

*The National Academies of*  
**SCIENCES • ENGINEERING • MEDICINE**

Division on Engineering and Physical Sciences  
Laboratory Assessments Board  
Army Research Laboratory Technical Assessment Board  
Panel on Review of Extramural Basic Research at the Army Research Laboratory

**Panel On Review Of Extramural Basic Research At the Army Research Laboratory (ARL)**  
**Army Research Office (ARO), 800 Park Offices Drive, Durham, NC 27709**  
**5-7 August 2019**  
**AGENDA**

**Monday, 5 August 2019**

**DATA GATHERING SESSION: OPEN TO THE PUBLIC**

*Location: Army Research Office, 800 Park Offices Drive, Durham, NC 27709*

1000-1045	Army Research Office (ARO) Overview, <b>Dr. Barton Halpern</b> , Director, ARO
1045-1130	Physical Sciences Directorate (PSD) Overview, <b>Dr. Hugh De Long</b>
1130-1230	<i>Working Lunch: Discussion Among Panel Members and ARO Personnel</i>
1230-1300	Chemical Sciences Division Overview, <b>Dr. Robert Mantz</b>
1300-1330	Life Sciences Division Overview, <b>Dr. Micheline Strand</b>
1330-1400	Physics Division Overview, <b>Dr. Marc Ulrich</b>
1400-1410	Reminder Of Agenda And Dinner Plans For Panel Members And ARO Personnel; <b>Dr. David A. Weitz</b>
1410-1430	<i>Break while Rooms Rapidly Rearranged for Breakout Sessions</i>

**Division Breakout Sessions (Sessions Run Concurrently; Subset Of Panel Meets With Each Division)**

	<b>Life Sciences Division</b> ARO Auditorium Rear (5426C)	<b>Chemical Sciences Division</b> ARO Auditorium Middle (5426B)	<b>Physics Division</b> ARO Auditorium Front (5426A)
1430-1505	Life Science Division Strategy <b>Dr. Micheline Strand</b>	Chemical Sciences Division Strategy <b>Dr. Robert Mantz</b>	Physics Division Strategy <b>Dr. Marc Ulrich</b>
1505-1540	Microbiology Management Strategy <b>Dr. Robert Kokoska</b>	Reactive Chemical Systems Management Strategy <b>Dr. Dawanne Poree</b>	Atomic & Molecular Physics Management Strategy <b>Dr. Paul Baker</b>
1540-1640	Microbiology Research Projects and Results <b>Dr. Robert Kokoska</b>	Reactive Chemical Systems Research Projects and Results <b>Dr. Dawanne Poree</b>	Atomic & Molecular Physics Research Projects and Results <b>Dr. Paul Baker</b>

**OPEN SESSION: (PANEL MEMBERS AND ARO PERSONNEL)*****Location: TBD***

1800-1930

Joint Working Dinner: Panel Member Discussions With ARO Personnel

**Tuesday, 6 August 2019****DATA GATHERING SESSION: OPEN TO THE PUBLIC*****Location: Army Research Office, 800 Park Offices Drive, Durham, NC 27709***

0805-1630

**Division Breakout Sessions (Sessions Run Concurrently; Panel Groups Meets With Each Division)**

	<b>Life Sciences Division</b> ARO Auditorium Rear (5426C)	<b>Chemical Sciences Division</b> ARO Auditorium Middle (5426B)	<b>Physics Division</b> ARO Auditorium Front (5426A)
0805-0840	Neurophysiology of Cognition Management Strategy <b>Dr. Frederick Gregory</b>	Electrochemistry Management Strategy Dr. Robert Mantz	Condensed Matter Physics Management Strategy <b>Dr. Marc Ulrich</b>
0840-0940	Neurophysiology of Cognition Research Projects and Results <b>Dr. Frederick Gregory</b>	Electrochemistry Research Projects and Results <b>Dr. Robert Mantz</b>	Condensed Matter Physics Research Projects and Results <b>Dr. Marc Ulrich</b>
0940-0955	<i>Break</i>	<i>Break</i>	<i>Break</i>
0955-1030	Social & Behavioral Sciences Management Strategy <b>Dr. Lisa Troyer</b>	Molecular Structure & Dynamics Management Strategy <b>Dr. James Parker</b>	Quantum Information Science Management Strategy <b>Dr. Sara Gamble</b>
1030-1130	Social & Behavioral Sciences Research Projects and Results <b>Dr. Lisa Troyer</b>	Molecular Structure & Dynamics Research Projects and Results <b>Dr. James Parker</b>	Quantum Information Science Research Projects and Results <b>Dr. Sara Gamble</b>
1130-1205	Genetics Management Strategy <b>Dr. Micheline Strand</b>	Polymer Chemistry Management Strategy <b>Dr. Dawanne Poree</b>	Optical Physics and Fields Management Strategy <b>Dr. Marc Ulrich</b>
1205-1215	Retrieve Lunch (lunch provided for TAB only)	Retrieve Lunch (lunch provided for TAB only)	Retrieve Lunch (lunch provided for TAB only)
1215-1315	<i>Working Lunch</i> Genetics Research Projects and Results <b>Dr. Micheline Strand</b>	<i>Working Lunch</i> Polymer Chemistry Research Projects and Results <b>Dr. Dawanne Poree</b>	<i>Working Lunch</i> Optical Physics and Fields Research Projects and Results <b>Dr. Paul Baker</b>
1315-1350	Biochemistry Management Strategy <b>Dr. Stephanie McElhinny</b>	Final Questions And Discussion	Final Questions And Discussion
1350-1400	<i>Break</i>	<i>Break</i>	<i>Break</i>
1400-1500	Biochemistry Research Projects and Results <b>Dr. Stephanie McElhinny</b>	<b>CLOSED SESSION:</b> Panel Team Deliberations, Panel	<b>CLOSED SESSION:</b> Panel Team Deliberations, Panel

1500-1530	Final Questions And Discussion	Members And NRC Staff Only	Members And NRC Staff Only
1530-1600	<b>CLOSED SESSION:</b> Panel Team Deliberations, Panel Members And NRC Staff only		

## Wednesday, 7 August 2019

### **DATA GATHERING SESSION OPEN TO THE PUBLIC**

***Location: Army Research Office, 800 Park Offices Drive, Durham, NC 27709***

1300-1400                      Panel Meets With ARO Personnel For Wrap-up Discussion

1400                              Adjourn