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# Pediatric Telehealth Colloquium

Improving Children's Health through Advancements in Technology

Monday, October 1 – Tuesday, October 2, 2018

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**Mercy Virtual Care Center**  
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Register online at <http://ces.ucdavis.edu/ptc>

# Pediatric Telehealth Colloquium Symposium 2018

Program (subject to change)

## Monday, October 1, 2018

### Core Concepts

|                 |                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:00 – 8:15am   | <b>Welcome, Introduction and Review of Course Objectives</b><br><b>Introduction of Keynote Speaker</b><br><i>Alison Curfman, MD</i>                                                                                                                                                                                                                                                           |
| 8:15 – 9:15     | <b>Keynote Speaker: Leapfrog the Impossible: Practical Applications of Passion in Pediatric Care</b><br><i>Mark Carroll, MD</i>                                                                                                                                                                                                                                                               |
| 9:15-10:15      | <b>Getting off the Ground: Novice to Expert: Operations &amp; Personnel Models to Sustain Pediatric Telehealth Programs</b><br>Interactive session; Overview of successful strategies and models relevant for rural providers, regional centers, and new or established programs. Update on federally funded telehealth resource centers.<br><i>Christina Olson, MD and Tariq Chaudry, MD</i> |
| 10:15 – 10:30   | Break                                                                                                                                                                                                                                                                                                                                                                                         |
| 10:30 – 11:30   | <b>Power in Numbers: Measuring Processes, Quality and Outcomes Required for Success in Care and Research</b><br>Discussion on purpose and application of proactive data collection, metrics, quality measures, and collaborative research. An understanding on how to measure and evaluate telehealth programs.<br><i>David McSwain, MD and John Chuo, MD</i>                                 |
| 11:30 – 11:45   | <b>Q&amp;A Panel</b>                                                                                                                                                                                                                                                                                                                                                                          |
| 11:45 – 12:45pm | <b>Lunch</b><br>Optional tour of facility                                                                                                                                                                                                                                                                                                                                                     |
| 12:45 – 1:30    | <b>Policy, Advocacy, and Driving Change</b><br>Update on state and federal telehealth policy trends and issues relevant to pediatric telehealth programs. Recommendations on change management with regards to culture and provider engagement.<br><i>Brooke Yeager McSwain, Julie Hall-Barrow, EdD</i>                                                                                       |
| 1:30 – 2:15     | <b>Legal, Regulatory, Contract and Compliance</b><br>Review of key legal, regulatory, contract, compliance and business issues.<br><i>Monica Chmielewski, JD</i>                                                                                                                                                                                                                              |
| 2:15 – 2:45     | <b>No Margin - No Mission</b><br>Discussion of a variety of care delivery and financial models to deliver sustainable pediatric telehealth care.<br><i>James Marcin, MD, MPH</i>                                                                                                                                                                                                              |
| 2:45 – 3:00     | Break                                                                                                                                                                                                                                                                                                                                                                                         |
| 3:00 – 4:00     | <b>Extending Our Reach through Education</b><br>How to use technology as a means to facilitate practice change in fields relevant to pediatric primary and specialty care using ECHO, simulation and other educational models.<br><i>J. Fred Thomas, PhD and Ragan DuBose-Morris, PhD</i>                                                                                                     |

4:00 – 4:45

### Training Medical Virtualists

Focus on internal education, teaching telehealth etiquette, training presenters - the "medical virtualist" as a specialty set of skills.

*Dana Schinas, MD and Mark Lo, MD*

4:45 – 5:15

### Q&A Panel

5:30

Adjourn

## Tuesday, October 2, 2018

### Principles in Practice Across the Continuum of Care

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:00 – 8:15am  | <b>Welcome Review of Objectives</b><br><i>Gavin Helton, MD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 8:15 – 9:00    | <b>SPROUT Update</b><br><i>Alison Curfman, MD and John Chuo, MD</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 9:00-10:30     | <b>Concurrent Sessions</b><br>Sessions times are: 9:00 - 9:45<br>9:45 - 10:30<br><br>Participants will have an opportunity to pick two small group sessions:<br><b>SESSION A: Clinical Services When the Patient is at Home</b><br>Home-based video visits, mobile apps, DTC, making the most of patient portals.<br><i>Kristin Ray, MD and April Willard, NNP</i><br><b>SESSION B: Lessons Learned and Practical Applications of School-based Telehealth</b><br>Operational, clinical and financial models of school-based telehealth.<br><i>Steve North, MD and Neil Herendeen, MD</i><br><b>SESSION C: Clinical Services When the Patient is in a Health Care Facility</b><br>Tele-consults for the inpatient, outpatient, and emergency department environments.<br><i>Christina Olson, MD and Jennifer Ruschman, MS</i> |
| 10:30 – 10:45  | Break                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 10:45 – 11:30  | <b>Keynote: Future of Pediatric Telehealth and Disruptive Innovation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 11:30 – 1:00pm | <b>Lunch and Panel Discussion</b><br>Succeeding as a pediatric telehealth leader                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 12:30 – 1:30   | Optional tour of facility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1:30           | Adjourn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Faculty

### COURSE CO-CHAIRS

**James Marcin, MD, MPH**  
Professor  
Pediatric Critical Care  
Director Center for Health and Technology  
UC Davis Children's Hospital  
UC Davis Health

**Alison Curfman, MD**  
Pediatric Emergency Medicine  
Medical Director  
Mercy Virtual Kids  
Mercy Virtual - St. Louis

### CONFERENCE COORDINATORS

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**Lina Layiktezh**  
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116 A Street  
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(530) 747-3828  
events.ucdavis.edu

### PLANNING COMMITTEE

**John Chuo, MD, MS, IA**  
Associate Professor of Clinical Pediatrics  
Perelman School of Medicine  
University of Pennsylvania  
Neonatal Quality Officer  
Clinical Champion for  
Digital Health Evaluation  
Children's Hospital of Philadelphia

**David McSwain, MD**  
Associate Chief  
Medical Information Officer  
Medical Director for Telehealth  
Optimization  
Associate Professor  
Pediatric Critical Care Medicine  
Medical University of South Carolina

**Christina Olson, MD**  
Assistant Professor  
Department of Pediatrics  
University of Colorado School of Medicine  
Medical Director  
Telehealth Program  
Children's Hospital Colorado

### GUEST FACULTY

**Mark Carroll, MD**  
Chief Health Officer  
The NARBHA Health Institute  
Flagstaff, AZ

**Tariq Chaudry, MD**  
Pediatric Inpatient Chief  
Kaiser Santa Clara  
Northern California  
Regional Director  
of Inpatient Pediatrics

**Monica Chmielewski, JD**  
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Foley & Lardner LLP

**Ragan DuBose-Morris, PhD**  
Telehealth Education Manager  
Center for Telehealth  
Assistant Professor  
Academic Affairs Faculty  
Medical University of South Carolina

**Julie Hall-Barrow, EdD**  
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Virtual Health and Innovation  
Children's Health  
Dallas, Texas

**Gavin Helton, MD**  
President  
Clinical Integration  
Mercy Virtual

**Neil Herendeen MD, MS**  
Professor of Pediatrics  
University of Rochester  
Medical Center

**Mark D. Lo, MD, MS**  
Clinical Associate Professor  
Pediatrics  
University of Washington  
School of Medicine  
Attending Physician  
Pediatric Emergency Medicine  
Medical Director  
Telehealth and Digital Health  
Seattle Children's Hospital

**Steve North MD, MPH**  
Founder and Medical Director  
Center for Rural Health Innovation  
Spruce Pine, North Carolina

**Kristin Ray, MD, MS**  
Assistant Professor  
Department of Pediatrics  
University of Pittsburgh  
School of Medicine  
Division of General Academic  
Pediatrics  
UPMC Children's Hospital of  
Pittsburgh

**Jennifer Ruschman, MS**  
Senior Director  
Center for Telehealth  
Cincinnati Children's Hospital

**Dana Aronson Schinas, MD**  
Attending Physician  
Pediatric Emergency Medicine  
Medical Director  
Telehealth Programs  
Ann & Robert H. Lurie  
Children's Hospital of Chicago  
Assistant Professor  
Northwestern University  
Feinberg School of Medicine

**J. Fred Thomas, PhD**  
Assistant Professor  
Department of Pediatrics  
University of Colorado  
School of Medicine  
Executive Director  
ECHO Colorado  
Director  
Telehealth Program  
Children's Hospital Colorado

**April Willard, MSN, CRNP, NNP-BC**  
Neonatal Surgical Nurse Practitioner  
Newborn/Infant Intensive Care Unit  
General Pediatric  
Thoracic and Fetal Surgery  
Children's Hospital of Philadelphia

**Brooke Yeager McSwain, MSc, RRT**  
Consulting Manager  
Children's Telehealth Collaborative  
South Carolina Children's Hospital  
Collaborative

Register online at <http://ces.ucdavis.edu/ptc>



# Conference Information

## TARGET AUDIENCE

This activity is intended for pediatricians, administrators, researchers, and other health care professionals interested in advancing the use of telemedicine and mobile health in pediatric care.

## WHY YOU SHOULD ATTEND

This activity will provide an overview of the essentials to begin and sustain a pediatric telehealth program. Providing pediatric care through telemedicine has resulted in a number of positive outcomes including higher provider satisfaction, higher parent satisfaction, higher quality of care, lower medication error rates, more appropriate transfers, and cost-savings.

## EDUCATIONAL OBJECTIVES

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

- Evaluate the policy and legal considerations surrounding telehealth care.
- Describe various models of pediatric telehealth programs.
- Evaluate types of technologies that are available and strategies for measuring the success of their pediatric telehealth programs.
- Implement or improve the pediatric telehealth program at their institutions.
- Identify uses of direct-to-consumer technologies and what may be appropriate for their programs.
- Discuss challenges in the field and identify opportunities to overcome these barriers to broaden the use of pediatric telehealth services.

## CONFERENCE REGISTRATION

Please register early – space is limited.

Tuition is \$400 for physicians/administrators, and \$350 for researchers and other healthcare professionals. The fees will increase after September 15, 2018. Online registration is available and confirmation will be received immediately after registration.

Tuition includes continental breakfast, morning and afternoon breaks, lunch, electronic lectures, and a certificate of attendance. Tuition may be paid by check, American Express, Discover, MasterCard or VISA. Cash is not accepted. Conference materials cannot be guaranteed unless registration is received by September 15, 2018. The Office of Continuing Medical Education and UC Davis Conference and Event Services reserves the right to cancel this conference. In such a case, a full refund will be given.

Registration forms received by mail will be processed once payment is received. Early discount rates are honored if payment is received by the date noted on the registration form. After that date, the late fee is applied.

**On-site Fees:** On-site registrations will be charged the onsite registration fee. Please see registration form for details.

### Cancellation and Refund Policy:

A refund of tuition, less \$75 administrative fee, will be allowed if requested in writing by September 15, 2018. No refunds will be provided after this date.

## ELECTRONIC EVALUATION AND CREDIT

The course lectures and evaluation will be available online 14 days after the last day of the conference. Once the online survey is completed your certificate will be sent via email within 30 days post conference.

## ACCREDITATION

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



## CREDIT DESIGNATION

**Physician Credit:** University of California, Davis, Health designates this live activity for a maximum of 12 *AMA PRA Category 1 Credits™*. Physicians should claim only the 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 other health care providers.*

**Nurse:** For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA Category 1 Credits™* issued relicensure, the California Board of Registered Nursing accepts *AMA PRA Category 1 Credits™* (report a maximum of 12 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.



Register online at <http://ces.ucdavis.edu/ptc>

## THE WORLD'S FIRST VIRTUAL CARE CENTER

Opened in October 2015, the Virtual Care Center is the first and only facility of its kind. The four-story, 125,000 square-foot building is the cornerstone of Mercy's virtual care program, and serves as a nationally recognized center for developing and delivering telehealth.



### LOCATION

Mercy Virtual Care Center  
15740 South Outer Forty Road  
Chesterfield, MO 63017

### HOTEL ACCOMMODATIONS

**(Both Hotels are located across from Mercy Virtual;  
Inquire about Hotel shuttles to Mercy Virtual)**



**Hyatt Place St. Louis/  
Chesterfield**  
333 Chesterfield Center  
East Chesterfield, MO 63017  
(636) 536-6262  
888-492-8847

A block of rooms is being held for conference participants at a rate of \$119, single or double occupancy, plus hotel and sales tax (extension dates may be available). After **September 1, 2018** reservations will be on a space and rate availability basis. Reservations may be made directly with the hotel, referring to the **2018 Pediatric Telehealth Colloquium (Group G-PTCO)**.



**Drury Plaza Chesterfield**  
355 Chesterfield Center E  
Chesterfield, MO 63017  
(636) 728-7188

A block of rooms is being held for conference participants at a rate of \$105, single or double occupancy, plus hotel and sales tax (extension dates may be available). After **September 1, 2018** reservations will be on a space and rate availability basis. Reservations may be made directly with the hotel, referring to the **2018 Pediatric Telehealth Colloquium**.

### AIR TRAVEL TO ST. LOUIS INTERNATIONAL (STL)

We have partnered with United Airlines to offer travel discounts to the 2018 Pediatric Telehealth Colloquium.

Visit [www.united.com/meetingtravel](http://www.united.com/meetingtravel) and enter **ZF7Q665285** in the Offer Code box. You may also call United Meeting Reservation Desk at 800-426-1122 Mon-Fri 8am – 10pm ET and Sat/Sun 8am – 6pm ET. **Booking fees are waived for Meeting reservations.** Please note that travel must be booked between 09/28 and 10/05, in order to receive the discount.

### GROUND TRANSPORTATION

To obtain car rental discount pricing, please click here:

**Avis Car Rental Discount for the 2018 Pediatric Telehealth Conference.**

### PARKING

Self-parking is complimentary at Mercy Virtual Care Center.

### BROCHURE ART CREDIT

Brochure images courtesy of Accreditation Council for Continuing Medical Education, UC Davis Public Affairs, istockphoto.com, pixabay.com and Google images.

### FOR FURTHER INFORMATION

**UC Davis Conference and Event Services**

116 A Street  
Davis, CA 95616  
(530) 747-3828  
[events.ucdavis.edu](http://events.ucdavis.edu)

# Registration Form (please print)

2018 PEDIATRIC TELEHEALTH COLLOQUIUM  
OCTOBER 1-2, 2018

**UC DAVIS**  
Conference and Event  
Services  
116 A Street  
Davis, CA 95616  
(530) 747-3828  
events.ucdavis.edu

First Name M.I. Last Name

☐ MD ☐ DO ☐ PA ☐ NP ☐ RN ☐ 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

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

Physician information: Please indicate your primary medical specialty:

☐ FP ☐ GP ☐ IM ☐ CD ☐ Other (specify)

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

□ □ □ □ — □ □ □ □ — □ □ □ □

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)

|                                                 | Early Discount<br>9/15/2018    | Standard<br>9/16/18–9/30/2018  | Onsite                         |
|-------------------------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Physicians and Administrators                   | <input type="checkbox"/> \$400 | <input type="checkbox"/> \$450 | <input type="checkbox"/> \$500 |
| Researchers and Other Health Care Professionals | <input type="checkbox"/> \$350 | <input type="checkbox"/> \$395 | <input type="checkbox"/> \$395 |

## COURSE LECTURES

Electronic access to course lectures will be provided to all attendees. Please note that a hard copy syllabus will not be available for this conference.

☐ Please let us know of any disability or dietary accommodations by **September 15, 2018**.

Please note disability or dietary accommodations here:

**REGISTER ONLINE AT: <http://ces.ucdavis.edu/ptc>**

Please use ONE of these methods to register: (Do not mail if previously registered by telephone)



Mail this registration form and check payment to:  
UC Davis Conference and Event Services  
116 A Street  
Davis, CA 95616  
ATTN: PTC2018



Telephone: (530) 747-3828



Email: [events@ucdavis.edu](mailto:events@ucdavis.edu)



# Pediatric Telehealth Colloquium

Improving Children's Health through Advancements in Technology

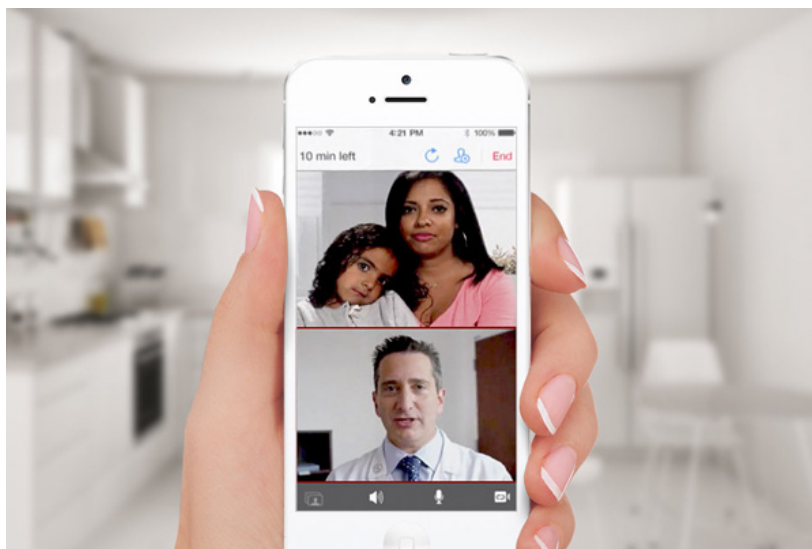
**CME MAXIMUM OF 12**  
**AMA PRA Category 1 Credits™**

**Monday, October 1 – Tuesday, October 2, 2018**

**Mercy Virtual Care Center**  
Chesterfield/St. Louis, MO

## HIGHLIGHTS:

- Pediatric Telehealth Resources
- Telehealth Management and Operations
- Performance, Quality and Outcome Measures
- Policy, Legal and Regulatory Issues
- Financial Sustainability of Pediatric Telehealth
- Using Telehealth for Education
- Training the “Medical Virtualist”
- Workshop on Direct to Patient Telemedicine
- Workshop on Telehealth in the School
- Workshop on Telehealth for Clinics and Hospitals

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