

*The National Academies of*  
**SCIENCES • ENGINEERING • MEDICINE**  
TRAINING THE FUTURE CHILD HEALTHCARE WORKFORCE TO IMPROVE  
BEHAVIORAL HEALTH OUTCOMES FOR CHILDREN, YOUTH, AND FAMILIES

NOVEMBER 29-30, 2016

THE NATIONAL ACADEMIES  
2101 CONSTITUTION AVENUE, NW  
WASHINGTON, DC

**AGENDA**

Responsibility for the behavioral health of children has traditionally been shared among families, education systems, communities, and the health care system. Within the health care sector, the most intensively trained professionals in the clinical behavioral sciences, such as psychiatrists, psychologists, and social workers, have shouldered much of the responsibility, and roles of these professionals have focused largely on treating those who have disabling behavioral health conditions. There has been relatively little attention paid by any segment of the health care field to behavioral health promotion and the prevention of behavioral disorders starting early in life, or to early detection and intervention for conditions that emerge in youth.

Childhood mental health diagnoses are increasing in absolute numbers as well as in proportion to the total childhood population in the United States. This documented increase is adding to the care and cost burden for children at alarming rates, and behavioral disorders in children and youth very often are a source of disability in adulthood. The opportunity to mitigate risk or behavioral health conditions is likely to be greatest for young children in their first years of life. While interventions are found to be efficacious in preventing cognitive, affective, and behavioral health disorders in young children and adolescents, their adoption in the health care system has been slow. Moreover, with few exceptions, current training in many fields that focus on the health of young children and adolescents falls short of recognizing that behavioral disorders represent one of the largest challenges in children's health and acknowledging the need to change cognitive, affective, and behavioral health outcomes for children at a population level in the United States. Workshop panelists and participants will discuss the needs for workforce development across the range of healthcare professions working with children, youth, and families, as well as identify innovative training models and levers for change to enhance training.

**PLANNING COMMITTEE**

Thomas F. Boat, M.D. (*Co-Chair*), Cincinnati  
Children's Hospital Medical Center

Laurel K. Leslie, M.D., M.P.H. (*Co-Chair*),  
American Board of Pediatrics and Tufts  
University School of Medicine

Harolyn M.E. Belcher, M.D., M.H.S., Johns  
Hopkins University School of Medicine and  
Kennedy Krieger Institute

Gregory Fritz, M.D., Bradley Hasbro Children's  
Research Center

Bianca K. Frogner, Ph.D., University of  
Washington

Elizabeth Hawkins-Walsh, Ph.D., CPNP, PMHS,  
Catholic University of America

Kimberly Eaton Hoagwood, Ph.D., New York  
University School of Medicine

Marshall "Buzz" Land, Jr., M.D., University of  
Vermont

Mary Ann McCabe, Ph.D., ABPP, George  
Washington University School of Medicine;  
George Mason University

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DAY 1: NOVEMBER 29, 2016

8:00 a.m.      Networking Breakfast

8:30 a.m.      Welcome and Workshop Framing: Preparing the Future Healthcare Workforce to Promote the Behavioral Health and Wellbeing of Children, Youth, and Families  
*Laurel Leslie, M.D., M.P.H., American Board of Pediatrics and Tufts University School of Medicine*

8:50 a.m.      Keynote: What is Needed to Prepare the Future Healthcare Workforce? Perspectives from Parents

OBJECTIVES. During this keynote session, the panel of parents will describe their experiences in the healthcare system. From their perspective, these parents will share the strengths and gaps they identify in the current behavioral healthcare system for children, youth, and families.

*Moderator: Deborah Klein Walker, Ed.D., Global Alliance for Behavioral Health and Social Justice*

- Rebecca Mueller, Mother of a child with ADHD
- Breck Gamel, Mother of Bennett, a 7-year-old with cystic fibrosis
- V. Robyn Kinebrew, Mother of Kaleb and Kameron (twins with sickle cell), and Kevin Kinebrew;
- Lynda Gargan, Ph.D., National Federation of Families for Children's Mental Health
- Millie Sweeney, M.S., Family Run Executive Directors Leadership Association (FREDLA)

10:00 a.m.      Session 1: The National Landscape: The Healthcare Workforce and Training Processes

OBJECTIVES. This session provides an overview of the current and projected healthcare workforce and of the status of training across multiple disciplines that may be part of the care system for children, youth, and families. Specifically, panelists will look at workforce numbers and supply; current and projected prevention and behavioral science needs of children and families; gaps in workforce training, certification, credentialing, and accreditation; current training competencies and requirements across disciplines; and changes in training environments that would optimize behavioral health services.

*Moderator: Costella Green, M.H.S., Substance Abuse and Mental Health Services Administration (SAMHSA)*

- Angela Beck, Ph.D., M.P.H., Behavioral Health Workforce Research Center, University of Michigan
- Susan A. Chapman, Ph.D., M.P.H., RN, FAAN, Healthforce Center, University of California, San Francisco
- Johanna Bergan, Youth M.O.V.E. National
- Thomas Boat, M.D., Cincinnati Children's Hospital Medical Center
- Christen Johnson, M.D./M.P.H. Candidate 2017, Wright State University Boonshoft School of Medicine; Student National Medical Association

11:00 a.m. Break

11:15 a.m. Session 2: Table Discussion on Levers for Change to Prepare the Future Healthcare Workforce to Provide Optimal Behavioral Healthcare for Children, Youth, and Families

OBJECTIVES. This session focuses on discussing levers for change in table groups. The areas of discussion are below:

1. Improving training to focus on optimal *behavioral health promotion and risk prevention by implementing multigenerational surveillance* and interventions
2. Incorporating exposure to *evidence-based practices* into content and assessment of training programs
3. Fostering a future *integrated, interprofessional care* through multiple mechanisms (co-location/integration, co-management, efficient and effective handoffs)
4. Improving training on the behavioral health *needs of children with disabilities and chronic medical conditions* and their families
5. Engaging patients and parents in *co-promotion of behavioral health* to improve care in the patient encounter as well as systematically in setting standards and developing content for training programs
6. Using the *power of program accreditation, professional certification, and credentialing* to improve training regarding behavioral health across professions
7. Enhancing training for healthcare professionals to improve the behavioral health of children, youth, and families involved in *other child-serving systems* (e.g., schools, prisons, group homes, residential facilities, child welfare)
8. Examining how current *reimbursement for training and clinical care* limits a focus on the behavioral health of children, youth, and families and identifying possible solutions

12:30 p.m. Working Lunch  
Reporting back from previous session  
Marshall "Buzz" Land, Jr., M.D., University of Vermont

1:30 p.m. Session 3: Promising Training Models that Constructively Take Advantage of Levers of Change

OBJECTIVES. This session highlights models that engage in improving training in the following areas: behavioral health promotion and risk prevention; multi-generational focus; incorporation of evidence-based practices; co-production with parents and families from varied socio-demographic groups and different needs; integrated, interprofessional training and team-based care; children with disabilities and chronic medical conditions and their families.

Moderator: Harolyn M.E. Belcher, M.D., M.H.S., Johns Hopkins University School of Medicine and Kennedy Krieger Institute

- Bernadette Melnyk, PhD, CPNP, PMHNP, Ohio State University
- Susan McDaniel, Ph.D., Department of Psychiatry, University of Rochester and American Psychological
- Terry Stancin, Ph.D., Case Western Reserve University School of Medicine and MetroHealth Medical Center
- Lisa de Saxe Zerden, M.S.W., Ph.D., School of Social Work, UNC
- Parinda Khatri, Ph.D., Cherokee Health Systems
- Mary Ann McCabe, Ph.D., ABPP, George Washington University School of Medicine; George Mason University

2:45 p.m. Break

3:00 pm Session 4: Accreditation, Certification, and Credentialing: Levers for Training the Healthcare Workforce to Promote Children's Behavioral Health

OBJECTIVES. This session addresses the functions of regulatory bodies that accredit training programs and certify individuals and their possible roles as levers of change for improving training of the healthcare workforce.

*Moderator: Jeffrey Hunt, M.D., Bradley Hasbro Research Center, Alpert Medical School at Brown University*

- Adele Foerster, MSN, RN, CPNP-PC/AC, Pediatric Nursing Certification Board (PNCB)
- Alison Whelan, M.D., Association of American Medical Colleges (AAMC)
- Julia McMillan, MD, Johns Hopkins School of Medicine
- Ryan Beveridge, Ph.D., University of Delaware
- Susan Burger, Families Together in New York State
- Marci Nielsen, Ph.D., M.P.H., Patient-Centered Primary Care Collaborative

4:30 p.m. Emerging Themes From Day 1

*Laurel Leslie, M.D., M.P.H., American Board of Pediatrics and Tufts University Medical School*

- Millie Sweeney, M.S., Family Run Executive Directors Leadership Association (FREDLA)
- V. Robyn Kinebrew, Mother of Kaleb and Kameron (twins with sickle cell), and Kevin Kinebrew;
- Lynda Gargan, Ph.D., National Federation of Families for Children's Mental Health

4:40 p.m. Adjourn to Reception

4:45 p.m. Reception and Digital Poster Session

## DAY 2: NOVEMBER 30, 2016

8:00 a.m.      Networking Breakfast

8:30 a.m.      Welcome and Day 1 Reflections  
*Thomas Boat, M.D., Cincinnati Children's Hospital Medical Center*

8:45 a.m.      Session 5: Enhancing Training For Healthcare Professionals to Improve the Behavioral Health of Children, Youth, and Families Involved in Other Child-Serving Settings

**OBJECTIVES.** This session examines how to enhance training, reimbursement, and supervision to improve behavioral healthcare for children, youth, and families who are involved in other child-serving systems.

*Moderator: José Szapocznik, Ph.D., University of Miami Miller School of Medicine*

- Elizabeth H. Connors, Ph.D., University of Maryland School of Medicine
- David Kolko, Ph.D., ABPP, University of Pittsburgh School of Medicine and Western Psychiatric Institute
- Christopher Bellonci, M.D., DFAACAP, Tufts Medical Center

9:45 a.m.      Session 6: Leveraging Efforts for Collaborative Change

**OBJECTIVES.** This session describes current change efforts in financing/reimbursement, training, and innovative healthcare delivery models that are being fostered by federal entities, professional organizations, and foundations in an effort to highlight opportunities for collaboration.

*Moderator: Elizabeth Hawkins-Walsh, Ph.D., CPNP, PMHS, Catholic University of America*

- Ellen-Marie Whelan, Ph.D., Centers for Medicare and Medicaid (CMS) Innovation Center
- Lauren Raskin Ramos, M.P.H., Maternal and Child Health Bureau, Health Resources & Services Administration
- W. Douglas Tynan, Ph.D., American Psychological Association
- Barbara Ward-Zimmerman, Ph.D., Child Health and Development Institute of Connecticut
- Benjamin F. Miller, Psy.D., Eugene S. Farley, Jr. Health Policy Center, University of Colorado School of Medicine

11:00 a.m.      Break

11:15 a.m.      Session 7: Table Discussion on Actionable Steps

**OBJECTIVES.** This session focuses on employing the combined expertise of the workshop participants to identify actionable next steps.

- What are actionable steps that can be taken to move this work forward?
- Which stakeholders need to be involved in these efforts?
- What one step will you take as an individual in the next month?

- 12:00 p.m.      Reporting Back  
*Marshall "Buzz" Land, Jr., M.D., University of Vermont*
- 12:40 p.m.      Key Themes and Action Steps  
*Laurel Leslie, M.D., M.P.H., American Board of Pediatrics and Tufts University Medical School*
- Rebecca Mueller, Mother of a child with ADHD
  - Breck Gamel, Mother of Bennett, a 7-year-old with cystic fibrosis
- 12:55 p.m.      Closing Remarks  
*Thomas Boat, M.D., Cincinnati Children's Hospital Medical Center*
- 1:00 p.m.      Adjourn & Lunch