Policy, Science, and Resources for Comparative Effectiveness Research: A Symposium

January 10, 2012
UCSF Laurel Heights Conference Center
3333 California St, San Francisco

Sponsored by the UCSF Clinical and Translational Science Institute and by

California Pacific Medical Center Research Institute
HSR&D Center of Excellence / Center for Health Care Evaluation, VA Palo Alto Health Care System
HSR&D REAP, San Francisco VA Medical Center
Kaiser Permanente Division of Research
Palo Alto Medical Foundation Research Institute
Philip R. Lee Institute for Health Policy Studies
San Francisco Coordinating Center
San Francisco Branch of the U.S. Cochrane Collaborative
Stanford University Center for Health Policy /Center for Primary Care & Outcomes Research
UC Berkeley School of Public Health

This packet contains:

- Program committee
- Brief descriptions of partner institutions
Program Committee

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Executive Director, Center for Health Policy / Center for Primary Care and Outcomes Research
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CPMC Research Institute
Comparative Effectiveness Research at UCSF

The UCSF Clinical and Translational Science Institute is committed to fostering comparative effectiveness research at UCSF. Resources for comparative effectiveness research (and other types of research) available through the CTSI include:

- Sponsoring symposia (including today’s meeting)
- CER listserv (to sign up, email ctsi@ucsf.edu)
- Resources page for intramural and extramural resources
- Facilitating collaborations and discussion around program announcements and other funding opportunities
- Expert consultation through CTSI’s Consultation Services program
- Assistance with subject identification and recruitment through CTSI’s Participant Recruitment Service
- Identifying potential collaborators through UCSF Profiles
- Large database analysis through the Comparative Effectiveness Large Dataset Analysis Core (CELDAC)
- Coursework through the UCSF Department of Epidemiology and Biostatistics
- Results of a CER needs assessment at UCSF
- Coordination with national consortium of CTSAs involved with CER
- And more...

See [http://accelerate.ucsf.edu/research/cer](http://accelerate.ucsf.edu/research/cer)
Active partnership between clinician and researchers

We are proud of our research programs and what they do for the medical community. When associated with a research program, physicians have knowledge and access to more effective treatments and diagnostic technologies.

Research Projects

› Read reports of current research in our California Pacific Currents annual publication. 2010 Currents is now available.
› Research Institute Lecture Series

Latest News

Stay abreast of our latest research findings

› Bisphenol-A causes Normal Breast Cells to act like Cancer (09-12-11)
› Sleep Apnea Linked To Increased Risk Of Dementia In Elderly Women
  8/12/2011

Longevity Consortium seeks to unravel the secrets of healthy aging

Founded with a grant from the National Institute on Aging, the Longevity Consortium at the California Pacific Medical Center Research Institute’s Coordinating Center is studying a worldwide cohort of roughly 6,000 people, all over 100 years old, to identify and test the function of gene variations that contribute to human aging and longevity.

California Pacific Medical Center Research Institute

P.O. Box 7999, San Francisco, Ca 94120
415-600-1600
Welcome to the Center for Health Care Evaluation (CHCE)

CHCE's mission is to conduct and disseminate health services research that results in more effective and cost-effective care for veterans and for the nation's population as a whole. CHCE is an applied health services research center composed of experts trained in health services, health economics, epidemiology, public health, evaluation research, social psychology, medical sociology, and biostatistics. The Center has primary affiliations with the Department of Veterans Affairs (VA) Health Care System and with Stanford University.
Overview
The Interdisciplinary Program to Improve Healthcare for Veterans with Complex Comorbid Conditions at the San Francisco Veterans Affairs Medical Center is a Veterans Health Administration (VHA) Health Services Research & Development (HSR&D) initiative that aims to increase health services research capacity at San Francisco and to impact Veterans’ healthcare on a national scale. Funded in April 2002, the program enhances productivity by providing direct research support and encouraging collaboration across a variety of Veterans’ health services and VHA medical centers.

Leadership
SARA KNIGHT, PhD, Director
KAREN SEAL, MD, and LOUISE WALTER, MD, Associate Directors
MICHAEL SHLIPAK, MD, and MICHAEL STEINMAN, MD, Co-Directors
KEELAN MCCLYMONT, Program Support Assistant

What the San Francisco HSR&D Program does
The San Francisco HSR&D program supports a multidisciplinary group of investigators who do work on a variety of research topics broadly related to improving the healthcare quality and outcomes for Veterans cared for in the VHA. Investigators represent diverse disciplines including psychology, nursing, general internal medicine, geriatrics, cardiology, anesthesiology, gastroenterology, urology, and dermatology.

The program provides methodological and administrative support to HSR&D-funded investigators. Several consultative services are available including research design, quantitative analysis, qualitative and mixed methods, measure development, and grant writing. The program organizes Health Services Research seminars, assists with the preparation and submission of grant applications and progress reports, and manages space and server support for investigators.

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Sara.Knight@va.gov

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The Kaiser Permanente, Northern California Division of Research

The Kaiser Permanente, Northern California (KPNC) Division of Research (DOR) was established in 1962 to support the conduct of important public-domain research having a meaningful impact on the quality and length of patients’ lives. The Division currently has more than 50 active researchers and an annual research budget exceeding $90 million. DOR investigators conduct a wide range of epidemiologic, health services, and clinical research, with active programs in cancer, cardiovascular diseases, diabetes, infectious diseases, chemical dependency, and patient safety, among many others. The DOR is also home to the Research Program in Genes, Environment, and Health (RPGEH), an ambitious program with the goal of providing a rich source of genetic data for a wide range of studies. The target of the Program is to collect full genetic data on 500,000 KPNC members (currently, the database includes 110,000 volunteer KPNC members, fully genotyped and including telomere length).

Fully integrated into the Kaiser Permanente Health Plan serving 3.2 million members, the DOR is well positioned to function as a unique laboratory for translational research. DOR researchers utilize all clinical and administrative KPNC databases, including inpatient and outpatient diagnoses, laboratory results, radiologic imaging, pathology, and pharmacy data. Since the institution of a fully electronic medical record, greater detail of members' medical history are now available, enabling more detailed study of important clinical and health-services questions.

DOR researchers collaborate with a large number of colleagues in academic and non-academic settings. Investigators interested in collaborating with the DOR are advised to contact the DOR's Comprehensive Clinical Research Unit (CCRU), which provides a first-point-of-contact for potential collaborators. The CCRU has established an online portal for gathering key information from potential collaborators and assists them in identifying appropriate scientific colleagues with shared interests.

The PAMF Research Institute (PAMFRI) was created in 1950 as a center for basic and clinical research affiliated with a medical group practice. It now focuses on health services, health policy and clinical research, examining how health care is delivered, how to manage costs and how to improve quality. PAMFRI has 9 full-time MD or PhD faculty, 2 PI-eligible professional researchers and its own post-doctoral fellows.

PAMFRI has formal research partnerships with Stanford and UCSF through their Clinical and Translation Science Awards. It belongs to the HMO Research Network and the Practice-Based Research Network. PAMFRI activities are supported by external grants, PAMF budget allocations, its endowment and ongoing gifts.

Research Foci at PAMFRI—Departments and Illustrative Projects

**Clinical Research:** Clinical trials and practice-based observational studies. PAMF clinician-initiated and collaborative studies.

- A Phase 3, Randomized, Double Blind, Placebo-Controlled, Multicenter Study of the Retreatment with Rituximab in Subjects with Rheumatoid Arthritis Receiving Background Methotrexate. Sponsor: Genentech, Inc. PI: D. Fischer, MD
- BMI²: Brief Motivational Interviewing to Reduce Child BMI. Sponsor: Pediatric Research in Office Settings Network, American Academy of Pediatric. PI: P. Ison, MD

**Health Policy Research:** Investigator-initiated studies of quality, costs and risk factors; primarily using non-experimental designs.

- Primary Care Transformation in a NCQA Certified Patient-Centered Medical Home. Sponsor: AHRQ. PI: M. Tai-Seale, PhD, MPH
- Identifying Disparities in Type 2 Diabetes Among Asian Americans: The Pan Asian Cohort Study. Sponsor: NIDDK. PI: L. Palaniappan, MD

**Health Services Research:** Investigator-initiated behavioral/interventional studies; primarily using experimental designs.

- Evaluation of Lifestyle Interventions to Treat Elevated Cardiometabolic Risk in Primary Care (E-LITE): A Randomized Controlled Trial. Sponsor: NIDDK. PI: J. Ma, MD, PhD
- The Breathe Easier through Weight Loss Lifestyle (BE WELL) Intervention: A Randomized Controlled Trial. Sponsor: NHLBI. PI: J. Ma, MD, PhD
- Incorporating Shared Decision-Making Into Primary Care in a Preferred Provider Organization Model. Sponsor: FIMDM. PI: D. Frosch, PhD
Need Data?

The Comparative Effectiveness Large Dataset Analysis Core (CELDAC) has developed resources to help UCSF faculty and trainees use large public data sets for comparative effectiveness or other translational research.

• **Searchable online datasets inventory** with information on more than 80 national, state, and local datasets on a wide variety of health and health care topics. Entries include summary descriptions as well as information on acquisition. (inventory: [ctsi.ucsf.edu/research/celdac](http://ctsi.ucsf.edu/research/celdac))

• **Repository of large datasets** is available to UCSF researchers at no cost in a secure remote data environment with a simple application process. Includes national and state data on hospital discharges and emergency department visits from the Healthcare Cost and Utilization Project, American Hospital Association Annual Survey on hospital characteristics, and the Area Resource File, a compendium of data on physician supply, demographics, and socio-economic characteristics. (list of datasets: [http://accelerate.ucsf.edu/research/large-datasets](http://accelerate.ucsf.edu/research/large-datasets))

• **Consultation services** are available to help with any stage of research using large datasets, from study design and conceptualization through dataset selection and programming. (consultation services: [http://ctsi.ucsf.edu/consult](http://ctsi.ucsf.edu/consult))

If you would like to know more or have questions about CELDAC’s tools and services, please contact Claire Will ([claire.will@ucsf.edu](mailto:claire.will@ucsf.edu), [celdac@ucsf.edu](mailto:celdac@ucsf.edu), 415-476-6009).

CELDAC is a collaboration between the Philip R. Lee Institute for Health Policy Studies, the UCSF Clinical and Translational Science Institute, and Academic Research Systems.
Coordinates and manages multicenter studies

- 30 years experience with over 12 major prospective longitudinal studies and clinical trials
- From large (10,000) to smaller (100) studies
- Wide range of subjects: aging, CVD, sleep, neonatal ICU, kidney stones...
- Full range of services: study design, forms, project direction, data management, endpoint adjudication, image management, web data access, Data Safety Management Board (DSMBs), data analysis
- NIH and industry sponsored trials
- For studies to use the SFCC, we provide relevant sections of grant proposals

Offers large databases and biobanks for comparative effectiveness (and other) research

- 10 longitudinal studies including >3,000 adults; most followed for ≥5 years, some for 20 years
- Medical and medication histories in most studies
- Extensive baseline measurements of health, function, body composition and other characteristics in most of the studies
- Prospective outcomes including cause-specific mortality, medical events (CVD, dementia, fractures, cancers...)
- Medicare linkages for several studies
- Blood (serum, DNA) on all participants in almost all studies
- 1 million SNP GWAS available in 3 longitudinal studies with 3-6,000 people in each.
- Imaging (MRI, CT, BMD, x-rays)

How to use SFCC services

Contact Chantelle Thomas at (415) 600-7432 or cthomas@sfcc-cpmc.net to inquire about our services, obtain descriptions of our studies or instructions for ancillary studies and analysis plans.
The Cochrane Collaboration is an international network of individuals and institutions committed to preparing, maintaining, and disseminating systematic reviews of the effects of health care. More information about the United States Cochrane Center and The Cochrane Collaboration can be found at: http://www.cochrane.us/

The San Francisco Cochrane Center was opened and registered with the Cochrane Collaboration in January 1995. In 2002, the Cochrane Collaboration established a policy of having a single center per country and the San Francisco Cochrane Center merged with the Baltimore Cochrane Center to become the United States Cochrane Center (USCC). The central office of the USCC is based at the Johns Hopkins Bloomberg School of Public Health in Baltimore and the San Francisco Branch is based at the Department of Clinical Pharmacy, University of California, San Francisco.

Mission Statement

The overall mission of the San Francisco Branch of the United States Cochrane Center is to further the Collaboration's goal of making widely available high quality systematic reviews of the effects of healthcare interventions.

Objectives

The two offices of the USCC share many tasks, including:

1. Supporting Cochrane entities with a coordinating base in the US or one of the countries serviced by the Center. These include:
   Review Groups
Stanford Health Policy (CHP/PCOR) & Evidence-based Practice Center

RAND/ Southern California Evidence-Based Practice Center is part of the Evidence-Based Practice Program sponsored by the Agency for Healthcare Research and Quality. The EPC combines the talents of RAND and its four affiliated institutions:

- University of California, Los Angeles
- University of California, San Francisco/Stanford
- University of Southern California
- Children’s Hospital Los Angeles

Sample of UCSF & Stanford EPC Publications prior to working with RAND:

- Closing the Quality Gap: A Critical Analysis of Quality Improvement Strategies, Vol. 7: Care Coordination


- Closing the Quality Gap: A Critical Analysis of Quality Improvement Strategies, Vol. 5: Asthma


- Effects of Quality Improvement Strategies for Type 2 Diabetes on Glycemic Control - A Meta-Regression Analysis

- Challenges in Systematic Reviews: Synthesis of Topics Related to the Delivery, Organization, and Financing of Health Care
  - Dana M. Gravitz, Kathryn M. McDonald, KG Shojania, Vandana Sundaram, Douglas K. Owens

EPC Comparative Effectiveness Review Highlighted on CHP/PCOR Web Site:

- Coronary Artery Bypass Surgery Compared with Percutaneous Coronary Interventions for Multivessel Disease: A Collaborative Analysis of Individual Patient Data from Ten Randomised Trials
  - The Lancet, Vol. 368, pages 1693-1702

Further information:

- Douglas K. Owens, Director, CHP/PCOR; Mark Hlatky, CHP/PCOR Faculty Fellow;
- Kathryn McDonald, Executive Director (Kathy.mcdonald@stanford.edu)
Welcome to HSPA!
Best wishes for a warm and wonderful holiday.

Admission 2011 – the deadline to submit was December 2nd. Applications will be reviewed beginning in late January.
Applications for Admission in Fall 2013 will be available in September ‘12 and the deadline to submit will be December 1, 2012.

Health Services Research Colloquium
The Spring Colloquium series begins on Tuesday, January 17, 2012. A schedule of speakers will be posted later. The fall colloquium featured the following speakers: Lawrence Palinkas, Toby Douglas, Stephen Taplin, and Gail Wilensky.

Congratulations to our advanced students who received grants for dissertation research:
- Sahai Burrowes – Mentored Research Grant (campus fellowship)
- Ilana Graetz – Agency for Healthcare Research & Quality (AHRQ) Fellowship
- Sarah Jane Holcombe – Society of Family Planning (SFP) Grant
- Peter Martelli – Gordon & Betty Moore Foundation via BEACON Collaborative
- Megan Vanneman – California Program on Access to Care (CPAC) Award

Carrie Colla, PhD ’10 received an Honorable Mention Dissertation award at the past AcademyHealth Annual Research meeting for her study: Effects of the San Francisco Employer Health Spending Mandate.

HSPA PhD Program is Ranked among the Nation’s Best
Health Services and Policy Analysis continues to be one of the top-ranked doctoral programs in the nation. The National Research Council (NRC) released their findings on September 28th from surveys taken in 1995. The press release from Graduate Division has more details.