4:15 **Managing Research Projects From Conceptualization to Reporting** - Henry Barry MD MS, Mindy Smith MD MS  
**Not all Regressions are Linear or Logistic:**  
- Analysis of Count Data  
- Charity G. Moore MSPH PhD,  
- Janice C. Probst PhD  
4:15-5:00 **Calculating Sample Size for Non-statisticians (or Power Tools for the Do-it-Yourselfer)** - Robert M. Jacobson MD  
**Latent Variable Modeling for Longitudinal Data** - Chin-Pin Wang PhD

### SATURDAY, DECEMBER 6, 2003

7:30-10:00 Registration, Continental Breakfast  
8:00-9:00 **Plenary Session:** Karen J. Calfas PhD, San Diego State University - “Multidisciplinary Research”  
9:00-10:00 **Panel Discussion:** “Multidisciplinary Research” - Lee Goldman MD MPH, Karen J Calfas PhD, Jacqueline A. Pugh MD: moderator, Charles P. Mouton MD MS  
10:00-10:15 Break  
10:15-11:45 **Preparing Data for Analysis: Why the Most Important Part of Your Project Should Not Get the Least Amount of Attention** - William D. Grant EdD  
**Statistics of Studies of Equivalence (or What To Do When You Are Looking for a Sameness Rather Than a Difference)** - Robert M. Jacobson MD  
**Retention of Minority Participants in Clinical Research Studies** - Colleen Keller PhD RN, - Adelia Gonzales MS RN  
**Precisely Identifying Risks and Risk Ratios Using Logistic Models** - Lawrence C. Kleinman MD, MPH  
**Team-Based Qualitative Data Analysis: Making the Most of Your Team** - Douglas H. Fernald MA, - Adelita Gonzales MS RN - Lawrence C. Kleinman MD, MPH  
12:30-1:30 Lunch (provided), Minuet Room  
1:30-2:00 **Plenary Session:** Dissection of Innovative Studies - Measuring Continuity of Care - Arch G. Mainous III PhD  
2:00-2:15 Break  
2:15-3:45 **Developing Survey Items for Needs Assessment** - Christpher B. Reznich PhD, Carole Keele PhD  
**Agency For Healthcare Research & Quality Review Of Concept Papers** - Arch G. Mainous III PhD  
**Collecting Data Over the Internet** - Sylvia J. Hysong PhD  
**Review of Concept Papers - cont’d**  
**Champagne Reception - Renaissance Room**

### SUNDAY, DECEMBER 7, 2003

7:30-9:30 Continental Breakfast  
8:00-9:00 **Academic Panel Discussion:** “HIPAA Compliance & Consent Issues” Deborah L. Conwey, MD; Moderator - David V. Espino MD  
9:00-9:30 **Methodological Think Tank:** “Analysis of Verbal, Nonverbal, and Relational Components of Doctor-Patient Communication” - B Crabtree PhD, D Katerndahl MD  
9:30-9:45 Break  
9:45-12:00  
**Grant Applications: Practical Tips** - Lawrence L. Gabel PhD  
**A Structural Equation Modeling Approach to Measuring Linear and Nonlinear Change Over Time** - Ray Palmer PhD  
**Writing it Up and Getting it Published** - Lynn Meadows PhD
REGISTRATION

Continuing Medical Education  117128-4
Eighteenth Annual
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Name__________________________________________________________

M.E. or License Number __________________________________________

Daytime Phone ___________________________  FAX ___________________

❏ MD    ❏ PhD    ❏ RN    ❏ MS    ❏ Other _______________________

Address ________________________________________________________

City, State, Zip __________________________________________________

Area(s) of Research Interest _______________________________________

E-mail Address: _________________________________________________

Indicate your level of research experience:

❏ Novice      ❏ Intermediate Level      ❏ Experienced

❏ Check here if registering for “Methods Workshop for Novice Primary
Care Researcher” (Enrollment limited to 30 novice participants)

❏ Check here if registering for “Linear Differential Equations: Models of Short
and Long Term Dynamics Applied to Longitudinal Data”-Steven M. Boker, PhD

     Experienced workshop ($50 additional fee)

Please identify yourself:  (check one only)

❏ Faculty      ❏ Fellow      ❏ Resident      ❏ Clinical Faculty

❏ Practicing Physician      ❏ Student      ❏ Other _______________________

Specialty: _______________________________________________________

Ethnicity (Required by AHRQ):  ❏ Hispanic      ❏ Non-Hispanic White

❏ African American      ❏ Asian American      ❏ Other

❏ Check here if you have special requirements. (You will be contacted
by a CME staff member to see how we can assist you.)
How did you learn of the conference?

- Brochure
- Internet/Website
- Other

Please indicate the national organization(s) of which you are a member.

- STFM
- Ambulatory Pediatric Association
- NAPCRG
- American Medical Informatics Association
- SGIM
- National Council of Nurse Researchers
- Other

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Total Enclosed $__________________

(Please note that all presenters must pay registration fee.)

Make checks payable to “UTHSCSA CME” or pay by credit card:

- VISA
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Card Number ___________________________ Signature ___________________________

Expiration Date_________________________

Registrants enrolled by November 21, 2003, will be included in the “List of Attendees” distributed at the conference!!

Mail Registration Form To:  Hotel Information:
Continuing Medical Education – msc 7980  The Menger Hotel
The University of Texas Health Science Center  204 Alamo Plaza
at San Antonio (or: UTHSCSA)  San Antonio, Texas 78205
7703 Floyd Curl Drive  (210) 223-4361
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(210) 567-4446 or Fax: (210) 567-6964  $105 Single or Double
EIGHTEENTH ANNUAL
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Mark your calendar today!

DECEMBER 2003

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