

Point of Care Technologies and Digital Health

APRIL 21-22, 2026 | WILLIAM H. NATCHER CONFERENCE CENTER

NIH Research and Innovation Translation Partnerships Conference and Technology Showcase: Point of Care Technologies and Digital Health

APRIL 21, 2026

Day 1

8:30 AM

Welcome Remarks and Conference Agenda

Auditorium

Tiffani Bailey Lash, Ph.D.

National Institute of Biomedical Imaging and Bioengineering, NIH, DHHS

Atam Dhawan, Ph.D.

New Jersey Institute of Technology

9:00 AM

Emerging Technologies in Action

Auditorium

Jayanta Bhattacharya, M.D., Ph.D., NIH Director

National Institutes of Health, DHHS

Bruce Tromberg, Ph.D., NIBIB Director

National Institute of Biomedical Imaging and Bioengineering, NIH, DHHS

10:15 AM

Break

10:30 AM

Distinguished Lecture: Leveraging Data Science to Advance Precision Medicine Through Point of Care Technologies for Heart, Lung, Blood and Sleep Diseases

Auditorium

Moderator: Jue Chen, Ph.D.

National Heart, Lung, and Blood Institute, NIH, DHHS

Blanca Himes, Ph.D.

National Heart, Lung, and Blood Institute, NIH, DHHS

11:15 AM

Distinguished Lecture: Cancer

Auditorium

Moderator: Tony Dickherber, Ph.D.

National Cancer Institute, NIH, DHHS

Philip E. Castle, Ph.D., M.P.H.

National Cancer Institute, NIH, DHHS

12:00 PM

Meet the NIH and Panelists, Lunch

1:00 PM

Technical Track Breakout Sessions

Balconies

Track 1: Heart Disease, Chronic Respiratory, Sleep Diseases

A, B

Moderator:

Bryan O. Buchholz, Ph.D.

University of Massachusetts

Panelists:

Bryan Nolan

myBiometry

Alexandria Zozos, M.S., R.D.N., L.D.

EatLove

Monique Nadeau, M.P.A.

EatLove

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Julia Finkelstein, Sc.D.

AnemiaPhone

Stephanie Willard, M.H.A.

Wellinks

Balcony C

Track 2: Cancer

Moderator:

Tony Dickherber, Ph.D.

National Cancer Institute, NIH, DHHS

Panelists:

David Erickson, Ph.D.

Cornell University

Aydogan Ozcan, Ph.D.

University of California Los Angeles

Rebecca Richards-Kortum, Ph.D.

Rice University

Philip Castle, Ph.D.

National Cancer Institute, NIH, DHHS

2:30 PM

Break

3:00 PM

Rapid Pitch on e-Posters and Exhibit Session

Auditorium

Moderators:

Kristin Gilchrist, Ph.D.

National Institute of Biomedical Imaging and Bioengineering, NIH, DHHS

Rao L. Divi, Ph.D.

National Cancer Institute, NIH, DHHS

Jessica Falcone, Ph.D.

National Institute of Biomedical Imaging and Bioengineering, NIH, DHHS

Atam Dhawan, Ph.D.

New Jersey Institute of Technology

4:00 PM

Technology Showcase and Networking

Atrium

5:45 PM

Non-Federally Sponsored Event: Optional Networking Event

See registration desk for location details

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NIH Research and Innovation Translation Partnerships Conference and Technology Showcase: Point of Care Technologies and Digital Health

APRIL 22, 2026

Day 2

8:30 AM **Welcome Remarks and Conference Agenda**

Auditorium

Tiffani Bailey Lash, Ph.D.

National Institute of Biomedical Imaging and Bioengineering, NIH, DHHS

Atam Dhawan, Ph.D.

New Jersey Institute of Technology

9:00 AM **Keynote: Technology Innovation in Pregnancy, Pediatrics, and Gynecologic Health: NICHD's Investments in Diagnostics and Devices**

Auditorium

Rohan Hazra, M.D.

National Institute of Child Health and Human Development, NIH, DHHS

9:45 AM **Keynote: Catalyzing Research, Technology, and Innovation in Translational Science**

Auditorium

Annica M. Wayman, Ph.D.

National Center for Advancing Translational Sciences, NIH, DHHS

10:30 AM **Distinguished Lecture: Infectious Diseases**

Auditorium

Moderator: **Paul Eder, Ph.D.**

National Institute of Allergy and Infectious Diseases, NIH, DHHS

Winston Timp, Ph.D.

Johns Hopkins University

11:15 AM **Distinguished Lecture: Maternal / Fetal / Pediatric Health**

Auditorium

Moderator: **Antonello Pileggi, M.D., Ph.D.**

National Institute of Child Health and Human Development, NIH, DHHS

Rob Mannino, Ph.D.

Emory University, Sanguina, Inc.

12:00 PM **Meet the NIH and Panelists, Lunch**

1:00 PM **Technical Track Breakout Sessions**

Balconies

Track 3: Infectious Disease

A, B

Moderator:

Shawn Mulvaney, Ph.D.

National Institute of Biomedical Imaging and Bioengineering, NIH, DHHS

Panelists:

Ben Larman, Ph.D.

Johns Hopkins University

Karen Lacourciere, Ph.D.

National Institute of Allergy and Infectious Diseases, NIH, DHHS

Nira Pollock, M.D., Ph.D.

Harvard University

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Paul Sheehan, Ph.D.

Advanced Research Projects Agency for Health

Balcony C

Track 4: Maternal / Fetal / Pediatric Health

Moderators: Homa K. Ahmadzia, M.D.

INOVA Health

Monica Longo, M.D., Ph.D.

National Institute of Child Health and Human Development, NIH, DHHS

Panelists:

Neil P. Ray, M.D.

Raydiant Oximetry

Catherine Liao, Ph.D.

CONNEQT Health

Julie Navarro, M.S.N., R.N.

HemoSonics, LLC

Sheng Xu, Ph.D.

Softsonic and Stanford University

Steve Xu, M.D.

Northwestern University and Sibel Health

2:30 PM

Break

3:00 PM

Auditorium

Rapid Pitch on e-Posters and Exhibit Session

Moderators:

Kristin Gilchrist, Ph.D.

National Institute of Biomedical Imaging and Bioengineering, NIH, DHHS

Rao Divi, Ph.D.

National Cancer Institute, NIH, DHHS

Jessica Falcone, Ph.D.

National Institute of Biomedical Imaging and Bioengineering, NIH, DHHS

Atam Dhawan, Ph.D.

New Jersey Institute of Technology

4:00 PM

Auditorium

Closing Remarks and Next Steps

Atam Dhawan, Ph.D.

New Jersey Institute of Technology

4:15 PM

Atrium

Technology Showcase and Networking

5:00 PM

Conference Concludes
