

**Forty-Fifth Meeting**  
**NATIONAL ADVISORY COUNCIL FOR BIOMEDICAL IMAGING AND BIOENGINEERING**

**September 12, 2017**  
**The Bolger Center**  
**9600 Newbridge Drive, Potomac, Maryland**  
**Franklin Building, Conference Room 4**

OPEN SESSION

9:00 a.m.	Call to Order and Welcome	David T. George, PhD
9:10 a.m.	Director's Remarks	Roderic I. Pettigrew, PhD, MD
9:40 a.m.	Science Highlights: Chromatic Structure Pancreatic Cyst Dysplasia Assessment 3D Printed Touch Sensors	Ed Ramos, PhD Behrouz Shabestari, PhD Šeila Selimović, PhD
10:10 a.m.	BRAIN Update	Bruce Rosen, MD, PhD
10:30 a.m.	<i>Break</i>	
11:00 a.m.	Strategic Plan	Jill Heemskerk, PhD
11:40 a.m.	Fourth Annual Lopez Lecture "Precision Medicine in Biology"	Stephen Quake, PhD
12:40 p.m.	<i>Lunch</i>	

CLOSED SESSION

This session of the meeting is closed to the public in accordance with the provisions in Sections 552b(c)(4) and 552b(c)(6), Title 5, U.S.C. and Section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. Appendix 2).

2:00 p.m.	Charge to Council, including conflict of interest and confidentiality information	David T. George, PhD Roderic I. Pettigrew, PhD, MD
2:10 p.m.	Review of grant applications	
3:00 p.m.	ADJOURN	

FUTURE COUNCIL DATES

2018 – Thursday, January 18; Wednesday, May 23; Thursday, September 13  
2019 – Wednesday, January 23; Tuesday, May 21; Wednesday, September 11

## SPEAKERS

David T. George, PhD  
Acting Associate Director for Research Administration, NIBIB  
Bethesda, Maryland

Jill Heemskerk, PhD  
Deputy Director, NIBIB  
Bethesda, Maryland

Roderic I. Pettigrew, PhD, MD  
Director, NIBIB  
Bethesda, Maryland

Stephen Quake, PhD  
Lee Otterson Professor of Bioengineering  
Professor of Applied Physics  
Co-President of Chan Zuckerberg Biohub  
Stanford University  
Stanford, California

Edward Ramos, PhD  
Program Director, NIBIB  
Bethesda, Maryland

Bruce Rosen, MD, PhD  
Professor in Radiology  
Harvard Medical School  
Director, Athinoula A. Martinos Center for Biomedical Engineering  
Massachusetts General Hospital East  
Charlestown, Massachusetts

Šeila Selimović, PhD  
Program Director, NIBIB  
Bethesda, Maryland

Behrouz Shabestari, PhD  
Program Director, NIBIB  
Bethesda, Maryland