ADJOINT 2025

ADJOINT is a yearlong program that provides opportunities for U.S. mathematicians and statisticians to form collaborations with distinguished research leaders on topics at the forefront of the mathematical and statistical sciences.

JUNE 30 - JULY 11, 2025 · BERKELEY, CA

Simons Laufer Mathematical Sciences Institute (SLMath)

ABOUT THE PROGRAM

Beginning with an intensive two-week summer session at SLMath (formerly 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 a new area.

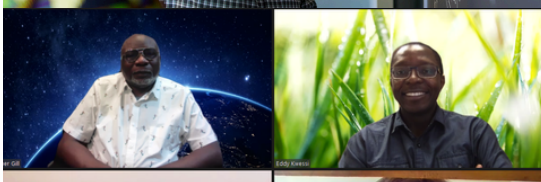
Throughout the following academic year, the program provides conference and travel support to increase opportunities for collaboration, maximize researcher visibility, and engender a sense of community among participants.

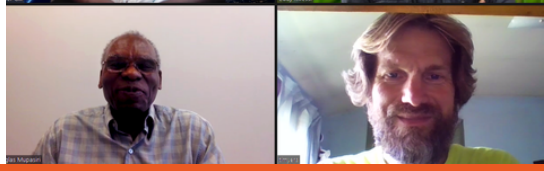
ELIGIBILITY & HOW TO APPLY

Applicants must be a US citizen or permanent resident, possess a PhD in the mathematical or statistical sciences, and be employed at a US institution. Applications are hosted via MathPrograms.org.

All members must be in residence and actively engaged in the program 8:30am - 5:00pm PT daily (without teaching, mentoring, or other professional responsibilities) for its full duration: June 30 to July 11, 2025.

Apply via MathPrograms.org by February 4, 2025





slmath.org/adjoint

SIMONS LAUFER MATHEMATICAL SCIENCES INSTITUTE

NSF

NATIONAL SECURITY AGENCY · UNITED STATES OF AMERICA

ALFRED P. SLOAN FOUNDATION

2025 PROGRAM

ADJOINT and Self-ADJOINT participants will:

- Conduct research at SLMath within a small group of mathematical and/or statistical scientists
- Participate in professional enhancement activities provided by the onsite ADJOINT Director
- Receive funding for two weeks of lodging, meals and incidentals, and one round-trip travel to Berkeley, CA

After the two-week workshop, participants 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
- Become part of a network of research and career mentors

The guiding principle in selecting participants and establishing the ADJOINT groups is the creation of diverse teams whose members come from a variety of institutional types and career stages.

ADJOINT PROGRAM DIRECTORS

- **Dr. Edray Goins** (Pomona College)
- **Dr. Caleb Ashley** (Boston College)
- **Dr. Naiomi Cameron*** (Spelman College)
- **Dr. Anisah Nu'Man** (Spelman College)
- **Dr. Donald E.K. Martin** (North Carolina State University)

** 2025 site director*

2025 RESEARCH GROUPS

Dr. Loni Philip Tabb, Drexel University

County-level Cardiovascular Health Metrics and Their Relationship with Social Determinants of Health – What's the Importance of Residential Segregation?

Dr. Shanise Walker, Clark Atlanta University

Directed Antimagic Graphs

SELF-ADJOINT PROGRAM

Self-ADJOINT invites applications from existing or newly-formed independent small groups of researchers (groups of 3-5 preferred) to participate in an intensive two-week summer session at SLMath during June 30-July 11, 2025.

www.slmath.org/adjoint/392

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

"Almost as important as the research aspect is creating a sense of community. Because we're often in very separate places, coming together as a group — working together as a group — is very empowering."

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Self-ADJOINT 2025

ADJOINT is a yearlong program that provides opportunities for U.S. mathematicians and statisticians to form collaborations with distinguished research leaders on topics at the forefront of the mathematical and statistical sciences.

JUNE 30 - JULY 11, 2025 · BERKELEY, CA

Simons Laufer Mathematical Sciences Institute (SLMath)

ABOUT THE PROGRAM

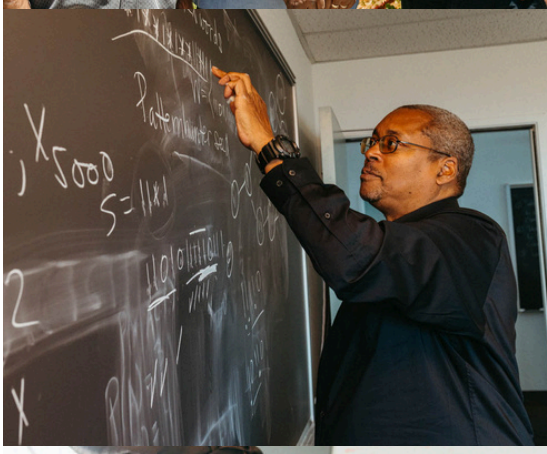
The Self-ADJOINT program invites applications from existing or newly-formed independent research groups to participate in an intensive two-week summer session at SLMath (formerly MSRI). Throughout the following academic year, the program will provide conference and travel support to increase opportunities for collaboration, maximize researcher visibility, and engender a sense of community among participants.

ELIGIBILITY & HOW TO APPLY

- **Small groups of researchers (groups of 3-5 preferred)** should submit one joint application for the group.
- All ADJOINT and Self-ADJOINT participants must be U.S. citizens or permanent residents, possess a PhD in the mathematical or statistical sciences, and be employed at a U.S. institution.
- All participants must be in residence and actively engaged in the program 8:30 am - 5:00 pm daily (without teaching, mentoring, or other professional responsibilities) for the full two-week duration on site at SLMath.
- Self-ADJOINT researchers may be part of only one group's application.

Apply via MathPrograms.org by February 5, 2025

slmath.org/adjoint



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During the workshop, each participant will:

- conduct research at SLMath
- participate in professional enhancement activities provided by the ADJOINT director
- 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
- have access to funding to attend conference(s) or to meet with other team members to pursue the research project or to present results
- become part of a network of research and career mentors

HOW TO APPLY

Applications are hosted on MathPrograms and require the following (see website for full details):

- Project Description (not more than two pages) aimed at a broad mathematical audience
- A brief history of the collaboration (if applicable)
- The broader mathematical context and motivation for the research area
- A description of the goals, impact, and specific research problems to be addressed, and if applicable, a description of the partial results already obtained
- A timeline for the project, including the research that will be accomplished before, during, and after the two-week residency at SLMath
- Statement on alignment with program goals
- A list of all members on the research team, including home institution, email address, confirmation of U.S. citizenship or permanent residency, year of PhD, and current position.
- A biographical sketch (following NSF format) for each of the team members
- A list of keywords and, if applicable, a list of Mathematics Subject Classification Codes

INDIVIDUAL RESEARCHERS:

The ADJOINT 2025 program invites applications from individuals to participate in an intensive two-week summer session at SLMath during June 30 - July 11, 2025. Participants will join a small group research project under the guidance of some of the nation's foremost mathematicians and statisticians to expand their research portfolios into new areas.

slmath.org/adjoint/392

ADJOINT DIRECTORS

- Dr. Edray Goins (Pomona College)
- Dr. Caleb Ashley (Boston College)
- Dr. Naiomi Cameron* (Spelman College)
- Dr. Anisah Nu'Man (Spelman College)
- Dr. Donald E.K. Martin (North Carolina State University)

** 2025 on-site director*

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

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