



National Institute of Neurological Disorders and Stroke (NINDS) Workshop:

A Visionary Resource for Instilling Fundamental Principles of Rigorous Neuroscience Research

Natcher Building (Building 45), NIH Campus, Bethesda, Maryland
October 22-23, 2018

Monday October 22, 2018:

8:00 a.m. REGISTRATION

8:30 a.m. Welcome

Lawrence Tabak (NIH, Principal Deputy Director)

8:45 a.m. Introduction

Shai Silberberg (NINDS, Director of Research Quality)

9:00 a.m. Keynote Address

Malcolm Macleod (University of Edinburgh)

9:40 a.m. General Discussion

10:00 a.m. BREAK

10:30 a.m. Session 1: Identifying fundamental principles of rigorous research

Indira Raman (Northwestern University), *moderator*

Emery Brown (MGH/MIT)

Jordan Elm (Medical University of South Carolina)

Michael Kaplitt (Weill Cornell Medical College)

Alex Kolodkin (Johns Hopkins School of Medicine)

Diane Lipscombe (Brown University)

Marcus Munafò (University of Bristol)

12:30 p.m. LUNCH

1:30 p.m. Session 2: Instilling principles of rigorous research

Jeffrey Diamond (NINDS), *moderator*

Cynthia Brame (Vanderbilt University)

Katelyn Green (University of Michigan)

Benedict Kolber (Duquesne University)
Caleb McKinney (Georgetown University Medical Center)
Jeffrey Olimpo (The University of Texas at El Paso)
Amy Shelton (Johns Hopkins University)

3:30 p.m. BREAK

4:00 p.m. Session 3: Non-traditional educational tools

Barbara Oakley (Oakland University), *moderator*
Shannon Behrman (iBiology)
Janet Branchaw (University of Wisconsin – Madison)
Erin Clark (Brandeis University)
Pamela Gay (Astronomical Society of the Pacific)
Stephen Uzzo (New York Hall of Science)

6:00 p.m. ADJOURN

Tuesday October 23, 2018:

8:30 a.m. Day 2 Introduction

Devon Crawford or Shai Silberberg (NINDS)

8:50 a.m. Session 4: Vision of a living educational resource for students, educators, and scientists

Sherry Hsi (Concord Consortium), *moderator*
Laura Bonetta (Howard Hughes Medical Institute)
David Dockterman (Harvard Graduate School of Education)
Nathalie Percie du Sert (NC3Rs)
Ceri Riley (Complexly)

10:50 a.m. BREAK

11:20 a.m. Session 5: Recommendations

Devon Crawford and Shai Silberberg (NINDS), *moderators*
Indira Raman (Northwestern University)
Jeffrey Diamond (NINDS)
Barbara Oakley (Oakland University)
Sherry Hsi (Concord Consortium)

12:50 p.m. Concluding Remarks

Walter Koroshetz (NINDS, Director)

1:00 p.m. ADJOURN