

## C<sup>2</sup>QA Quantum Career Fair

Virtual Event

Wednesday, September 22, 2021

11:00 a.m. – 6:00 p.m. EDT

<u>Time</u>	<u>Topic / Speakers</u>
11:00 a.m. – 11:05 a.m.	<p><b>Opening Remarks</b></p> <p>Diana Murphy, Co-design Center for Quantum Advantage Education &amp; Workforce Development</p>
11:05 a.m. – 11:20 a.m.	<p><b>Quantum Information Science in Department of Energy Office of Science</b></p> <p>Ceren Susut, Ph.D., Director, Computational Science Research &amp; Partnerships, Advanced Scientific Computing Research, Office of Science, Department of Energy</p>
11:20 a.m. – 12:10 p.m.	<p><b>Panel Discussion – Meet the Department of Energy’s National Quantum Information Science Research Centers</b></p> <p><b>Moderator:</b> Jonathan Candelaria, Former Chair of the QED-C Workforce Development Committee</p> <p>Andrew Houck – Director, Co-design Center for Quantum Advantage (C<sup>2</sup>QA)</p> <p>David Awschalom – Director, Q-NEXT</p> <p>Anna Grassellino – Director, Superconducting Quantum Materials and Systems (SQMS)</p> <p>Irfan Siddiqi – Director, Quantum Systems Accelerator (QSA)</p> <p>David Dean – Director, Quantum Science Center (QSC)</p>
12:10 p.m. – 12:55 p.m.	<p><b>Panel Discussion – The Ideal Quantum Job Candidate:</b> What national laboratories, academia, and industry are looking for when hiring for quantum positions</p> <p><b>Moderator:</b> Kai-Mei Fu Deputy Director, Co-design Center for Quantum Advantage</p> <p>Nathan Baker, Laboratory Fellow, Computing &amp; Analytics Division, Pacific Northwest National Laboratory</p>

Kwabena Bediako, Assistant Professor, University of California Berkeley  
Department of Chemistry

Brian Gaucher, P-RSM, Systems Design Manager, Quantum Computing,  
IBM

12:55 p.m. – 1:10 p.m.

## Break – Visit Exhibit Booths

1:10 p.m. – 1:30 p.m.

## Preparing to Enter the Quantum Workforce

Heather Lewandowski, Professor of Physics and Fellow of JILA, QED-C  
Workforce Technical Advisory Committee and Workforce Survey Task  
Force

1:30 p.m. – 3:00 p.m.

## Concurrent Workshops:

**Undergraduate Student Workshop:** Pursuing a graduate degree and  
career path in quantum and how to differentiate yourself

**Moderator:** Evangelina Shreeve, Director, STEM Education, Pacific  
Northwest National Laboratory

Tina Brower-Thomas, Executive Director Center Integrated Quantum  
Materials, Howard University

Jenny Hoffman, Professor of Physics & Applied Physics, Clowes Professor  
of Science, Harvard University

Jeff Thompson, Assistant Professor, Electrical Engineering, Princeton  
University

Heather Saunders, Software Engineering Manager, IBM Quantum

David Biersach, Senior Technical Architect, Brookhaven National  
Laboratory

**Graduate Student | Post Doc Workshop:** Career paths in quantum and  
how to differentiate yourself

**Moderator:** Sophia Economou, Professor of Physics, Virginia Tech

Nathan Wiebe, Assistant Professor University of Toronto

Amir Yacoby, Professor of Physics and Applied Physics, Harvard University

Andrei Petrenko, Director of Product at Quantum Circuits Inc.

Will Oliver Associate, Professor, Electrical Engineering and Computer  
Science; Laboratory Fellow, Lincoln Laboratory; Director, Center for  
Quantum Engineering; Associate Director, Research Laboratory of  
Electronics, MIT

3:00 p.m. – 6:00 p.m.

## Career Fair - Visit Exhibit Booths