

PEDSnet Scholars Program Overview 2021-22, Learning Opportunities and Related Competency Areas

Sessions (Non sequential)	Learning Opportunity	Faculty (Name, Institution)	Primary LHS Competency Domain/s								
			Career, mentorship, grantsmanship	Engagement, leadership, and research management	Ethics of LHS research	Improvement & implementation science	Informatics	Research methods	Stakeholder-informed research and Patient centeredness	Systems science	Health justice and equity
Quarter and semi annual	Research, Health System, and PEDSnet mentor meetings	Scholar mentorship team									
Ongoing	Scholar research/QI project	Scholars									
1	Introductions and Program Launch	Christopher Forrest, MD, PhD, Children's Hospital of Philadelphia									
2	Introduction to Learning Health Systems Science and AHRQ Competencies	Christopher Forrest, MD, PhD, Children's Hospital of Philadelphia									
3	PEDSnet Scholar Development Plan	Christopher Forrest, MD, PhD, Children's Hospital of Philadelphia									
4	Tips to Getting Published: An Insider's Guide to Journal Editor's Thinking	Dimitri Christakis MD, MPH, Seattle Children's Hospital									
5	Federal Funding Opportunities for Learning Health System Science Part I	Christopher Forrest, MD, PhD, Children's Hospital of Philadelphia									
6	Federal Funding Opportunities for Learning Health System Science Part II	Christopher Forrest, MD, PhD, Children's Hospital of Philadelphia									
7	PCORI Grantsmanship: A Rare Disease Observational Study in Pediatric Chronic Kidney Disease: PRESERVE	Michelle Denburg, MD, MSCE, Children's Hospital of Philadelphia									

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8	Building Successful Mentor Mentee Relationships	Don Goldman, MD, Institute for Healthcare Improvement and Boston Children's Hospital									
9	Leadership	Trish DeRusso, MD, MS, Children's Hospital of Philadelphia									
10	Quality and Safety Leaders Panel 1	PEDSnet institutions									
11	Quality and Safety Leaders Panel 2	PEDSnet institutions									
12	Quality and Safety Leaders Panel 3	PEDSnet institutions									
13	Quality and Safety Leaders Panel 4	PEDSnet institutions									
14	2021 AHRQ Annual Meeting Career Development forum • Working Toward Being an Independent Investigator • Advocating for Embedded Research with Leadership in Health Systems • Employment Pathways • Networking • Managing Competing Work Demands and Priorities • Employment Opportunities and LHS Career Options • Strategies and Methods for Patient-Centered Research • Scholar Presentations	AHRQ, PCORI, K12 program project directors and scholars									
15	2022 AHRQ Annual Meeting TBD										
16	The Social Science of Learning Healthcare Systems	Michael Seid, PhD, Cincinnati Children's Hospital Medical Center									

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17	Patient and Family Engagement in Research Part I	Amy Kratchman, BA, Children's Hospital of Philadelphia										
18	Patient and Family Engagement in Research Part II	Amy Kratchman, BA, Children's Hospital of Philadelphia										
19	Engagement Plan: Peer to peer discussions	Scholars										
20	Works in Progress Sessions 1	Scholars										
21	Works in Progress Sessions 2	Scholars										
22	Works in Progress Sessions 3	Scholars										
23	Works in Progress Sessions 4	Scholars										
24	Complex Interventions: Pediatric KIDney Stone Care Improvement Network- Comparative Effectiveness of Pediatric Kidney Stone Surgery	Gregory Tasian, MD, MSc, MSCE, Children's Hospital of Philadelphia										
25	Adaptive Design for Clinical Trials	Katherine Deans, MD, MHSc, Nationwide Children's Hospital										
26	Quasi-Experimental Design	Christopher Forrest, MD, PhD, Children's Hospital of Philadelphia										
27	Regulatory Considerations in Learning Health Systems Science	Erica Sood, PhD, Nemours Children's Health										
28	2021 Cohort Capstone Presentations											
29	2021 Cohort Capstone Presentations											
30	2023 Cohort Capstone Presentations											
31	2023 Cohort Capstone Presentations											

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32	Conceptualizing and Measuring Outcomes in Children	Christopher Forrest, MD, PhD, Children's Hospital of Philadelphia										
33	Patient Reported Outcomes in Children	Carole Tucker, PhD, University of Texas Medical Branch Galveston										
34	Introduction to a personal Quality Improvement Project	Don Goldman, MD, Institute for Healthcare Improvement and Boston Children's Hospital										
35	Peer to peer discussion QIP	Scholars										
36	QIP Report Out 1	Scholars										
37	QIP Report Out 1	Scholars										
38	Implementation Science I	TBD, University of Pennsylvania										
39	Implementation Science II	TBD, University of Pennsylvania										

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40	Implementation Science: Stakeholder Engagement Methods to Shape Implementation Strategies	Anne Kazak, PhD, ABPP, Nemours Children's Health										
41	Learning Health System Science in Learning Networks Session 1	Peter Margolis, MD, PhD, Cincinnati Children's Hospital Medical Center										
42	Learning Health System Science in Learning Networks Session 2	Peter Margolis, MD, PhD, Cincinnati Children's Hospital Medical Center										
43	Featured article discussions (Stepped wedge, process evaluations)	Don Goldman, MD, Institute for Healthcare Improvement and Boston Children's Hospital										
44	Overview of the Digital Infrastructure of Learning Health System	Marc Rosenman, MD, Lurie Children's Hospital										
45	Using EHR data for research and standardized data models and vocabularies Introduction to ATLAS	PEDSnet Data Coordinating Center, Children's Hospital of Philadelphia										
46	A Learning Health System Response to COVID-19	Grace Lee, MD, Stanford Children's and Suchitra Rao, MBBS, MSCS, Children's Hospital Colorado										

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47	Promoting Equity in Learning Health Systems Session 1	TBD									
48	Promoting Equity in Learning Health Systems Session 2	TBD									