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

Welcome Message
Chancellor Katehi

Sponsored by:
UC DAVIS HEALTH SYSTEM
Office of Continuing Medical Education
and
UC Davis Health Informatics
Graduate Program
Faculty

COURSE CHAIR
Peter Yellowlees, MBBS, MD
Professor of Psychiatry
Director, Health Informatics Graduate Program
UC Davis Health System

GUEST FACULTY
Donald Jones
Vice President
Qualcomm Health
Global Strategy and Market

Jeff Jorgenson
Assistant Director, IT Systems
Dean’s ISU
UC San Francisco School of Medicine

Steve Steffensen, MD
Chief Medical Information Officer
TATRC - Telemedicine and Advanced Technology Research Center

Deepak Shretha, MS, DDS
Teledentistry in Nepal

Larry Suarez
Programmer
Dean’s ISU
UC San Francisco School of Medicine

UC DAVIS FACULTY
Aaron E. Bair, MD, MSc
Associate Professor
Director of EM Disaster Preparedness and Simulation Training
Medical Director,
Center for Virtual Care

Edwin R. Bean
Programmer
Pathology and Lab Medicine

Mark J. Carroll, MPH
Assistant Director, Health Informatics Graduate Program

Estella M. Geraghty, MD, MS, MPH/CPH, FACP
Assistant Professor of Clinical Internal Medicine

Alberto Odor, MD
Associate Adjunct Professor
Anesthesiology and Pain Medicine

Sean Peisert, PhD
Assistant Adjunct Professor
Department of Computer Science
UC Davis Health System
and Research Scientist
Computational Research Division
Lawrence Berkeley National Laboratory

Linda P.B. Katehi
UC Davis Chancellor

CONFERENCE COORDINATOR
Larry Jacinth
CME Specialist
Office of Continuing Medical Education
UC Davis Health System
7:30 am  Registration, continental breakfast, visit exhibits

8:30  Welcome and Course Objectives
  Director, Peter Yellowlees, MBBS, MD

8:40  Welcome Message
  Chancellor Linda P.B. Katehi

9:00  Keynote Lecture: Mobile Health Research and Development Within the Department of Defense
  Steve Steffensen, MD

9:40  Q & A

9:50  UC Davis Health Informatics Minute: GIS on the Move
  Estella Geraghty, MD

10:00  Q & A

10:05  Trial and Error: The Development of a Medical Application for the iPhone
  Aaron Bair, MD

10:25  Q & A

10:30  Refreshment break, visit exhibits and student posters

10:45  UC Davis Health Informatics Minute: The Use of Telemedicine Captured Videos on Handheld Devices
  Peter Yellowlees, MBBS, MD

10:55  Q & A

11:00  Keynote Lecture: Connecting People to Their Health
  Donald Jones

11:40  Q & A

11:50  Health Informatics Masters Student Presentation - iThesis: The Making of a Mobile Research Project
  Edwin Bean

12:05 pm  Q & A
12:10  Lunch (included in tuition)

12:45  UC Davis Health Informatics Minute: Security and Mobile Web-based Environments  
      Sean Peisert, PhD

12:55  Q & A

1:00  Research Designs in mHealth  
      Alberto Odor, MD

1:20  Q & A

1:30  Health Informatics Alumni Presentation:  
      Teledentistry in Nepal  
      Deepak Shretha, MS, DDS

1:45  Q & A

1:55  UC Davis Health Informatics Minute:  
      mHealth in Public Health  
      Mark Carroll, MPH

2:00  Q & A

2:05  Refreshment break, visit exhibits and student posters

2:20  The UCSF Empathy Ecosystem: A Startup Approach for mHealth Research at Medical Institutions  
      Jeff Jorgensen and Larry Suarez

2:40  Q & A

2:50  Closing Remarks  
      Teacher of the Year Award  
      Appreciation Awards  
      Peter Yellowlees, MBBS, MD

3:00  Adjourn

3:10  Networking Event: Refreshments and visit exhibits

*Have a safe journey home!*
NEEDS ASSESSMENT
This course is designed to change physician competence in health informatics through exposure to applications and systems in clinical, public health, and educational environments. These applications will enable learners representing the entire interdisciplinary healthcare team to visualize the benefits of health informatics in their daily practice environments now and in the future. As national healthcare reform moves forward, the role of health informatics and communications technologies will greatly expand. The focus on interoperability of systems is a national priority.

The need for cutting edge information about health informatics has been identified in previous course evaluations and community physician annual needs assessment surveys. This year's conference will specifically address identified educational needs related to recognizing health informatics applications and systems that will provide current effective treatment options and online educational opportunities. Course content will address preparing health care professionals to lead the way in employing effective systems of care and to recognize organizational changes that will occur. Participants will be encouraged to use varied applications in daily activities to improve patient care and to pursue research. Collaboration among stakeholders is vital to improve health care through the use of health information exchange services that meet the diverse needs of the population. 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.

TARGET AUDIENCE
This knowledge-based course will benefit physicians in all medical specialties as well as other members of the interdisciplinary health care team including nurses, pharmacists, informaticists, technologists, and others whose scope of practice is related to health informatics, including professionals in information technology and management.

EDUCATIONAL OBJECTIVES
At the end of the program, participants should be able to:
• Recognize informatics applications that will assist in the reform of health care through practical use in daily duties
• Explain the impact of mobile health applications
• Discuss mHealth that supports military personnel
• Prepare leaders to employ systems of care designed to incorporate health Informatics
• Identify technologies and systems to support seamless implementation of health Informatics
• Be aware of the proven steps required to implement health informatics applications and systems
• Identify key components that will assist physicians to adopt new technologies
• Recognize inevitable organizational changes that will occur as the result of applying health informatics applications and systems
• Discuss the collaborative process to support the secure exchange of electronic health information for the purposes of improving health care safety, quality, access, and efficiency
ENROLLMENT  Please register early – space is limited.
Tuition is $190 for community participants. Confirmation of registration will be sent within two weeks after receipt of enrollment form. The fees will increase after March 1, 2012.

Tuition includes continental breakfast, refreshment breaks, electronic syllabus, reception and an on-line certificate of attendance. Tuition may be paid by check, American Express, Discover, MasterCard or VISA. Cash is not accepted. Refunds must be requested by March 1, 2012 and will be subject to a $75 service charge. Program materials cannot be guaranteed unless enrollment is received by March 1, 2012. 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.

Cancellation and Refund Policy: A refund of tuition, less $75 administrative fee, will be allowed if requested in writing by March 1, 2012. No refunds will be provided after this date.

SYLLABUS
The electronic syllabus will be available to pre-registered attendees online prior to the meeting for downloading and printing and onsite on a flash drive. Attendees will receive an email when the syllabus materials are available online. Printed syllabus will not be available.

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
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 live activity for a **maximum of 5.5 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 interprofessional 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 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).

**Veterinarians:** 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 Department of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. ACPE Universal Activity Number 0277-0000-12-177-L04-P has been assigned to this activity. This knowledge-based activity provides 5.5 contact hours (0.55 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 Assembly Bill No. 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: http://cme.ucdavis.edu.
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.

Layered clothing is recommended as the meeting room temperature may be uncomfortable for some, depending on personal preferences. 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.

UC DAVIS HEALTH SYSTEM CME MISSION
In concert with the UC Davis Health System mission of “discovering and sharing knowledge to advance health,” the continuing medical education (CME) mission focuses on the lifelong learning commitments of healthcare professionals practicing in Northern California and beyond. UC Davis CME is at the nexus between scientific discovery and its translation into practice. The CME program is committed to developing evidence-based educational programs to meet the learnersí educational needs to enhance competence, performance and/or patient care.

FOR FURTHER INFORMATION
UC Davis Health System  1 (866) CME4EDU (263-4338)
Office of Continuing Medical Education
3560 Business Drive, Suite 130
Sacramento, CA 95820-2161
(916) 734-5390
Fax (916) 734-0742
http://cme.ucdavis.edu
ENROLLMENT APPLICATION

(Please Print)

First Name                      MI                      Last Name
☐ MD  ☐ DO  ☐ PharmD  ☐ PhD  ☐ RPh  ☐ PA  ☐ NP  ☐ RN  ☐ Psychologist Lic #  ☐ 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

( )                                                                                       ( )

Day Phone                                                                                       Fax Number

E-mail for link to electronic syllabus. UC Davis CME will not use your email for any purpose other than corresponding with you.

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)

Please copy the mail code from the address side of the brochure (above your name, e.g. PPMED, MMSMED, CRDMED)

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)?

REGISTRATION FEES (Receipt/Confirmation will be mailed within two weeks)

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<th>Early Discount</th>
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<tr>
<td>Community Participants</td>
<td>$190</td>
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UC Davis Affiliate Fees (Please specify)

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<tr>
<td>UC Davis Participants</td>
<td>$155</td>
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7 Digit Acct. #  Authorized Signature and Phone #  Department

CERTIFICATE STUDENT RATE (proof of enrollment in UC Davis Health Informatics Certificate Program is required)

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<tr>
<th></th>
<th>Early Discount</th>
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<tbody>
<tr>
<td>Certificate Student</td>
<td>$100</td>
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<td>$140</td>
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NETWORKING RECEPTION (included in tuition, pre-registration required)

☐ I will attend the reception  ☐ I will not attend the reception

☐ Send Sacramento lodging information.
☐ If you need disability accommodations at the meeting, please let us know by March 1, 2012, and our representative will contact you.
☐ Please note special dietary/food allergy requirements.

Please check your payment method. Enrollment 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  Office of Continuing Medical Education, c/o UC Davis Cashier's Office
PO. Box 989062, West Sacramento, CA 95798-9062
Telephone: (916) 734-3530  Fax application (916) 734-0742

Register online: http://cme.ucdavis.edu/conferences
HEALTH INFORMATICS
6TH ANNUAL CONFERENCE 2012

mHealth

Friday, March 23, 2012
Sacramento Hilton Arden West, Sacramento, CA

HIGHLIGHTS:
• The Impact of Mobile Health
• mHealth and the Military
• Informatics and Practical Healthcare Reform

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