



WEDNESDAY, MAY 24, 2023

AGENDA SUBJECT TO CHANGE

7:00 a.m. – 8:30 a.m. **Conference Breakfast**

8:40 a.m. – 8:45 a.m. **Opening Remarks**
Brendan Lee, M.D., Ph.D. (NAM)
TAMEST Board President

8:45 a.m. – 9:15 a.m. **Special Remarks: NAM President**
Victor J. Dzau, M.D. (NAM)
National Academy of Medicine

MEDICINE SESSIONS: Big Data and Emerging Technology

9:15 a.m. – 9:45 a.m. **Geoffrey Ginsburg, M.D., Ph.D.**
National Institutes of Health (NIH)

9:45 a.m. – 10:15 a.m. **Andy Futreal, Ph.D.**
The University of Texas
MD Anderson Cancer Center

10:15 a.m. – 10:30 a.m. **Break**

10:30 a.m. – 11:15 a.m. **Mary Beth Maddox Award Ceremony and Recipient Presentation**
Florencia McAllister, M.D.
The University of Texas
MD Anderson Cancer Center

11:15 a.m. – 11:30 a.m. **Special Announcement**

ENGINEERING SESSIONS: Renewable Energy

11:30 a.m. – 12:30 p.m. **Lunch**

12:00 p.m. – 12:30 p.m. **Lunch Session**
Peter F. Green, Ph.D. (NAE)
National Renewable Energy
Laboratory (NREL)

12:30 p.m. – 1:00 p.m. **Ramamoorthy Ramesh, Ph.D. (NAE)**
Rice University

1:00 p.m. – 1:45 p.m. **Panel**
Moderator:
Bobby Tudor
Artemis Energy Partners
Panelists:
Juliana Garaizar
Greentown Labs
Brett Perlman, J.D.
Center for Houston's Future

1:45 p.m. – 2:00 p.m. **Break**

2:00 p.m. – 4:00 p.m. **2023 Edith and Peter O'Donnell Awards Presentations**
Medicine
Jennifer Wargo, M.D.
The University of Texas
MD Anderson Cancer Center
Engineering
Jamie Padgett, Ph.D.
Rice University
Biological Sciences
James J. Collins III, Ph.D.
UT Southwestern Medical
Center
Physical Sciences
Erez Lieberman Aiden, Ph.D.
Baylor College of Medicine
Technology Innovation
Chengbo Li, Ph.D.
ConocoPhillips

4:00 p.m. – 6:00 p.m. **Break and TAMEST Protégé Poster Challenge Viewing**

6:30 p.m. – 9:00 p.m. **2023 Edith and Peter O'Donnell Awards Ceremony and Dinner**



THURSDAY, MAY 25, 2023

AGENDA SUBJECT TO CHANGE

SCIENCE SESSIONS: CRISPR

7:00 a.m. – 8:30 a.m. **Conference Breakfast**

8:00 a.m. – 8:30 a.m. **Breakfast Session**
Charles A. Gersbach, Ph.D.
Duke University

8:30 a.m. – 9:00 a.m. **Daniel J. Siegwart, Ph.D.**
UT Southwestern Medical Center

9:00 a.m. – 9:45 a.m. **Panel**
Moderator:
Joshua T. Mendell, M.D., Ph.D.
UT Southwestern Medical Center
Panelists:
Leonela Amoasii, Ph.D.
Vertex Pharmaceuticals
Amy L. McGuire, J.D., Ph.D.
Baylor College of Medicine
David W. Taylor, Ph.D.
The University of Texas at Austin

9:45 a.m. – 10:00 a.m. **Break**

10:00 a.m. – 10:30 a.m. **TAMEST Protégé Poster
Challenge Finalist Presentations**

TECHNOLOGY INNOVATION SESSIONS: Energy Transition

10:30 a.m. – 11:00 a.m. **Dirk Smit, Ph.D.**
Shell Global

11:00 a.m. – 11:30 a.m. **Russ Conser**
Standard Soil, PBC

11:30 a.m. – 12:15 p.m. **Panel**
Moderator:
Keith Paustian, Ph.D.
Colorado State University
Panelists:
Eric D. Larson, Ph.D.
Princeton University
Jocelyn Lavalley, Ph.D.
Environmental Defense Fund
Arthur Lee
Chevron Services Company

12:15 p.m. – 1:15 p.m. **Lunch**

12:45 p.m. – 1:15 p.m. **Breakthrough Session**
**Huda Y. Zoghbi, M.D. (NAM,
NAS),** Baylor College of Medicine

1:15 p.m. – 1:25 p.m. **TAMEST Protégé Poster
Challenge Winners Announced**

1:25 p.m. – 1:30 p.m. **Closing Remarks and 2024
Conference Preview**
Brendan Lee, M.D., Ph.D. (NAM)
TAMEST Board President