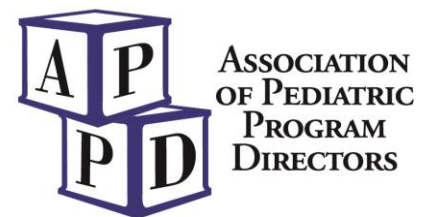


APPD Western Region: Annual Meeting

APPD Virtual Fall Meeting
October 14-16, 2020





Welcome

Lynne C. Huffman MD
Chair, W-APPD Leadership Group



Meeting Agenda

- Regional Updates - Lynne Huffman
- Institutional Reflections - Lynne Huffman
- Election Updates - Megan Christofferson
- Research Presentations - Rachel Cramton, moderator
- Announcing 2020 Grant Recipients - Rachel Cramton
- Workshop: Developing Resiliency While Leading through Uncertainty
 - Vasu Bhavaraju, MD
 - Su-Ting Li, MD MPH
 - Soumya Panchanathan, MD
- Discussion/Closing remarks - Lynne Huffman



Western Region Update

Current Leadership
Regional Finances
2019-2020 Activities



W-APPD: Current Leadership

Region Chair - Lynne Huffman, Stanford DBP

Past Chair - Sylvia Yeh, Harbor UCLA, Peds ID

Vice-Chair, Meetings - Vasu Bhavaraju, Phoenix Children's, Hospitalist

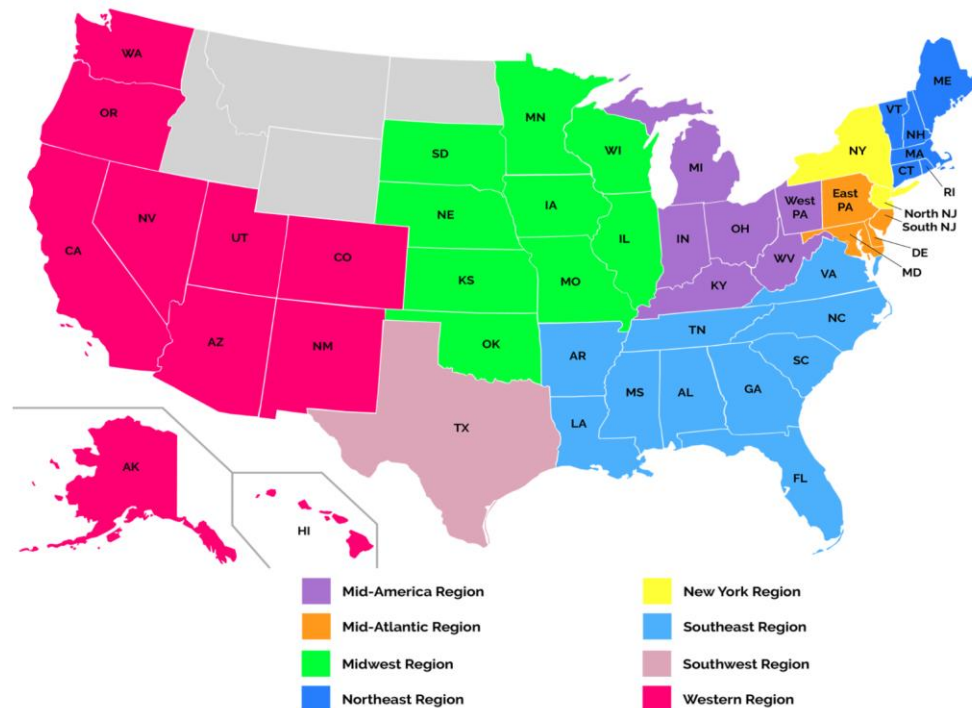
Vice-Chair, Communications - Laura Kester, UC Davis, Adol Med

Vice-Chair, Research & Scholarship - Rachel Cramton, U Arizona, PHM

Vice-Chair, Coordinators - Megan Christofferson, Stanford, Peds GI

Our Western Region!

Alaska, Arizona, California, Colorado, Hawaii,
Nevada, New Mexico, Oregon, Utah, Washington



W-APPD Regional Leadership Responsibilities

- Communicate with region at least twice yearly (via Discussion Board or other means)
- Attend CoRC conference calls
- Attendance by one regional chair/vice-chair per region at face-to-face meetings
- Submit report of activities and future plans twice yearly to APPD Board, prior to APPD Spring and Fall Meetings

W-APPD Regional Leadership Responsibilities

- Submit a regional article for APPD Bulletin
- Coordinate regional meetings, if they occur
 - Within 2 weeks of regional meeting conclusion, provide minutes to the CoRC and APPD Executive Director
- Coordinate election for new regional chair when term ends
- Track and allocate funds generated by regional dues

W-APPD: Finances

	7/15-6/16	7/16-6/17	7/17-6/18	7/18-6/19	7/19-6/20
INCOME					
Western Dues	\$5,000	\$5,200	\$5,400	\$5,600	\$5,600
Western Grants-Return				\$ 44	
TOTAL INCOME	\$5,000	\$5,200	\$5,400	\$5,644	\$5,600
EXPENSES					
Western Scholarships		\$3,000	\$3,000	\$3,000	\$3,000
Western Meetings	\$2,168	\$2,250	\$ 199		
Western - Other	\$ 99				
TOTAL EXPENSES	\$2,267	\$5,250	\$3,199	\$3,000	\$3,000
NET INCOME	\$2,733	-\$ 50	\$2,201	\$2,644	\$2,600

W-APPD: 2019-2020 Activities

- Research grant proposal review and funding
- Planning for W-APPD 2020 Regional Meeting
 - Seattle Children's (Heather McPhillips)
 - Virtual
- Hosts, Western Region Recruitment Webinar for medical students interested in Pediatrics

W-APPD: 2019-2020 Activities

Participation in APPD Council of Regional Chairs meetings (chair, Jay Homme)

- April 2020
 - Regional reports, especially as related to COVID-19 pandemic
 - Challenges, best practices, cross-regional supports
 - National APPD support of regional virtual meetings
- June 2020
 - Regional reports, especially as related to COVID-19 pandemic
 - Plans for fall meetings (if any)
 - Engagement within regions
 - Discussion of Regional Structure
 - Currently approved regional leadership structure
 - Recommendations for leadership rotations
 - Suggestions for any changes; submit to board for review

Institutional Reflections

What has been the most successful pandemic-related innovation in your training program?

What has been the biggest pandemic-related challenge in your training program?

Western Region Program Responses (23 / 30)

- Charles R. Drew U.
- Children's Hosp-
Orange County
- Children's Hosp-
Los Angeles
- Colorado U
- Kaiser Permanente
Northern California
- Kaiser Permanente
Southern California
- Loma Linda U.
- Los Angeles County-
Harbor UCLA Med Ctr
- Madigan Army Med
Ctr
- Naval Medical Ctr
(San Diego)
- Oregon Health and
Science U.
- Phoenix Children's
Hosp
- Stanford U.
- Tripler Army Med Ctr
- Tucson Med Ctr
- U. Arizona-Tucson
- U. Colorado
- U. Hawaii
- U. Nevada Las Vegas
- U. New Mexico
- U. Utah
- U. Washington
- UC Davis
- UC Irvine/CHOC
- UCLA Medical Ctr
- UCSD
- UCSF/CHO
- UCSF/Fresno
- USC/LAC&USC Med
- Valley Children's
Healthcare Prog-Peds

Top 10 successful pandemic-related innovations in your training programs

1. Telehealth
2. Transition to online platform for clinical case discussions, didactics, morning report
3. Remote electives
4. Consolidating didactics across sites and programs
5. Virtual simulation sessions (including hired improv actors to simulate bad news delivery)

Top 10 successful pandemic-related innovations in your training programs

6. Tele-coaching
7. Improved attendance for on-line didactics
8. Pivot of large department events like graduation, orientation and recruitment online
9. Training/teaching opportunities during virtual patient visits
10. Team-building

Top 10 pandemic-related challenges in your training programs

1. Decreased patient volumes
2. Inadequate space for physical distancing at hospital
3. Difficulties connecting with the new interns, residents, fellows and faculty
4. Isolation, declining wellness
5. Institutional red-tape, mixed messages, varying approval chains

Top 10 pandemic-related challenges in your training programs

6. Engagement in online didactics - attendance has increased, but active participation has decreased
7. Financial constraints of hospital (hiring freezes, cuts, limited support)
8. Difficulties implementing telemedicine clinics
9. Inability to work in community settings (juvenile detention center, refugee center, etc)
10. Virtual recruitment



Elections

Megan Christofferson, BA, C-TAGME
Vice-Chair for Coordinators

Current Region Leadership Structure

- Region Chair
- Past Chair
- Vice-Chair for Meetings
- Vice-Chair for Communications
- Vice-Chair for Research and Scholarship
- Vice-Chair for Coordinators

Consider: Designate Vice-Chair for Coordinators as leader of election processes.

Current Election Protocols

- All Vice-Chairs are elected for a term of two years (current term 2019-2021)
- Vice-Chair of Meetings, Communications, and Research & Scholarship nominated from the region's PDs and APDs
- Vice-Chair for Coordinators nominated from region's coordinators
- Regional Chair is elected from the previous term's Vice-Chairs

Consider: Stagger Vice-Chair terms, to facilitate smooth transitions from term to term and to maintain historical memory.

Upcoming Election

- Call for nominations will go out before end of calendar year
- Voting will take place in February/March
- New W-APPD Chair and Vice-Chairs will be announced at APPD Annual Spring Meeting



W-APPD Research: Presentations and Announcements

Rachel Cramton

Vice-Chair for Research and Scholarship

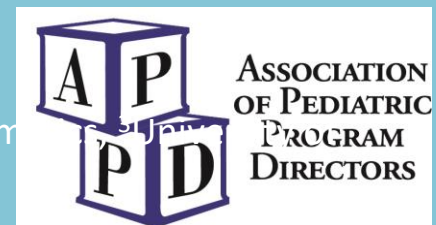
A Sorting Hat for Residency Selection: Creating a Holistic Screening Tool for ERAS Using Machine Learning

APPD National Fall Meeting 2020



Ben Drum MD, PhD, PGY-3, Internal Medicine/Pediatrics¹, Casey Gradick, MD¹,
Mazen Salama, MD², John Hurdle, MD, PhD², Sara Lamb, MD³

¹University of Utah Internal Medicine & Pediatrics, ²University of Utah Biomedical Informatics, ³University of Utah School of Medicine



Current Work

ACGME Core
Competencies

Characteristics
Elicited

Academic Strength

y=Leadership top features		y=MP-commitment top features		y=Professionalism top features		y=Communication top features		y=Compassion top features	
Weight?	Feature	Weight?	Feature	Weight?	Feature	Weight?	Feature	Weight?	Feature
+3.258	leadership	+3.832	medpeds	+4.290	professional	+3.436	rapport	+3.633	compassionate
+2.361	leader	+3.201	pediatrics	+3.859	professionalism	+3.192	communication	+3.486	compassion
+2.181	design	+2.601	medicinepediatrics	+2.248	reliable	+3.152	communicator	+3.281	empathy
+1.998	organize	+2.179	peds	+2.049	mature	+2.464	communicate	+2.443	empathetic
+1.976	mentor	+2.167	med	+1.911	advocate	+2.419	bedside	+1.709	volunteer
+1.675	mentorship	+2.144	internal	+1.894	punctual	+2.230	manner	+1.649	humanism
+1.603	selfstarter	+1.745	pediatric	+1.852	prepare	+2.203	skills	+1.564	provide
+1.539	project	+1.647	medicine	+1.676	nice	+2.022	present	+1.563	philanthropy
+1.524	firstauthored	+1.256	residency	+1.581	respectful	+1.847	poster	+1.545	empathic
+1.493	network	+1.136	interest	+1.576	time	+1.803	warm	+1.440	patients
+1.438	assist	+1.063	day	+1.572	accountability	+1.690	interact	+1.431	service
+1.429	clinic	+1.038	national	+1.545	pleasant	+1.613	patients	+1.404	honor
+1.415	create	+1.006	adult	+1.506	professionally	+1.547	love	+1.374	construction
+1.370	university	+1.002	adults	+1.504	beneath	+1.493	families	+1.342	wellbeing
+1.309	study	+0.878	association	+1.364	trustworthy	+1.483	interpersonal	+1.266	genuine
+1.297	manuscripts	+0.860	dual	+1.152	dependable	+1.451	easily	+1.263	hours
+1.294	grant	+0.846	career	+1.151	true	+1.360	communications	+1.204	shelter
+1.283	students	+0.809	research	+1.143	justice	+1.289	presentation	+1.201	jackson
+1.274	chapter	+0.788	commitment	+1.122	courteous	+1.246	demeanor	+1.155	community
+1.214	first	...	367 more positive ...	...	129 more positive ...	...	374 more positive ...	+1.155	children
...	1169 more positive ...	...	3390 more negative ...	...	3628 more negative ...	...	3383 more negative ...	...	726 more positive ...
...	2588 more negative ...	-1.029	<BIAS>	-1.213	warm	-1.169	empathy	...	3031 more negative ...

Systems-Based Practice

Professionalism

Flexibility

Th
a
su

ool
of
al

Roadblocks

Medical

05/2016 -
07/2016

Description:

Screened Douglas County Jail inmates for Hepatitis C through funding received from a North Omaha Area Clinic grant.

Reason for Leaving:

Work Experience

New West Physical
Therapy, Kearney, NE,
United States

Description:

Physical Therapy
Technician

08/2011 -
08/2014

Assisted physical therapist
and kept treatment areas clean

New "Flexibility"
New "Leadership"
New "Compassion"
New "Well-Rounded"
New "Humility"
New "Communication"
New "Diversity"
New "MP-commitment"
New "Academic-Strength"
New "Work-Ethic"
New "Teamwork"
New "Professionalism"
New "Utah-Commitment"
New "Self-aware"
New "initiative"
New "Flexible"
New "superlative"
New "red flag"
New "MP commitment"

...ses. Helped perform receptionist duties

Next Steps

- Trial new method of collecting annotations
- Continuing to refine the algorithm and use new machine learning techniques to create the Holistic Application Score
- Evaluate the Holistic Application Score compared to traditional methods
- Use Holistic Application Scoring as an adjunctive measurement to determine interviews
- Integrate the Holistic Applicant Score into the interview process
- Collaborate to expand to other training sites

OCTOBER 14TH, 2020

Effectiveness of a Multimodal Curriculum on Improving Pediatric Resident Competency in the Guideline-Based Management of Pediatric Severe Sepsis

A Western Association of Pediatric Program Directors (W-APPD)-Funded Grant Project
COMIRB: 19-1554

GRANT RECIPIENT:

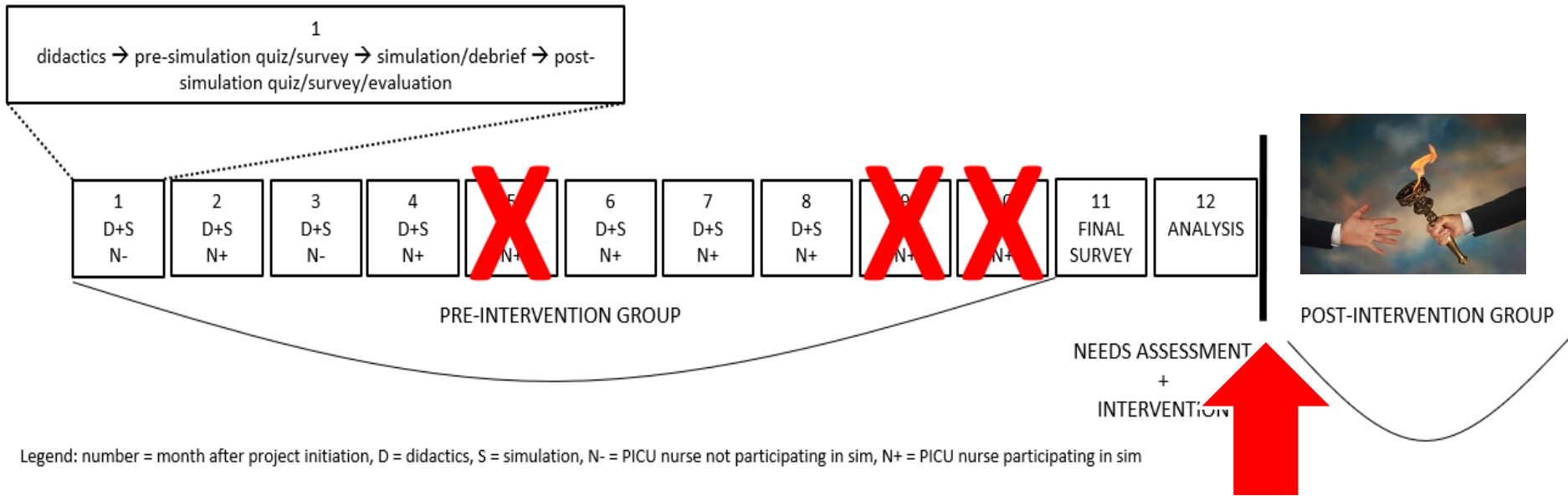
Ryan M. Fredericks, MD
Assistant Professor, University of Kentucky College of Medicine
Department of Pediatric Critical Care Medicine

MENTOR:

Angela S. Czaja, MD, MSc, PhD
Associate Professor, University of Colorado School of Medicine
Department of Pediatric Critical Care Medicine

Project Update

PROJECT TIMELINE



Legend: number = month after project initiation, D = didactics, S = simulation, N- = PICU nurse not participating in sim, N+ = PICU nurse participating in sim

Surprises

- Residents were great at giving meaningful feedback even though they were busy
- 2/3rds of resident teams failed to ask additional, pertinent history during the simulation
- The new Pediatric Surviving Sepsis Campaign International Guidelines were released during the study period (February 2020)

Obstacles

- Coordinating *in situ* simulations with residents +/- available nurses was difficult
- Took longer for interim analyses of data than anticipated
- COVID-19
 - Unable to perform simulations during spring/early summer
 - Unable to integrate curricular modification prior to my graduation → transitioned project to current fellows

Next Steps

- Continue working with current fellows at CHCO who took over the project (Kevin Kilgallon, MD and Lauren Castaneda, MD) during this transition period
- Analyze the data including the Final Survey data and integrate all data for curricular modification followed by post-intervention data collection
- Learn simulation-based medical education (SBME) skills during current Fellowship in Medical Simulation at Cincinnati Children's Hospital and integrate them into the project
- Publish findings in a educational/simulation journal vs. MedEd Portal

Special Thanks



Western Association of Pediatric Program Directors

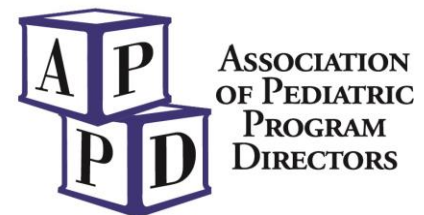
Mental Health “Basic Life Support”: Utilizing a suicide prevention skills training curriculum in an urban pediatric residency program

Eesha Farooqi, MD

Mentor: Oriaku Kas-Osoka, MD, MEd

UNLV SOM Pediatrics

Las Vegas, NV



Specific Aims

Hypothesis:

- 1) Pediatric resident physicians have low baseline knowledge, skills and average confidence in basic suicide prevention techniques and methods.
- 2) After implementation of the ASIST training program, resident knowledge and skills of suicide prevention will increase by 50% and resident confidence in addressing suicidal behaviors will increase by 25% over a one year time period.

Goal: Increase pediatric resident physician knowledge and attitudes around suicide prevention in order to intervene with high-risk youth, therefore effectively learning mental health “basic life support”.

Updates

- Suicide curriculum was implemented in January 2020
- Initial impressions :
 - Increase in the knowledge/skills combined score (out of 10 questions total) from 60% correct to 80% correct and an improvement in the confidence score from low-average confidence to acceptably confident, as depicted in the graphics (next slide)
 - Additionally, post-survey data reflected that the ASIST workshop was “very valuable” in education

	None at all	Very low	Somewhat	Acceptably	Very confident
Asking someone if they have thoughts of suicide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Recognizing suicide warning signs	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sharing multiple resources for help with suicide	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intervening if someone shares signs that they may be suicidal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Establishing a safe plan for high-risk individuals	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	None at all	Very low	Somewhat	Acceptably	Very confident
Asking someone if they have thoughts of suicide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
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Establishing a safe plan for high-risk individuals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

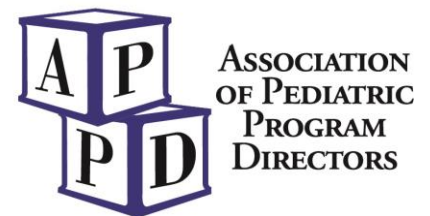
Surprises/Limitations

- 1) Prolonged waiting period before IRB approval
 - a) Delayed implementation of the curriculum and time for completion of study
- 2) ASIST workshops are provided by a state-wide coalition in part of the Zero-Suicide initiative of Nevada
 - a) Difficult to coordinate residency schedules with pre-set workshop dates set by a higher body
- 3) Coronavirus world-wide shutdown
 - a) About 2 months into implementation, courses were unable to be offered/attended 2/2
 - b) No virtual options have arisen yet

Next Steps

- All next steps are pending reopening/renewal of ASIST suicide prevention classes
- New team members were identified in two separate resident classes so that the study can continue once ASIST is offered again

2020 W-APPD Grant Winners





Adrienne Hoyt-Austin, DO

UC Davis, Academic General Pediatrics Fellowship

Breastfeeding Education in the Time of COVID-19

Hybrid telesimulation with standardized patients for Pediatrics and Family Medicine trainees, a randomized trial



Marcos Mills, MD

Stanford University, Pediatric Residency

**A Novel Curriculum for Communication Skills
Training Using Virtual Reality Simulations**



Jessica Moriarty, MD

Stanford University, Pediatric Hospital Medicine
Fellowship

Understanding medical student, resident, and
faculty perspectives of team-based emotional
debriefing in pediatric clinical education



Workshop: Developing Resiliency While Leading through Uncertainty

Vasu Bhavaraju, MD
Su-Ting Li, MD MPH
Soumya Panchanathan, MD



Discussion and Closing Remarks

Lynne Huffman