

# CRIS Newsletter for Medical Educators

A Publication of the Center for Research, Innovation and  
Scholarship in Medical Education

Volume 4, Number 1

Winter 2020



## Winners of the Annual Showcase of Educational Scholarships Baylor College of Medicine

BCM Department of Pediatrics/Texas Children's Hospital had excellent representation at the **2019 Annual Showcase of Educational Scholarship**, winning two of the four Faculty awards and two of the four Trainee awards. This year, a record number of submissions, almost 80 abstracts from which 72 were selected for poster presentations, were considered. They were acknowledged for the field, breadth, and depth of educational research.

Faculty	Trainees
<p><b>Take a Deep Breath: Assessing Pediatric Resident Interest in Learning Mindfulness Strategies to Use with Pediatrics Patients</b> Sonia Monteiro, MD, Jennifer Cervantes, LMSW, Dinah Godwin, LCSW, Kathryn Ostermaier, MD, Robert Voigt, MD</p>	<p><b>Assessment of Clinical Learning Environment on a General Inpatient Pediatric Team</b> Gal Barak, MD, Shelley Kumar, MS, MSc Geeta Singhal, MD, MEd</p>
<p><b>Just Dance! Teaching Clinical Reasoning Using Innovative Teaching Methods</b> Jenelle Little, MD, Soo Kim, MD, Stephen Tinguely, MD</p>	<p><b>Creation and Validation of the Learning Environment Assessment Framework (LEAF) Tool: Assessing Psychological Safety in a Group Learning Setting</b> Cristina Welch, MD, Melissa Carbajal, MD, Shelley Kumar, MS, MSc Satid Thammaitboon, MD, MPHE</p>

# CONGRATULATIONS!



Academic Pediatrics  
Association  
President Elect



Teri Turner, MD, MPH, MEd  
Academic General Pediatrics



The **International Conference on Residency Education (ICRE)** was held in Vancouver, Canada, on September 24-26, 2019. Four new ICRE Chief Residents were appointed, one of whom is our own **Dr. Andria Tatum**, a Fellow in Academic General Pediatrics. She received her medical degree and completed her residency in Pediatrics at Eastern Virginia Medical School. Her interests are in mental health in pediatric primary care and utilizing growth mindset to reframe the remediation process in medical education. She is also pursuing a Master's of Education at the University of Houston.

## Department of Pediatrics Annual Education Retreat Draws Enthusiastic Participants



*Pictured l-r: Drs. Satid Thammasitboon, Rachel S. Wolfe, Ankhi Dutta, Danny Castro, Hilary Haftel, Julieanna Nichols, Geeta Singhal, Teri Turner, Adam Cohen*

The Annual Education Retreat planning committee welcomed Dr. Hilary M. Haftel, the Senior Vice President for the American Academy of Pediatrics, as the plenary speaker for the Dr. Kelly Descioli Memorial Lecture. The topic of her Grand Rounds presentation was “Becoming a Member of the Club: Medical Training and Professionalization of Doctors.”

The speaker for the afternoon plenary session was Dr. Tracey Volz, Director and Professor of the Practice Program in Writing and Communication at Rice University. The title of the presentation was “Modeling Professional Communication in the Classroom and Clinic.”

Morning workshops were presented by Drs. Alisa Acosta, Jennifer Rama, Linessa Zuniga (“The Best Defense is a Good Offense: Practicing Emotional Agility to Mitigate Burnout”); Julieanna Nichols, Susan Gillespie, Audrea Burns, Andria Tatem (“Developing Critical Consciousness”); Hilary Haftel (“Skills for Clinical Teaching Under Time Pressure”); and Jennifer Benjamin, Ruchi Kaushik, Adam Wolfe, Saul Flores (“Creating Engaging Animated Videos: A Hands on Workshop for Medical Educators”).

The afternoon workshops were presented by Drs. Linessa Zuniga, Teresa Duryea, Julieanna Nichols (“The ‘Millennial Learner’: Friend not Foe”); Lanessa Bass, Susan Gillespie, Toi Harris, Antonie Rice, Erick Malmberg (“Cultivating an Optimal Learning Environment: Addressing Microaggressions in Pediatric Training”); Ankhi Dutta, Kasey Davis, Rachel Marek, Karen Patricia (“Conflict Resolution 101: Decoding the Drama Triangle of Heroes, Victims, and Villains”); and Parag Jain, Audrea Burns, Satid Thammasitboon (“Coaching Learners Towards Formulating Professional Identity Formation Using Threshold Concepts”).

### Outstanding Education Scholarship Presentations went to

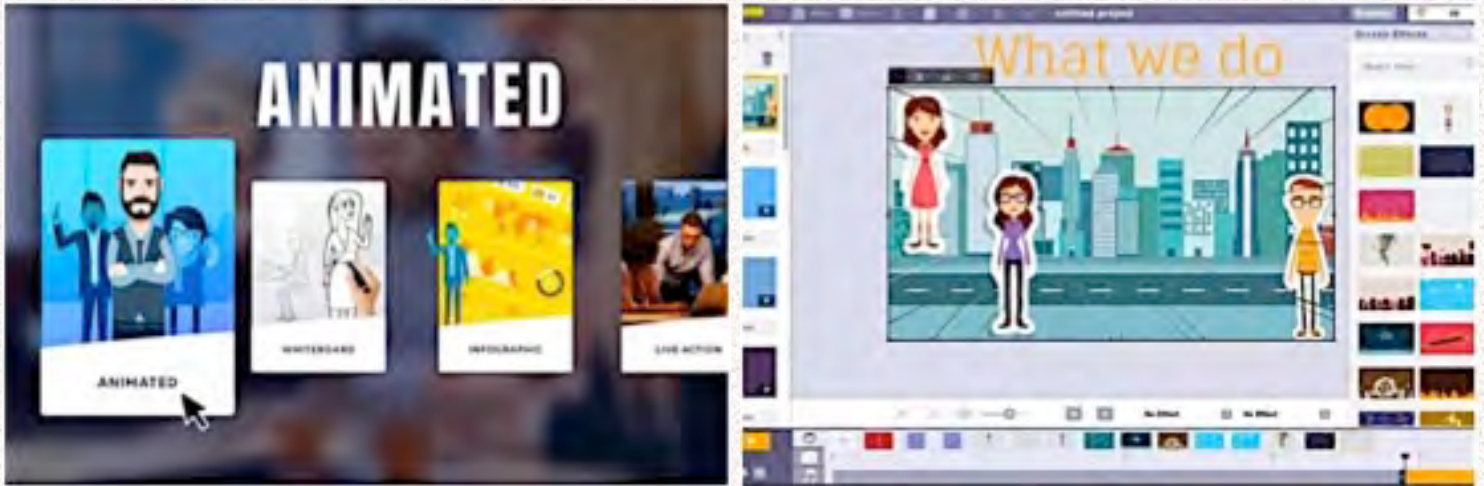
**Cristina Welch, MD**  
“Learning Environment  
Assessment Framework (LEAF)  
Tool: Assessing Psychological  
Safety in a Group Learning  
Setting”

**Lindsay Cameron, MD, MPH**  
“An Online Course to Optimize  
UC Provider Antimicrobial Use  
for Pediatric Upper Respiratory  
Infections”

**Gal Barak, MD**  
“Assessment of Clinical Learning  
Environment on a General  
Inpatient Pediatric Team”

**Kristin Dolan, MD**  
“Continuing Education Program  
for General Emergency Medicine  
Providers to Enhance the Care of  
Pediatric Critical Illness”

## Symposium Introduces New Ways to Enhance Teaching



On December 6, 2019, Drs. Adam Wolfe, Ruchi Kaushik, Saul Flores, and Jennifer Benjamin introduced a new way to enhance learners' engagement in educational modules using animated videos. Participants learned multimedia principles and practical tips and tools for producing animated videos.

CRIS provides resources for faculty who are interested in this new approach.  
Contact [CRIS@Texaschildrens.org](mailto:CRIS@Texaschildrens.org) for additional information or a trial.

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### 6<sup>th</sup> Annual Resident Scholarship Day June 5, 2020 Abstract Submission January 7 – March 9, 2020

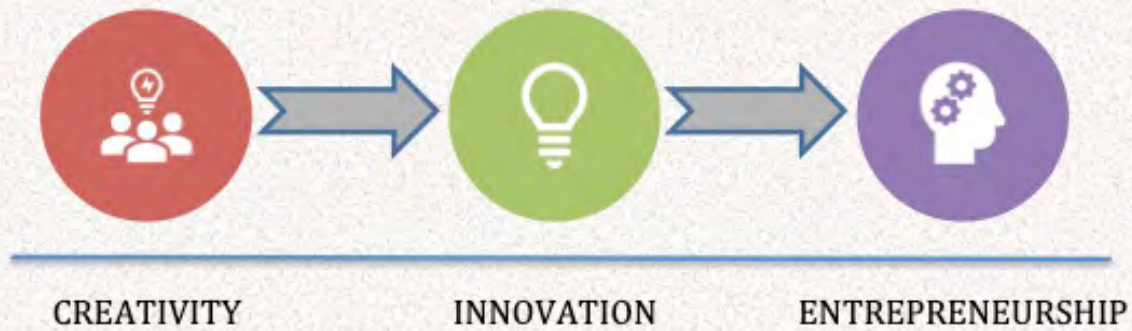


The Resident Scholarship Program Executive Committee and the Pediatric House Staff Office announced that the **6<sup>th</sup> Annual Resident Scholarship Day** will be held on **June 5, 2020**. All residents are encouraged to submit an abstract describing the scholarly work undertaken during their residency training, even if the project is not fully completed or they have not completed their Scholarly Activity block. Residents also may submit updated data for projects they presented last year.

Residents will have the opportunity to present their work as either a traditional or electronic poster during a 1.5-hour (12 noon - 1:30 pm) poster session in the Pavilion for Women. Additionally, four abstracts will be selected to present at Pediatric Grand Rounds. Abstracts are welcome in all areas of scholarship.

For more information, contact the planning committee: Drs. Teresa Duryea, Amy Hair, Stephanie Sisley, David Spielberg, Satid Thammasitboon, Teddy Jones, and Cassandra Shorter.

## Entrepreneurial Model for Medical Education Presented



A symposium on **Entrepreneurship in Medical Education** was held on November 11, 2019, in the TCH Pavilion for Women. Two special workshops provided tips and tools to transform creativity into innovation and entrepreneurship in medical education. **Dr. Traci Wolbrink** (pictured above) of Boston Children’s Hospital shared the entrepreneurial model and experiences through the journey of the OPENPediatrics™, an interactive digital learning platform for healthcare clinicians sponsored by Boston Children’s Hospital in collaboration with the World Federation of Pediatric Intensive and Critical Care. **Dr. Ashley Simes** of Children’s National Medical Center inspired clinician-educator participants with practical approaches to seeking extramural funds to support educational scholarship.

OPENPediatrics leverages technology to promote worldwide sharing and exchange of knowledge in providing health care for children, with a vision to “create a global community of practice and connect clinicians to improve the care of children worldwide. Its values are to Educate, Innovate, Share, Collaborate, and Research.



*On December 12, 2019, TCH held its second TED MasterClass Touch Point. In small groups, Pediatric faculty engaged in peer mentoring and collaborative learning to prepare their TED Talks. Many of them have learned and applied TED Talk concepts into their teaching practices.*

## TCH Partners with TED Talks

Texas Children's Hospital is the first healthcare organization to collaborate with TED, a nonpartisan foundation. "TED" is an acronym for "technology, entertainment, and design," which describes the mission of the now-famous "Talks" given by individuals on various topics, ranging from science to business to global issues, in more than 100 languages. According to its website, TED Talks is "a nonprofit devoted to spreading ideas, usually in the form of short, powerful talks (18 minutes or less)."

The collaboration with TCH will expand the scope of the TED Talks to include medical concerns, presented by TCH faculty. To that end, 50 pediatric faculty gathered for a TED MasterClass in anticipation of presenting TED Talks in the Summer of 2020. From the 50 attendees, individuals will be selected to present medical TED Talks.

The TED Flagship Conferences are at the heart of TED's mission and are attended by more than 3,000 individuals, who come to hear 100+ speakers address topics in talks touching "upon the most puzzling issues facing our world, plus a distinctive blend of live music, performance and comedy, and opportunities to showcase the power and potential of one's mission." The TED Institute is an immersive program designed to present ideas from within an organization, using the same curatorial approach, storytelling, and formats to unlock an institution's knowledge and innovative thinking. The main goal of all the TED endeavors is to spread great ideas.

The Talks can be accessed through podcasts using a computer, mobile and tablet apps, Smart TV apps (platforms are apple TV, androidTV, SMART TV, Roku, and FireTV), and even Smart speaker apps.

More information is available at <https://masterclass.ted.com/educator>



# BEME Collaboration TEXAS CHILDREN'S IS NOW THE BEME INTERNATIONAL COLLABORATING CENTER



beme

Medical and Health Professional Education

## BEME INTERNATIONAL COLLABORATING CENTER CORE FACULTY

**Aarti Bavare**, Critical Care  
**Nirica Borges**, Critical Care  
**Audrea Burns**, Pediatrician-Scientist &  
Development Program  
**Elizabeth Elliott**, School of Health  
Professions, Physician Assistant Program  
**Saul Flores**, Critical Care  
**Ganga Gokulakrishnan**, Neonatology  
**Shrada Gowda**, Neonatology  
**Aditi Gupta**, Academic General Pediatrics  
**Krithika Ligappan**, Neonatology  
**Kim Little-Wienert**, Emergency Medicine  
**Diane Nguyen**, BIPAI  
**Shweta Parmekar**, Neonatology  
**Matei Petrescu**, Critical Care CHofSA  
**Megha Sebastian**, Adolescent Medicine &  
Sports Medicine  
**Siripoom McKay**, Endocrine  
**Sruthi Thomas**, PM&R and Neurosurgery

## TCH Evidence Academy Introduces PASREV Course March 20 – 21, 2020



Professor Morris Gordon, University of Central Lancashire, UK, Chair of BEME Executive Committee and Editor for Cochrane IBD group, will present the course. It is appropriate for a broad audience interested in developing a set of core skills that are key in conducting various types of knowledge synthesis in the healthcare professions as the new venue for scholarly outputs.

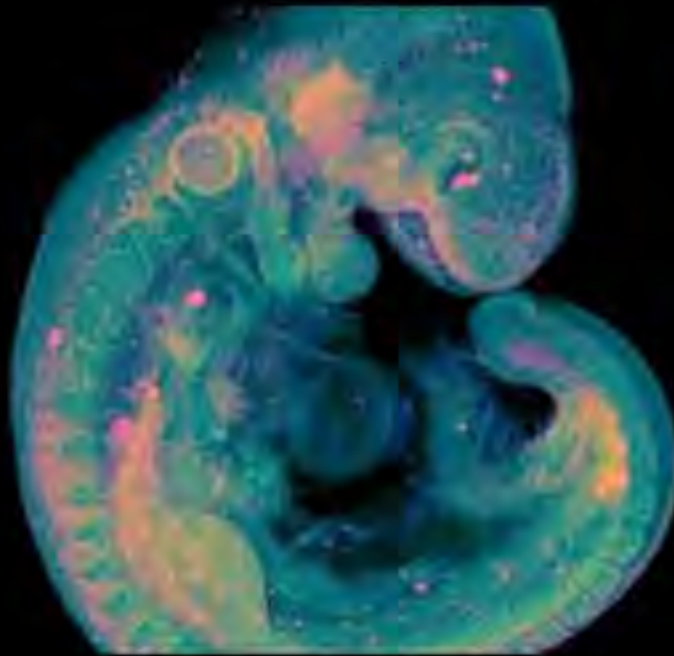
BEME (Best Evidence Medical Education) will present the **PASREV (Practical Skills for Reviewing Evidence in Health Professions Education)** on **March 20 – 21, 2020** at Texas Children's Hospital. The course will cover "Systemic Review" and "Scoping Review."

The **BEME Systemic Review** is similar to Cochrane Review but in health professions education. BEME Reviews require a unique set of skills with different philosophical and theoretical underpinning to determine ways of enhancing outcomes of an educational intervention and/or the effective process of teaching and learning

**BEME Scoping Review** represents an increasingly popular approach to reviewing health research evidence. A scoping review involves "mapping" a process of summarizing a range of evidence and analytical reinterpretation of the evidence in order to convey the breadth and depth of a field.

Contact [CRIS@texaschildrens.org](mailto:CRIS@texaschildrens.org) for more information

# 2020 Pediatric Research Symposium



**Department of Pediatrics  
Annual Pediatric Research and Fellows' Symposium  
Tuesday, March 24, 2020**

Texas Children's Hospital and Baylor College of Medicine's Department of Pediatrics are looking forward to celebrating the research accomplishments of our pediatric research trainees and pediatrics fellows on **March 24, 2020**. The **Pediatric Research and Fellows' Symposium** will feature oral presentations from the top scoring abstract authors, a keynote scientific address, a moderated poster session, a keynote academic presentation, and a workshop focused on "Nothing into Something: The Innovative Journey into Science."

There will be prizes for the most meritorious submissions/presentations across a number of categories. Abstract submission and participation by pediatric subspecialty fellows, post-doctoral research fellows, medical students, graduate students, and other research trainees involved in pediatric research is encouraged.

**Registration deadline is 6:00 pm, February 17, 2020**

For more information, please contact Research Administration at 832-824-3333 or email at [resadmin@texaschildrens.org](mailto:resadmin@texaschildrens.org)



THE CENTER FOR RESEARCH, INNOVATION AND SCHOLARSHIP

# TCH Educational Scholarship Awards

## 2020



## IMPORTANT DATES

LOI Submission: February 3, 2020 (5:00 pm)

Grant Application Submission: April 6, 2020 (5:00 pm)

Notification to Award Recipients: June 1, 2020

[CRIS@texaschildrens.org](mailto:CRIS@texaschildrens.org)

The TCH Educational Scholarship Awards are available for projects relevant to medical education in pediatrics. Priority is given to projects that target college-level students planning to enter medical school, medical student education in pediatrics, pediatric residency, pediatric subspecialty training, continuing medical education for pediatricians, or education and training for non-physician pediatric health care providers.

The Awards program is administered by the Center for Research, Innovation and Scholarship in Medical Education (CRIS). Funds are awarded on a competitive basis. We anticipate non-salary funding for three large projects up to \$40,000 each and eight small projects up to \$15,000 each. The awards are for one calendar year; a 6-month extension, with no additional funds, is available on a case-by-case basis.

# Scholarships

For Pediatric Subspecialty Fellows to Pursue Advanced Degrees



## WHAT

- 10 scholarships of \$5000 per year to be applied toward tuition and fees
- For subspecialty fellows who are pursuing an advanced degree (MPH, MEpi, MEd, MBA) during fellowship training at Baylor College of Medicine.



## WHO

- 2nd year fellow in good standing in an ACGME or TMB Pediatric subspecialty fellowship program (2020-21)
- 1st year fellows enrolling in a two year training program and it is anticipated that completing the advanced degree is an integral part of their fellowship career development plan

## APPLICATION

- Personal Statement (500 words) of how an advanced degree will assist them in pursuing their career goals
- Copy of Individual career development plan
- Letter of support from primary mentor for scholarly work product (research mentor)
- Letter of support from Program Director who will also assure that the clinical rotations will be scheduled so not interfere with completion of coursework

### Datelines:

**Letter of Intent: February 4, 2020**  
**Completed applications: February 25, 2020**



## Medical Education Units for Research & Scholarship (MURS) “Flying High Together”

Based on the nature-inspired optimization model of starlings’ murmuration\*, The Center for Research, Innovation and Scholarship (CRIS) creates networks of scholars, the Medical Education Units for Research/Scholarship (MURS), to foster professional development and scholarly productivity.

MURSS are distributed, autonomous networks of scholars. Each MURS is comprised of 6-7 scholars with shared interests in producing scholarship. They are prescribed to organize the collaborative efforts without hierarchies, thereby allowing group members to explore a vast range of creativity. By creating decentralized intelligence networks of MURS, CRIS does not dictate MURS scholarly pursuits. To promote efficiency and success, CRIS provides scholarly supports (e.g., program evaluation, design consultation), technical support (e.g., instructional technologies, statistics consultation and program administration), and financial support.

A MURS prototype in Bedside Ultrasound Education has demonstrated great success with multiple grants, scholarship, awards, and recognition locally and nationally. Several other MURS groups have been formed and include Evidence Academy, Digital Scholarship and Medical Humanities.

We would like to see more MURS formed within the Department of Pediatrics and beyond. Please contact [CRIS@texaschidrens.org](mailto:CRIS@texaschidrens.org) for more information on how to form a new MURS.

*\*The starlings’ murmuration is a phenomenon created by a flock of starlings to deter predators. This remarkable ability to maintain cohesion as a group in highly uncertain environments has significant consequences for their evolutionary biology. Within a flock of thousands of starlings, seven neighboring members interact and follow three simple rules: cohesion, alignment, and separation. This approach optimizes the balance between group cohesiveness and individual effort.*

## Medical Education Opportunities



Medical  
Humanities  
Symposium


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FALL 2020

**TCH  
Faculty  
College**

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COMMUNITY OF  
EDUCATORS WITH SHARED  
INTEREST IN CLINICAL  
TEACHING AND  
EDUCATIONAL  
SCHOLARSHIP



CRIS  
Scholarly  
Writing Club

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Coming soon....

# CRIS

## Ongoing Academic and Educational Resources



### Norton Rose Fulbright Consultation

Geeta Singhal, MD, MEd  
Anne Gill, DrPH, MS, RN  
Moushumi Sur, MD

The **Norton Rose, L.L.P. Faculty Excellence Award** provides opportunities for Baylor faculty who meet certain standards of quality, quantity, and breadth to receive recognition for their sustained exemplary educational contributions to the College. Awards are given for Teaching/Evaluation, Development of Enduring Educational Materials, Educational Leadership, and Educational Research.

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### Developing and Evaluating Educational Scholarship Consultation

Satid Thammasitboon, MD, MHPE  
Geeta Singhal, MD, MEd  
Teri Turner, MD, MPH, MEd

CRIS faculty provide **consultation** for medical educators who aim to transform academic tasks or services into educational scholarship. For more information, contact [CRIS@texaschildrens.org](mailto:CRIS@texaschildrens.org)

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### Statistics, Instrument Development & Validation Consultation

Shelly Kumar, MS, MSC

CRIS provides **consultation** on statistics, developing research instruments, and validating research results. For more information, contact [CRIS@texaschildrens.org](mailto:CRIS@texaschildrens.org)

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### Writing Workshops & Retreats

B. Lee Ligon, PhD, MA, MA, MAR  
Satid Thammasitboon, MD, MHPE

CRIS offers **interactive workshops** on writing the educational scholarship manuscript. The workshops cover topics such as publication ethics, crafting a rhetorical statement, and establishing personal boundaries for writing, along with hands-on, practical exercises for writing the different components of the manuscript and group and individual consultations. For more information, contact [bligon@bcm.edu](mailto:bligon@bcm.edu)

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### Editing & Didactic Writing Presentations

B. Lee Ligon, PhD, MA, MA, MAR

CRIS and the Department of Pediatrics also provides **writing and editing resources** for medical educators, including:

- **editing** of manuscripts, grant proposals, and other documents for Pediatrics faculty/fellows
- **presentations** on writing academic research manuscripts, case studies, abstracts, ethics of publication

For more information, contact [bligon@bcm.edu](mailto:bligon@bcm.edu)



# EDUCATION EVENT CALENDAR

## **6<sup>th</sup> ANNUAL RESIDENT SCHOLARSHIP DAY**

**June 5, 2020**

**Abstract Submission**

**January 7 – March 9, 2020**

## **2020 SGEA REGIONAL CONFERENCE**

**“The ATL: Transforming Healthcare Education by Advancing Teaching & Learning”**

Hotel InterContinental Buckhead

Atlanta, Georgia

**March 11 – 14, 2020**

<https://www.aamc.org/professional-development/affinity-groups/gea/sgea/meetings>

## **BEME TCH EVIDENCE ACADEMY**

**PASREV Course**

**Pavilion for Women**

**March 20 – 21, 2020**

**Department of Pediatrics**

**ANNUAL PEDIATRIC RESEARCH AND FELLOWS' SYMPOSIUM**

**Tuesday, March 24, 2020**

## **ASSOCIATION OF PEDIATRICS**

**Program Directors Annual Spring Meeting**

**“Building Bridges”**

San Diego, California

**March 30 – April 2, 2020**

<https://www.appd.org/meetings/spring.cfm>

## **ACADEMIES COLLABORATIVE TEACH-S SYMPOSIUM**

Onstead Auditorium

**May 7, 2020**