

UC DAVIS HEALTH INFORMATICS PROGRAM

4TH ANNUAL CONFERENCE

The Integration of Care: Innovations and Informatics

Friday, February 19, 2010

HILTON SACRAMENTO
Arden West
Sacramento, CA

KEYNOTE SPEAKERS:

George D. Lundberg, MD

*President and Chair, The Lundberg Institute
Consulting Professor of Pathology
and Health Research Policy
Stanford University, Palo Alto, California*

***Innovations in Internet Education
and Publishing***

Michael N. Minear

*Chief Information Officer
UC Davis Health System
Sacramento, California*

***The Promise of Clinical Interoperability:
A Status Report***

Sponsored by:

UC DAVIS
HEALTH SYSTEM

Office of Continuing Medical Education
and the
UC Davis Health Informatics Program

www.healthinformatics.ucdavis.edu



Faculty

UC DAVIS COURSE CHAIR

Peter M. Yellowlees, MBBS, MD

Professor of Psychiatry
Director, Health Informatics Graduate Program

GUEST FACULTY

Yan Chow, MD, MBA

Director, Innovation &
Advanced Technology Group
Information Technology
Kaiser Permanente
Pleasanton, California

George D. Lundberg, MD

President and Chair, The Lundberg Institute
Consulting Professor of Pathology and
Health Research Policy
Stanford University
Palo Alto, California

Linette T. Scott, MD, MPH

Deputy Director
Health Information and Strategic Planning
California Department of Public Health
Sacramento, California

Sanjeev Tandon, MBBS, MD, MS

Public Health Informatics Fellow
National Center for Public Health Informatics
Division of Integrated Disease
Surveillance Systems & Services
Centers for Disease Control and Prevention
Atlanta, Georgia

Albert “Skip” Rizzo, PhD

University of Southern California
Associate Director, Institute for
Creative Technologies
Research Professor, Department of
Psychiatry and School of Gerontology
Los Angeles, California

UC DAVIS FACULTY

Mark J. Carroll, MPH

Assistant Director, Health Informatics
Graduate Program

Este M. Geraghty, MD, MS, MPH/CPH, FACP

Assistant Professor of Clinical Internal Medicine

Michael A. Hogarth, MD

Professor, Pathology and Laboratory Medicine
Professor, Internal Medicine

Michael N. Minear

Chief Information Officer

Claire Pomeroy, MD, MBA

Vice Chancellor, Human Health Services
Dean, School of Medicine

Albert “Bill” Riedl

Masters Student

Enrique J. Lavernia, PhD

Distinguished Professor
Provost & Executive Vice Chancellor

PLANNING COMMITTEE

Mark J. Carroll, MPH

Michael A. Hogarth, MD

Thelma Kay-Weiss, Northern HIMSS

Peter M. Yellowlees, MBBS, MD

CONFERENCE COORDINATORS

Juliane Crowley

Office of Continuing Medical Education
UC Davis Health System

Cheryl Nelson

Office of Continuing Medical Education
UC Davis Health System

Friday, February 19, 2010

- 7:00 am** Registration, Continental Breakfast, Visit Exhibits
- 8:00** **Welcome and Course Objectives**
Peter M. Yellowlees, MBBS, MD
- 8:05** **Welcome and Introductory Comments from the Health System Perspective**
Claire Pomeroy, MD, MBA
- 8:15** **Welcome and Context Setting from the University Perspective**
Enrique J. Lavernia, PhD
- 8:25** **Keynote Lecture**
Innovations in Internet Education and Publishing
George D. Lundberg, MD
- 9:30** **Q & A**
- 9:40** **UC Davis Health Informatics Minute**
Peter M. Yellowlees, MBBS, MD
- 9:45** **Public Health and the Integration of Care**
Linette T. Scott, MD, MPH
- 10:15** **Q & A**
- 10:25** **UC Davis Health Informatics Minute**
Mark J. Carroll, MPH
- 10:30** Refreshment Break, Visit Exhibits
- 11:00** **Keynote Lecture**
The Promise of Clinical Interoperability: A Status Report
Michael N. Minear
- 11:50** **Q & A**
- 12:00 pm** **UC Davis Health Informatics Minute**
Michael A. Hogarth, MD
- 12:05** **Public Health Informatics at the Centers for Disease Control**
Sanjeev Tandon, MBBS, MD, MS
- 12:30** Lunch, included in tuition

4TH ANNUAL HEALTH INFORMATICS

- 1:45** **Clinical Virtual Reality: A Brief Review of the Future**
Albert “Skip” Rizzo, PhD
- 2:15** **Q & A**
- 2:25** **Health Informatics Masters Student Presentation**
Albert “Bill” Riedl
- 2:35** **UC Davis Health Informatics Minute**
Este M. Geraghty, MD, MPH, MS
- 2:40** **Innovation at Kaiser Permanente**
Yan Chow, MD, MBA
- 3:15** **Closing Remarks**
Peter M. Yellowlees, MBBS, MD
- 3:30** **Adjourn**
Turn in evaluations and pick up certificate of attendance.

Have a safe journey home!

UC Davis Health System CME Mission

In concert with the University of California, Davis Health System mission of discovering and sharing knowledge to advance health, the continuing medical education mission focuses on the lifelong learning commitments of physicians who practice in the health system and in the greater Northern California region. UC Davis CME is at the nexus between scientific discovery and its translation to practice with a commitment to provide a variety of educational formats for evidence-based education that fulfills identified needs and produces changes in physician practice resulting in improved competence, performance and/or patient care. With an emphasis on multidisciplinary programs, content is based on competencies and bona fide needs assessments as well as clinical requirements. The CME Advisory Committee reviews the content and quality of CME offerings in accordance with the Accreditation Council for Continuing Medical Education's Essential Areas and Their Elements and the American Medical Association's Physician Recognition Award accredited provider information.

In accordance with applicable State and Federal laws and University policy, the University of California does not discriminate in any of its policies, procedures, or practices on the basis of race, color, national origin, religion, sex, sexual orientation, handicap, age, veterans status, medical condition (cancer-related), ancestry, or marital status as defined in Section 12926 of the California Government Code; nor does the University discriminate on the basis of citizenship, within the limits imposed by law or University policy. In conformance with the applicable law and University policy, the University of California is an affirmative action/equal opportunity employer. Inquiries regarding the University's equal opportunity policies may be directed to the Vice Chancellor of Academic Affairs-Affirmative Action Officer and Title IX Coordinator at University of California, Davis, 525 Mrak Hall, Davis, CA 95616.

Needs Assessment

This course is designed to change physician competence in health informatics through exposure to applications and new approaches in the clinical, public health, and educational environments. These options will enable learners to visualize the benefits of such platforms and processes and understand how they will be able to use them in their practice. They will be better prepared to implement these technologies into their own practice environments, whether it's now (electronic health record, decision support, or telemedicine) or in the future (emergency response patient tracking, public health biosurveillance systems).

As national health reform moves forward, the role of health information and communications technology will greatly expand. In order for such reform to be truly effective, there is a need for significant investment in research, education, and training in the field of health informatics, as there are growing demands for well qualified, trained healthcare and informatics professionals and for improved capacity to undertake informatics research in many areas of healthcare. The focus on interoperability of systems is a national priority and of great importance to California from clinical, public health, and educational perspectives.

As a result of course participant evaluations and community physician annual needs assessment surveys, the need for cutting edge information about health informatics has been identified. This year's conference will specifically address these identified educational needs related to appropriate health information technologies to assist the health care professional in providing up-to-the-minute and effective treatment, and online education. Participants will learn about the latest techniques and tools to create interoperable systems for population management, predictive modeling, emergency preparedness and response, and individual patient care. There will be a focus on using IT platforms for the coordination of continuous care as well as for disease prevention, wellness, and health lifestyle improvements. The course will encourage providers to utilize many varied platforms and approaches in their daily activities for patient care as well as for research and population care. Faculty presenting and interacting with participants at this activity have been selected on the basis of their comprehensive clinical experience and academic excellence, as well as for their demonstrated interest and expertise in innovation.

This knowledge-based course will benefit other members of the interdisciplinary health care team including nurses, pharmacists, technologists, and others whose scope of practice is related to health informatics.

Educational Objectives

At the end of the program, participants should be able to:

- Describe how multiple technologies and approaches may be blended to create a synergistic approach to transform and improve patient care
- Discuss innovative online approaches to publishing and continuing medical education
- Be aware of the potential for virtual reality programs to be used for both treatment and patient and provider education
- State the importance of interoperability of clinical systems throughout California, and the opportunity that is currently available to improve health information exchange statewide
- Be aware of the importance of simulation and the creation of models of innovative care to explore the best modes of future clinical practice
- Discuss how public health and clinical data needs to be used in combination to both prevent illness, and to improve research opportunities

Accreditation



The University of California, Davis Health System is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION

Physician Credit: The University of California, Davis Health System designates this educational activity for a **maximum of 5.75 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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

AMA PRA Category 1 Credits™ acceptable for multidisciplinary team members

Nurse: For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA Category 1 Credits™* issued by organizations accredited by the ACCME. For the purpose of relicensure, the California Board of Registered Nursing accepts *AMA PRA Category 1 Credits™* (report a maximum of 5.75 hours of credit and fill in "CME Category 1" for the provider number).

Physician Assistant: The National Commission on Certification of Physician Assistants (NCCPA) states that *AMA PRA Category 1 Credits™* are acceptable for continuing medical education requirements for recertification.

Psychologist: This educational activity is recognized by the California Board of Psychology as meeting the continuing education requirements toward license renewal for California psychologists (self reporting required).

Veterinarian: DVM in California are authorized by the California Veterinary Medicine Board to claim *AMA PRA Category 1 Credits™* from CME providers accredited by the ACCME.

ADDITIONAL CREDIT DESIGNATION

Pharmacist: The University of California, Davis Health System is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. ACPE Universal Program Number 0277-0000-10-144-L01-P has been assigned to this activity. This knowledge-based activity provides **5.75 contact hours** (0.575 CEUs) of continuing education credit. To obtain credit, pharmacists must attend and actively participate in all sessions and complete the course evaluation at the end of the activity.



CALIFORNIA AB 1195

With the passage of California Assembly Bill 1195, signed November 2005, continuing medical education courses with patient care components are required to include curricula in the subject of cultural and linguistic competency. It is the intent of the bill, which went into effect on July 1, 2006, to encourage physicians and surgeons, CME providers in the state of California, and the Accreditation Council for Continuing Medical Education to meet the cultural and linguistic concerns of a diverse patient population through appropriate professional development. The planners, speakers, and authors of this CME activity have been encouraged to address issues relevant in their topic area. In addition, a variety of resources are available to address cultural and

linguistic competency, some of which will be included in the syllabus or handout materials. Additional resources and information about CA AB 1195 can be found on our website at <http://cme.ucdavis.edu>.

Enrollment

Please register early – space is limited.

Tuition is \$175. **Confirmation of registration will be sent within two weeks after receipt of enrollment form.** The fee will increase after **January 29, 2010**.

Tuition includes continental breakfast, refreshment breaks, lunch, syllabus, and a certificate of attendance. Tuition may be paid by check, American Express, Discover, MasterCard or VISA. Cash is not accepted. UC Davis Health System and UC Davis School of Medicine volunteer faculty, alumni, faculty, and staff are eligible for tuition discounts. See enrollment form for details. Refunds must be requested by **January 29, 2010** and will be subject to a \$25 service charge. Program materials cannot be guaranteed unless enrollment is received by **January 29, 2010**. The Office of Continuing Medical Education reserves the right to cancel this program. In such a case, a full refund will be given.

Registration forms received without payments will not be processed until payment is received, and payment must follow within 10 days. Early discount rates are honored if payment is received by the date noted on the enrollment form. After that date, the late fee is applied.

On-site Fees: At door registrations will be charged at a higher rate. Please see enrollment form for details.

Disclosure of Relevant Financial Relationships

As a provider accredited by the Accreditation Council for Continuing Medical Education, the University of California, Davis Health System Office of Continuing Medical Education must ensure balance, independence, and objectivity in all CME activities to promote improvements in health care and not proprietary interests of a commercial interest. The provider controls all decisions related to identification of CME needs, determination of educational objectives, selection and presentation of content, selection of all persons and organizations that will be in a position to control the content, selection of educational methods, and evaluation of the activity. Course directors, planning committee members, presenters, authors, moderators, panel members, and others in a position to control the content of this activity are required to disclose relevant financial relationships with commercial interests related to the subject matter of this educational activity. Learners are able to assess the potential for commercial bias in information when complete disclosure, resolution of conflicts of interest, and acknowledgment of commercial support are provided prior to the activity. Informed learners are the final safeguards in assuring that a CME activity is independent from commercial support. We believe this mechanism contributes to the transparency and accountability of CME.

Brochure Art Credit

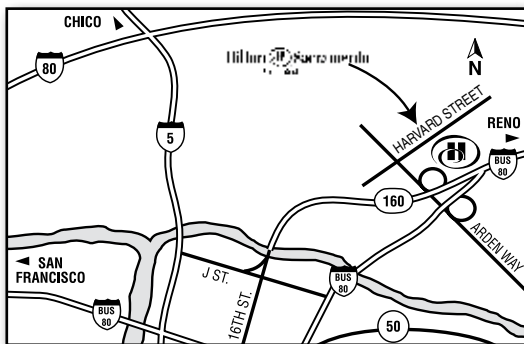
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Location

Hilton Sacramento

Arden West

2200 Harvard Street
Sacramento, CA 95815
(916) 922-4700



The hotel is 12 miles from the Sacramento International Airport. Complimentary parking is available at the Sacramento Hilton Arden West. Fine dining, shopping and entertainment venues are conveniently located within easy driving distance.

Reservations may be made by calling the Hilton at (916) 922-4700 locally or (800) 445-8667 toll free. We do not have a room block for group rates.

Visit the Sacramento Convention and Visitors Bureau web site for information about the area: <http://www.sacramentocvb.org>.

Please consider layered clothing as temperature conditions may vary in the meeting room. If you have any special needs due to a disability as specified in the Americans with Disabilities Act, please call the Office of Continuing Medical Education at (916) 734-5390 so we may make the necessary accommodations for you.

United Airlines: Please call United Airlines at (800) 521-4041 between 7:00 am & 12:00 am ET, to take advantage of this conference's discounts by mentioning **account code #552QB**. Discounts include 5% off the lowest, unrestricted coach fare (some restrictions apply) when you travel to the meeting site (mileage plus applies). United specialists will explain any restrictions and make reservations for you. If you purchase from a local agent, be sure the agent calls the 800 number and uses the account code. Fares are guaranteed at the time of ticket purchase.

Ground Transportation

Hertz Car Rental (800) 654-2240 Group Code CV#04H70001
National Car Rental (800) CAR-RENT Group Code ID#5282865
Shuttle Service (800) BLUE VAN <http://www.supershuttle.com>

For Further Information

UC Davis Health System
Office of Continuing Medical Education
3560 Business Drive, Suite 130
Sacramento, CA 95820-2161



1-866-CME4EDU (263-4338)
(916) 734-5390
Fax (916) 734-0742
<http://cme.ucdavis.edu>

Enrollment Application

4th Annual Health Informatics Conference

(Please Print)February 19, 2010

First Name

MI

Last Name

☐ MD

☐ DO

☐ PharmD

☐ RPh

☐ PA

☐ NP

☐ RN

☐ Psychologist

☐ Other

Institution/Employer (as you would like it to appear on your badge)

Profession / Occupation

Address (where you would like your receipt mailed)

City

State

Zip Code

()

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Day Phone

Fax Number

E-mail

Physician information required for CME credit and name badge. Please indicate primary medical specialty:

☐ FP

☐ GP

☐ IM

☐ Other (specify)

Social Security Number

(last 4 digits required for transcript purposes)

X

X

X

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X

X

—

Please copy the mail code from the address side of the brochure
(above your name, e.g. PPMI, MMSMI, CRDMI)

If you did not receive a brochure in the mail, how did you hear about this conference?
(Example: PT&MG, UCD website, web search, magazine, friend)?

Have you attended this conference in the past? ☐ Yes ☐ No

REGISTRATION FEES <i>(Receipt/Confirmation will be mailed within two weeks)</i>					
	Early Discount	After Jan. 29	On Site		
Community Participants	<input type="checkbox"/> \$175	<input type="checkbox"/> \$200	<input type="checkbox"/> \$225		
UC DAVIS AFFILIATE FEES (please specify)					
	Faculty	Volunteer Faculty	Alumni	Staff	PCN
	Early Discount	After Jan. 29	On Site		
UC Davis Participants	<input type="checkbox"/> \$140	<input type="checkbox"/> \$160	<input type="checkbox"/> \$185		
7-Digit UC Davis Recharge Acct.#		Authorized Signature & Phone Number		Department	

☐ Send Sacramento lodging information

☐ If you need disability accommodations to attend the meeting, please let us know by January 29, 2010, and our representative will contact you.

Please note special dietary/allergy requirements

Please check your payment method.
Registration forms received without check, credit card number or purchase order number will not be processed until payment is received.

☐ Check enclosed payable to: UC Regents

☐ AMEX

☐ Discover

☐ MasterCard

☐ VISA

Account Number

Expiration Date


Authorized Signature (name on card)


Security Code

Please use ONE of these methods to register: (DO NOT mail if previously faxed or telephoned)

 Mail application and payment to **Office of Continuing Medical Education, c/o UC Davis Cashier's Office,**
PO Box 989062, West Sacramento, CA 95798-062

For office use only

 Telephone: (916) 734-5390

 Fax: (916) 734-0742

MEDIF10

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REGISTER ON LINE AT: <http://cme.ucdavis.edu/conferences>



UCDAVIS
HEALTH SYSTEM

University of California, Davis
Office of Continuing Medical Education
3560 Business Drive, Suite 130
Sacramento, CA 95820-2161

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*The Integration of Care:
Innovation and Informatics*

Friday, February 19, 2010

Hilton  **Sacramento**
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HIGHLIGHTS:

- Innovative online approaches to publishing and continuing medical education
- Importance of interoperability of clinical systems throughout CA, and the opportunity that is currently available to improve health information exchange statewide
- How public health and clinical data need to be used in combination
- Blending multiple technologies and approaches to create a synergistic approach to transform and improve patient care

This program is self-supporting and receives no state funding.

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*If you cannot attend...
please give this brochure to a colleague!*
DATED MATERIAL