

MSRI CALL FOR APPLICATIONS

AFRICAN DIASPORA JOINT MATHEMATICS WORKSHOP

2021

The Mathematical Sciences Research Institute invites applications for the 2021 African Diaspora Joint Mathematics Workshop (ADJOINT).

The 2021 program takes place June 21 - July 2, 2021 in Berkeley, California.

ABOUT THE PROGRAM

The African Diaspora Joint Mathematics Workshop (ADJOINT) is a yearlong program that provides opportunities for U.S. mathematicians – especially those from the African Diaspora – to form collaborations with distinguished African-American research leaders on topics at the forefront of mathematical and statistical research.

Beginning with an intensive two-week summer session at MSRI, participants work in small groups under the guidance of some of the nation's foremost mathematicians and statisticians to expand their research portfolios into new areas. Throughout the following academic year, the program provides conference and travel support to increase opportunities for collaboration, maximize researcher visibility, and engender a sense of community among participants.

ELIGIBILITY

Applicants must be a U.S. citizen or permanent resident, possess a Ph.D. in the mathematical or statistical sciences, and be employed at a U.S. institution.

APPLICATION DEADLINE

Applications for ADJOINT 2021 are due February 1, 2021. For more information, please contact coord@msri.org.

Learn more:

msri.org/adjoint



Mathematical Sciences
Research Institute



Alfred P. Sloan
FOUNDATION

2021 PROGRAM

Each summer, three to five research leaders will each propose a research topic to be studied during a two-week workshop.

During the workshop, each participant will:

- conduct research at MSRI within a group of four to five mathematical and statistical scientists under the direction of one of the research leaders;
- participate in professional enhancement activities provided by the onsite ADJOINT Director; and
- receive funding for two weeks of lodging, meals and incidentals, and one round-trip travel to Berkeley, CA.

After the two-week workshop, each participant will:

- have the opportunity to further their research project with the team members including the research leader;
- have access to funding to attend conference(s) or to meet with other team members to pursue the research project, or to present results; and
- become part of a network of research and career mentors.

2021 ON-SITE DIRECTOR

The 2021 ADJOINT Program Director is Dr. Jacqueline Hughes-Oliver, North Carolina State University.

ADJOINT PROGRAM DIRECTORS

- Dr. Edray Goins, Pomona College
- Dr. Caleb Ashley, University of Michigan
- Dr. Naiomi Cameron, Spelman College
- Dr. Jacqueline Hughes-Oliver, North Carolina State University
- Dr. Anisah Nu'Man, Spelman College

2021 RESEARCH TOPICS AND LEADERS

Danny Krashen (Rutgers University)

"Adventures in Constructive Galois Theory"

Nathan Broaddus (Ohio State University)

"Steinberg Modules of Braid Groups"

Emma K. T. Benn (Mount Sinai University)

"Racial/Ethnic Disparities in Health: Applying a More Nuanced Inferential Framework"

Julie Ivy (North Carolina State University)

"Using Decision Modeling to Personalize Policy in Complex Human-Centered Problems"

"I think that the relationships built during my two weeks at MSRI will be long-lasting and very beneficial to our mathematical development."

"This can make a direct impact on the number of research papers authored and conference presentations given by African Americans. That is a huge positive."