

1ST ANNUAL HEEHD CONFERENCE

PROGRAM SCHEDULE

Friday, December 13

Vendors and Exhibitors (7:30 a.m. - 5:00 p.m.) 3rd Floor Conference Foyer

Time	Description	Location
7:30 a.m. - 8:30 a.m.	Registration (Lobby) and Continental Breakfast (3rd Floor) Pick up name badge and program materials **Check-In at the HEEHD registration desk with your NIH STTR proposal to: 1.) Schedule one-on-one sessions with NIH SBIR/STTR Personnel 2.) Get JUICE Money Review (JMR) results by Day 2 of the conference	John Hopkins Room
9:00 a.m. - 9:25 a.m.	Juxtopia® HEEHD 2019 Conference Welcome & Conference Overview <ul style="list-style-type: none"> • Jayfus Tucker Doswell, PhD, HEEHD Conference Principal Investigator (PI) • Diane L. Adams, MD, MPH, HEEHD CO-PI • Bridgie A. Ford, PhD HEEHD CO-PI • Cyrus Green, MS, MBA, (doctoral student), JUICE Co-Director 	John Hopkins Room
9:30 a.m. - 10:00 a.m.	Keynote Speaker, Rear Admiral Deborah Parham Hopson, PhD, MSPH, RN	John Hopkins Room
10:05 a.m. - 10:30 a.m.	How does the National Cancer Institute's SBIR/STTR Program Eradicate Economic & Health Disparities? <ul style="list-style-type: none"> • Christie Canaria, PhD, Program Director Cancer/Biological Imaging, Research Tools, Devices, Scientific Communications, and Special Initiatives • Kory Hallett, PhD, Program Director Monoclonal Antibodies, Immunotherapy, Biologics, and Program Analysis • Monique Pond, PhD, Program Director Biologics, Small Molecules, Therapeutic Devices, Digital Health, Regulatory Resource 	

BREAKOUT SESSIONS AND INVESTORS PANEL

Facilitated by Iris Zachary, PhD and Brenda A. Leath, MHSA, PMP

Kennedy Krieger/
Patapsco Rooms

Mobile Artificial Intelligent (AI) Systems to Eradicate Pediatric Health Disparities

Time	Speaker(s)	Presentation
11:00 a.m. - 11:30 a.m.	Yolandra Hancock, MD, MPH, Kritica Joshi, MPH Community-Oriented Primary Care/Prevention and Community Health, Milken Institute School of Public Health, George Washington University	Co-designing a Novel mHealth Application for Treatment of Childhood Obesity Among Black Girls: A Qualitative analysis of Stakeholder feedback
11:30 a.m. - 12:00 noon	Angela Neal-Barnett, PhD, Kent State University Department of Psychological Sciences; Charles M. Neal, A3B®, LLC	Build Your Own Theme Song: The Development and Commercialization of a Musical Cognitive Restructuring App for Middle-School Black Girls

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Lunch, NIMHD Speaker and STTR Product Demonstration (12:00 p.m.-2:00 p.m.)

Lunch served in Hearth (Main Floor)
Speakers & Demostration in John Hopkins Room

Time	Speaker(s)	Presentation
1:00 p.m. - 1:30 p.m.	Eliseo J. Pérez-Stable, Director, NIH/ National Institutes of Minority Health and Health Disparities (NIMHD)	Overview of the NIH/NIMHD program and focus of the NIMHD SBIR/STTR program - (Questions & Answers to follow)
1:30 p.m. - 2:00 p.m.	Project Demonstration byu, Jayfus Tucker Doswell, PhD, and Juxtopia® Engineers in Training (JET) Team	STTR Funded Biomedical Innovations, Accelerated from The JUICE Network, And Prototyped by JET Apprentices.

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Investors Panel

Time	Speaker(s)	Presentation
2:15 p.m. - 3:00 p.m.	<ul style="list-style-type: none"> Stanley W. Tucker, President, Meridian Management Group (MMG), Tony Thomas, Senior Vice President and Portfolio Manager, The Harbor Bank of Maryland, Mike Fried, Chief Information Officer, Baltimore City Health Department 	Investment Strategies to Fund Start-Up Biomedical and Health Technology Companies

Wearable Telehealth to Eradicate Trauma Response Disparities

Time	Speaker(s)	Presentation
3:00 p.m. - 3:30 p.m.	Cihan Uyanik, Erdem Erdemir, Erkan Kaplanoglu, Sambit Bhattacharya, Rashad Bailey, Matthew Christian, Kazuhiko Kawamura, Mitsuru Jindai, S. Keith Hargrove Tennessee State University, The University of Tennessee Chattanooga, Fayetteville State University, Vanderbilt University, University of Toyama, Japan	Smart Prosthetic Hand Grasping State Prediction Through Approach Path by Deep Learning

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Wearable Telehealth to Eradicate Trauma Response Disparities

Time	Speaker(s)	Presentation
3:30 p.m. - 4:00 p.m.	June Worsham Haygood, CPhT, MPH, MBA, Application Operations, LLC	<i>STOP OD, A mobile Crowd-Sourcing App for On-demand Response to Prevent Opioid Overdose in Low-Income Communities</i>
4:00 p.m. - 4:30 p.m.	Justin Johnson, Marcus Messum, Joan Tilghman, PhD, Kenneth Wilson, MD, David Hampton, MD Juxtopia, Coppin State University School of Nursing, University of Chicago	<i>Wearable Augmented Reality Platform for Trauma Clinical Skills Training in Austere and Extreme Environments</i>

Middle School and University Biomedical Innovators who Eradicate Health Disparities

Time	Speaker(s)	Presentation
4:30 p.m. - 5:00 p.m.	Alydia Young, Ranganathan Parthasarathy, Tennessee State University, Anil Misra, University of Kansas Lawrence, Kansas, Linyong Song, University of Kansas, Qiang Ye, Kansas Lawrence, Paulette Spencer, University of Kansas	<i>Structure-Property Relationships for Wet Dentin Adhesive Polymers</i>
5:00 p.m. - 5:30 p.m.	Harry Preston, JET Team, JUICE Club @ James McHenry Middle School	<i>Addressing Health Disparities in Senior Citizens through Young Scholar Engagement</i>

DINNER

Keynote Speaker - Deena Chisolm, PhD, Director, Center for Innovation and Pediatric Practice, Abigail Wexner Research Institute and Chair, Ohio Commission on Minority Health

(6:00 p.m. - 7:30 pm)

Hearth Room

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7:30 a.m. - 8:30 a.m.	Registration (Lobby) and Continental Breakfast (3rd Floor)	John Hopkins Room
9:00 a.m. - 9:30 a.m.	Juxtopia® HEEHD 2019 Previous Day Recap and Day Schedule <ul style="list-style-type: none"> • Jayfus Tucker Doswell, PhD, HEEHD Conference Principal Investigator (PI) • Diane L. Adams, MD, MPH, HEEHD CO-PI • Bridgie A. Ford, PhD HEEHD CO-PI • Cyrus Green, MS, MBA, (doctoral student), JUICE Co-Director 	John Hopkins Room

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Patapsco Rooms

Accelerate Minority Biomedical Innovation, Manufacturing, and Commercialization to Eradicate Health Disparities

Time	Speaker(s)	Presentation
10:30 a.m. - 11:00 a.m.	Hamzah Ibn El-Amin, Ali Akil, Julius Maina, Public Bloc Inc.	<i>Utilizing Blockchain Technology to Track the Disparate Impact of Unfair Housing Practices, Policies and Programs in Blighted Communities.</i>
11:00 a.m. - 11:30 noon	Cyrus Green, MS, MBA, (doctoral student), JUICE Network Co-Director	<i>How the Juxtopia® Urban Innovation & Cooperative Entrepreneurship (JUICE) Process Accelerates STTR Innovation and Technology Transfer from HBCUs to minority companies</i>

Lunch (12:00 p.m.- 1:00 p.m.)

Hearth (Main Floor)

Time	Speaker(s)	Presentation
1:00 p.m. - 1:30 p.m.	Jim Davenport, American Technology Corporation	<i>How Start-Ups and HBCUs Can Effectively Manufacture Commercial Level Biomedical and Health-Tech Product</i>
1:30 p.m. - 2:00 p.m.	Theodora Brown, Kimberly McLean	<i>Intellectual Property and Tech Transfer</i>

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Time	Speaker(s)	Presentation
2:00 p.m. - 2:30 p.m.	Zélia A. Worman, PhD, Support Scientist, NASA Research and Education Support Services	<i>How can your research contribute to deep space exploration? Explore funding opportunities from TRISH</i>
2:30 p.m. - 3:00 p.m.	University of Missouri, Iris Zachary, PhD, MS, Director of the Informatics for Public Health Certificate Program at the University of Missouri	<i>Addressing Health Disparities/Missouri Connected Communities (MOCC)</i>

HEEHED Roundtable

John Hopkins Room
(3:30 p.m.- 5:00 p.m.)

ALL Conference Participants - Two Groups
HEEHED facilitators will capture participants'
responses in written format

Questions:

What Barriers Prevent HBCUs and Minority Companies from Securing NIH STTR Awards?
What Innovations, Processes, Or Policies, Can Eradicate These Barriers?

HEEHED Conference Closure & Evaluation

HEEHED 2019 Team (Drs. Doswell, Adams and Ford)
(3:30 p.m.- 5:30 p.m.)
John Hopkins Room