Pediatric Telehealth Colloquium

Friday - Sunday
October 27-29, 2006

HIGHLIGHTS:

• Discuss how telemedicine can be used to improve the quantity and efficiency of pediatric care delivered in outpatient and inpatient settings
• Participate in lectures and discussions on the strategic and administrative planning of a telehealth program, how outreach can be increased and improved using telemedicine, and how to ensure a program’s sustainability
• Learn directly from the leaders of telehealth research on innovative telemedicine applications, as well as funding opportunities and techniques for grant acquisition.
• Identify the financial impact of a telehealth program, learning about the legal, regulatory, reimbursement, and contracting issues
• Recognize the technology of telemedicine and telecommunications, and participate in hands on demonstrations and use of equipment

This program is self-supporting and receives no state funding.
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Friday – Sunday
October 27-29, 2006
Hotel Nikko San Francisco
San Francisco, California

Pediatric Telehealth Colloquium

Sponsored by:

Office of Continuing Medical Education and
UC Davis Children’s Hospital
Department of Pediatrics
and
The Center for Health and Technology

The Center for Health and Technology received the
2006 American TeleMedicine Association’s
President’s Award recipient
NEEDS ASSESSMENT
Regionalization of Children’s Hospitals has led to higher quality of care and improved outcomes among pediatric patients. However, children living in non-urban areas are often excluded from pediatric specialty care. Telemedicine is a novel means of filling the “specialist void” in rural communities and a way of establishing a new health care delivery model for this challenging setting.

This 3-day national conference addresses a variety of medical applications for telemedicine to enhance care and patient outcomes in Pediatrics. Furthermore, topics in strategic and administrative planning, technical and equipment support, and research and the advancement of telehealth will be discussed.

WHO SHOULD ATTEND
Family practitioners, emergency physicians, pediatricians, nurse practitioners, physician assistants and other specialists and practitioners involved in providing pediatric care. This conference is also designed for health system administrators, strategic and business development officers, and information technology specialists interested in developing or expanding a sustainable telemedicine program.

EDUCATIONAL OBJECTIVES
After completing this conference, participants should be able to:

Inpatient and Outpatient Specialty Care
- Discuss the patient care and educational benefits of a partnership between specialty care physicians and primary care providers
- Discuss alternative applications for telemedicine technologies

Administrative and Strategic Planning
- State economic benefits and challenges as well as understand legal and risk management issues
- Discuss key operation and management topics in developing and sustaining a telemedicine program

Technical
- Define regularly used telemedicine terms and technologies
- Assess equipment needs to design or expand a telemedicine system

ENROLLMENT
Please register early – space is limited.
Tuition is $300 for physicians and $230 for rural practitioners and other health care professionals. UCDHS and UCD School of Medicine volunteer faculty, alumni, faculty and staff are eligible for tuition discounts. See enrollment form for details. Confirmation of registration will be sent within two weeks after receipt of enrollment form.

Tuition includes a daily continental breakfast, daily refreshment breaks, lunch on Saturday, syllabus, and a certificate of attendance. Tuition may be paid by check, American Express, Discover, MasterCard or VISA. Cash is not accepted. Refunds must be requested by October 6 and will be subject to a $50 service charge. Program materials cannot be guaranteed unless enrollment is received by October 6. The Office of Continuing Medical Education reserves the right to cancel this program. In such a case, a full refund will be given.

Enroll online http://cme.ucdavis.edu
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.

**Physician Credit:** The Office of Continuing Medical Education of the University of California, Davis, Health System (School of Medicine, Medical Center and Medical Group) designates this educational activity for a maximum of 16 AMA PRA Category 1 Credits™ of the Physician's Recognition Award of the American Medical Association. 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.**

The following may apply CME Category 1 credit for license renewal.

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

**Registered Nurse:** The California Board of Registered Nursing accepts CME Category 1 credit toward license renewal. On the BRN license renewal form, report the number of hours you attended (up to 16 hours of credit) and fill in “CME Category 1” for the provider number.
A block of rooms is being held for conference participants at a rate of **$209 single or double occupancy** plus hotel and sales tax (extension dates may be available.) After September 20, 2006, reservations will be on a space and rate available basis. Reservations should be made directly with the hotel. Please be aware that a limited number of rooms in each category have been reserved and the hotel will likely sell out prior to the reservations deadline of September 20.

By staying at the host hotel, you help the University of California, Davis, meet its contractual obligations with the Hotel Nikko and keep future registration fees reasonable. Please consider that when making your accommodation decisions. We encourage you to stay at the host hotel.

The Hotel Nikko is a full service, four-diamond rated luxury hotel located downtown in the heart of San Francisco. It is situated just 5 blocks from Moscone Convention Center and just 2 blocks from Union Square, conveniently located for sightseeing, theater, dining and shopping. There is easy access to public transportation and the city’s celebrated cable cars. Guests will enjoy an attentive multilingual staff, unsurpassed comfort and quiet elegance in a world-class hotel. Renowned restaurant ANZU featuring sushi and steak is located in the hotel.

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.

**PARKING**

Valet parking only is available 24 hours a day at Hotel Nikko San Francisco in the underground garage. Hotel attendants will be happy to park your car upon your arrival at Porte Cochere on Ellis Street at Mason Street.

The following fees apply:

- Overnight for hotel guests only: $39 + 14% tax imposed by City of San Francisco
- Oversized Vehicles*: $43 + 14% tax imposed by City of San Francisco

Rates include in-and-out privileges.

*An oversized vehicle is considered equivalent to a Ford Expedition or larger.
AIR TRAVEL
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 10% off the lowest, unrestricted coach fare or 5% off the lowest applicable fares (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
B.A.R.T. Subway Station - Bay Area Rapid Transit
For routes please go to the website at: http://www.bart.gov/index.asp
SupperShuttle: (800) BLUEVAN http://www.supershuttle.com

DRIVING DIRECTIONS
From 101 North
• Follow 101 North to 1-80 East Toward Downtown/Bay Bridge
• Exit at 7th Street Downtown
• Go straight on to Bryant Street
• Turn left on 5th Street
• Follow 5th Street 7 blocks to Ellis Street
  Note: After crossing Market Street, 5th Street becomes Cyril Magnin Way
• Turn left on to Ellis Street
• Turn right into Hotel Nikko Valet Entrance

From Bay Bridge and East Bay
• 1-80 West
• Follow 1-80 West Across the S.F. – Oakland Bay Bridge
• Take the 5th Street Exit
• Follow 5th Street 6 blocks to Ellis Street
  Note: After crossing Market Street, 5th Street becomes Cyril Magnin Way
• Turn left on to Ellis Street
• Turn right into Hotel Nikko Valet Entrance

SPECIAL EVENTS IN SAN FRANCISCO
Many events can be found at http://onlysf.sfvisitor.org/calendar

ABSTRACTS
The 2006 Pediatric Telehealth Colloquium is dedicated to the presentation of original research related to Pediatric Telemedicine by investigators in clinical science. Abstracts will be peer reviewed for platform (oral) or poster presentation. Platform presentations will be allowed 10 minutes followed by 5 minutes of discussion.

Abstracts must be submitted by September 1, 2006. Please go to the website to download instructions. Late abstracts will not be considered. http://cme.ucdavis.edu Click on Conferences, scroll to and click on Pediatric Telehealth Colloquium, click on abstract instructions. Physicians in training (fellows and residents), or medical students with accepted abstracts may apply for complimentary registration.
UC DAVIS HEALTH SYSTEM CME MISSION

The Office of Continuing Medical Education at the University of California, Davis, Health System (School of Medicine, Medical Center and Medical Group) offers physicians and other health care professionals educational opportunities that foster excellence in patient care. In concert with the overall mission of the UC Davis Health System, our endeavor is supported by the Office of Continuing Medical Education Advisory Committee to ensure that activities comply with the Essentials and Standards of the Accreditation Council for Continuing Medical Education. We support the concept of continuous undergraduate, graduate and post-graduate medical education throughout the lifetime of the healthcare professional. To achieve our mission, we support the expansion of both traditional and innovative modes of learning.

DISCLOSURE

As a sponsor accredited by the Accreditation Council for Continuing Medical Education, the UC Davis Health System, Office of Continuing Medical Education must insure balance, independence, objectivity and scientific rigor in all individually or jointly sponsored educational activities. Speakers, moderators, panel members and planning committee members participating in a sponsored activity are expected to disclose to the audience any significant financial interests or other relationships with manufacturers of commercial products and/or providers of commercial services that will be discussed in their presentations. The intent of this disclosure is not to prevent speakers with significant financial or other relationships from making presentations. Rather, disclosure allows listeners to determine if content is evidence based and free of commercial bias, and it demonstrates how speakers will resolve conflict when it exists. All presenters must agree to provide verbal disclosure prior to presentations. A complete disclosure statement and acknowledgment of commercial support for this program will be included in the syllabus provided at the activity.

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) 453-9429
http://cme.ucdavis.edu

BROCHURE ART CREDIT

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Friday, October 27, 2006

7:30 am  Continental Breakfast, Registration, Visit Exhibits

8:30  Welcome, Introduction and Overview  
      James Marcin, MD, MPH

9:00  Telehealth Technology 101  
      Daniel Kurywchak

9:30  Telemedicine Consult Demonstration  
      Daniel Kurywchak, Kathy Chorba, Kourosh Parsapour, MD,  
      James Marcin, MD, MPH

9:50  Coffee Break, Visit Exhibits

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Session 1:
IN-PATIENT TELEMEDICINE  
Moderator: Kourosh Parsapour, MD

10:00  Telemedicine, the Future of Inpatient Medicine & VPICU  
       Randall Wetzel, MD

10:30  Telemedicine & PICU: The UC Davis Experience  
       James Marcin, MD, MPH

10:45  Remote ICU  
       Steven Struve, MD

11:00  The Use of Telemedicine in the ED  
       James Marcin, MD, MPH

11:15  Telemedicine & ED: The Rural Perspective  
       Mark Satterfield, MD

11:30  Telehealth and Pediatric Cardiac Disease  
       Karen Rheuban, MD

12:00 pm  Lunch

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Session 2:
TELEHEALTH ADMINISTRATION PART I  
Moderator: Jim Marcin, MD, MPH

1:00  Telemedicine Legal & Regulatory Issues  
      Anna Orlowski, JD

1:30  Implementation of a Telemedicine Program  
      Kathy Chorba

2:00  Q&A Panel

2:30  Hands On: Technologies and Demonstrations

5:00  Adjourn
### Saturday, October 28, 2006

**7:30 am**  
Continental Breakfast, Registration, Visit Exhibits

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**Session 3: OUTPATIENT TELEMEDICINE**  
**Moderator: Javeed Siddiqui, MD, MPH**

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Overview of Outpatient Telemedicine</td>
<td>Javeed Siddiqui, MD, MPH</td>
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<tr>
<td>8:40</td>
<td>Child Abuse</td>
<td>Cathy Boyle, RN, MSN, PNP</td>
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<td>8:50</td>
<td>Hematology-Oncology</td>
<td>Douglas Taylor, MD, PhD</td>
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<td>9:00</td>
<td>Gastroenterology</td>
<td>J. Antonio Quiros, MD</td>
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<td>9:10</td>
<td>Pediatric Obesity</td>
<td>Ulfat Shaikh, MD, MPH</td>
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<td>9:20</td>
<td>Coffee Break, Visit Exhibits</td>
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**Session 4: TELEHEALTH & ALTERNATIVE APPLICATIONS**  
**Moderator: Phillip Ozuah, MD, PhD**

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<th>Time</th>
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<tr>
<td>9:30</td>
<td>Introduction to Alternative Applications: International Health &amp; Health Education for the Underserved</td>
<td>Phillip Ozuah, MD, PhD</td>
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<tr>
<td>10:15</td>
<td>Telemedicine in Childcare</td>
<td>Neil Herendeen, MD</td>
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<td>10:45</td>
<td>Telemedicine in Rural Trauma Care – Is it Ready for Prime Time?</td>
<td>Rifat Latifi, MD, FACS</td>
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<td>11:15</td>
<td>FamiLynk</td>
<td>Kourosh Parsapour, MD</td>
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<tr>
<td>11:30</td>
<td>Video Interpreting</td>
<td>Javeed Siddiqui, MD, MPH</td>
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<td>11:45</td>
<td>Q&amp;A Panel</td>
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<tr>
<td>12:15 pm</td>
<td>LUNCH w/ Platform Presentations (no CME credit)</td>
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<td>1:30</td>
<td>Poster Presentations with Professor Rounds (no CME credit)</td>
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<td>2:30</td>
<td>Hands On: Technologies and Demonstrations</td>
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<td>5:00</td>
<td>Adjourn</td>
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Sunday, October 29, 2006

7:30 am  Continental Breakfast, Registration, Visit Exhibits

Session 5:  
TELEHEALTH ADMINISTRATION Part II  
Moderator: Sanford Melzer, MD, MBA

8:30  Use of Telehealth in a Regional System of Specialty Care  
Sanford Melzer, MD, MBA

9:00  Program Sustainability / Financial Planning / Billing  
Jana Katz, MPH

9:30  Financial Impact of a Telehealth Program  
James Marcin, MD, MPH

10:00  Predictors of Success: How Best to Nurture and Sustain a Telehealth Network  
Jana Katz, MPH

10:30  Q&A Panel  
James Marcin, MD, MPH

11:05  Adjourn – Have a safe journey home!

FACULTY

COURSE CO-CHAIRS

James P. Marcin, MD, MPH  
Assistant Professor of Pediatrics  
Pediatric Critical Care  
UC Davis Children's Hospital

Kourosh Parsapour, MD  
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Pediatric Telehealth Colloquium

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Senior Associate Dean for CME and External Affairs
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Mercy Medical Center Redding
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Chair, Department of Anesthesiology
Critical Care Medicine
The Anne O'M Wilson Professor of Critical Care Medicine
Director, Critical Care Medicine
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Professor of Pediatrics and Anesthesiology
Keck School of Medicine of USC
Director
The Laura P. and Leland K. Whittier Virtual PICU
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UC DAVIS HEALTH SYSTEM FACULTY

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UC Davis Children's Hospital

Kathy J. Chorba
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Center for Health and Technology

Jana Katz, MPH
Chief Administrative Officer
Center for Health and Technology

Anna Orlowski, JD
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J. Antonio Quiros, MD
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Center for Health and Technology
Assistant Professor of Clinical Medicine
Division of Infectious and Immunologic Diseases

Douglas Taylor, MD, PhD
Assistant Professor of Pediatrics
Pediatric Hematology & Oncology
UC Davis Hematology & Oncology

CONFERENCE COORDINATOR

Kimber Chavez, CMP
Meeting Planner
Office of Continuing Medical Education
UC Davis Health System
First Name ___________________________________________ MI ___________________________________________ Last Name ___________________________________________

☐ MD  ☐ DO  ☐ PA  ☐ NP  ☐ RN  ☐ Other ________________________________

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

Address (where you would like your receipt mailed)

City ___________________________ State ___________________________ Zip Code ___________________________

Day Phone ___________________________ Fax Number ___________________________

E-mail ___________________________________________

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

☐ PED  ☐ EM  ☐ FP  ☐ GP  ☐ IM  ☐ Other (specify) ___________________________

Social Security Number (last 4 digits required for transcript purposes)

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Address Label Code (see address label: example, PDTHCPP, MMSPTH, MMSHDPTH) ___________________________

How did you hear about this conference (PT&MG, web search, magazine, friend)? ___________________________

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

Physician $300  
Other Practitioner $230  
Rural Practitioner $230

**UC DAVIS DISCOUNT FEES** (Please specify)

☐ Faculty  ☐ Volunteer Faculty  ☐ Alumni  ☐ Staff  
Account to recharge: ___________________________

Department: ___________________________

Physician $230  
Other Practitioner $190  
Rural Practitioner $190

If you need disability accommodations to attend the meeting, please let us know by October 6, and our representative will contact you.

Please note food allergies or special dietary requirements: ___________________________

Please check your payment method.  
☐ Check enclosed payable to: UC Regents  
☐ AMEX  ☐ Discover  ☐ MasterCard  ☐ VISA  
For office use only: PDTHC07

Account Number ___________________________________________ Expiration Date ___________________________

Authorized Signature ___________________________ Security Code ___________________________

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

Mail application and payment to UC Davis Health System, c/o Office of Continuing Medical Education,  
3560 Business Drive, Suite 130, Sacramento, CA 95820-2161

Telephone: (916) 734-5390

Fax application (916) 453-9429  
Enroll online http://cme.ucdavis.edu