Perelman School of Medicine
University of Pennsylvania

Advancing children's mental health services through integrated care models and implementation science

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The AAP, AACAP, and CHA advocate for:

- Increased implementation and sustainable funding of effective models of **school-based mental health care**
- Accelerated adoption of effective and financially sustainable models of integrated mental health care in **primary care** pediatrics
- Strengthening emerging efforts to **reduce the risk of suicide** in children and adolescents through prevention programs in schools, primary care, and community settings

https://pubmed.ncbi.nlm.nih.gov/35007120/

Implementation science:
How do we get people and systems to change their behavior?

Non-specialty mental health settings:
Critical context for accessibility!

Who should care about implementation?

Patients and families	Researchers	Clinicians	Payers & health systems	Regulators

Slide courtesy of Meghan Lane-Fall, MD

Key features of IS

- There is an evidence-based "thing" to be implemented
- Implementation science is done in partnership with patients/clients, communities, stakeholders
- IS outcomes are different than traditional effectiveness outcomes
- Contextual nuance is informative, not problematic
- IS uses specific language, methods, theories, frameworks, and strategies

Williams & Beidas, *J Child Psychol Psychiatry* 2019; 60(4):430-450

School-based mental health services

- Increased implementation and sustainable funding of effective models of **school-based mental health care**

Improving collaboration and communication between mental health service providers and educators

Team Strategies and Tools to Enhance Performance and Patient Safety (TeamSTEPPS) to Improve Collaboration in School Mental Health: Protocol for a Mixed Methods Hybrid Effectiveness-Implementation Study

Aparajita Kuriyan[1]; Grace Kinkler[1]; Zuleyha Cidav[1,2]; Christina Kang-Yi[1,2]; Ricardo Eiraldi[3,4]; Eduardo Salas[5]; Courtney Benjamin Wolk[1,2]

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Enhancing mental health consultation to teachers

School Mental Health
https://doi.org/10.1007/s12310-024-09645-x

ORIGINAL PAPER

A Community-Partnered Process for Adapting a Mental Health Teacher Consultation Model for a Large-Scale Roll-out in Urban Schools

Jordan Albright[8] · Julie Worley[1] · Samantha Rushworth[1] · Elise Cappella[3] · Sophia Hwang[4] · Shannon Testa[1] · Biiftu Duresso[1] · Natalie Dallard[5] · Jayme Banks[6] · Cherry Du[5] · Gwendolyn M. Lawson[7,9] · Courtney Benjamin Wolk[1,2]

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Primary care

- Accelerated adoption of effective and financially sustainable models of integrated mental health care in **primary care** pediatrics

- Strengthening emerging efforts to **reduce the risk of suicide** in children and adolescents through prevention programs in schools, primary care, and community settings

The Penn Integrated Care (PIC) program

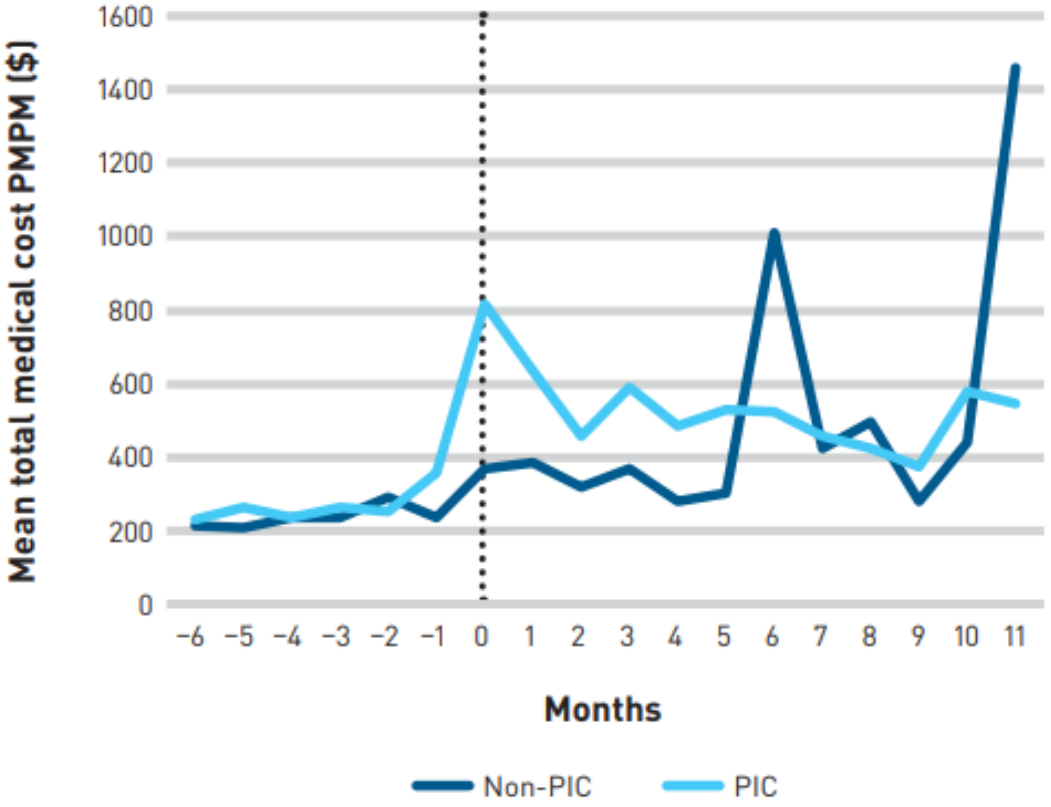
- We developed and implemented a new model of Collaborative Care that includes a triage and referral management system to address workforce shortages
- Implemented initially in 8 adult internal medicine and family medicine practices (now 40)
- Expanded to adolescent services in family medicine

Impact of the Collaborative Care Model on Medical Spending

Courtney Benjamin Wolk, PhD; Eric Wilkinson, PhD; Cecilia Livesey, MD; David W. Oslin, MD; K. Ryan Connolly, MD, MS; Aaron Smith-McLallen, PhD; and Matthew J. Press, MD, MSc

***Am J Manag Care*. 2023;29(10):499-502. doi:10.37765/ajmc.2023.89438**

FIGURE. Mean Total Medical Costs PMPM From the 6 Months Prior to PIC Implementation Through 12 Months of PIC Implementation

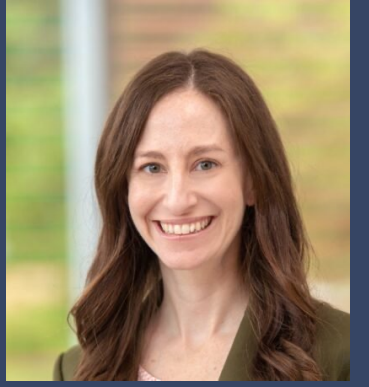


PIC, Penn Integrated Care; PMPM, per member per month.

Independence

Penn Medicine

Suicide prevention in primary care



Shari Jager-Hyman, PhD
University of Pennsylvania

- Develop acceptable, feasible, low-cost, and effective strategies that increase patients' attendance at a first mental health visit following identification of suicide risk in primary care
  - EHR/Claims data
  - Qualitative interviews and observations
  - Rapid prototyping and piloting

This work was supported by NIMH (R21MH123851)

Future directions

- Cross-setting implementation strategies
- Incentivize and reduce barriers to collaboration and integrated care models
- Generalizable approaches and implementation toolkits

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Are you a leader with expertise in youth behavioral health?

We are recruiting leaders from:

- **Managed care organizations**
- **State Medicaid programs**
- **Youth mental health advocacy groups**
- **Professional societies that represent adolescent health and wellbeing**

Brief, one-time interviews focused on adolescent mental health needs, priorities, and potential solutions will be conducted over Zoom. You will receive $75 as a token of appreciation for your time.

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https://redcap.link/YouthMHR01