



RUTGERS

School of Arts and Sciences

Deputy Director of DIMACS

The DIMACS Center based at Rutgers University in New Brunswick, NJ seeks a Deputy Director. This is a five-year renewable appointment as Deputy Director as well as an Associate or Full Professor position in an appropriate Rutgers department.

Founded in 1989, DIMACS is a thriving consortium of seven universities and six companies. Its mission is to conduct research, catalyze research, and develop educational programs in the computational and mathematical sciences, including artificial intelligence, computing theory (algorithms, combinatorics, complexity), data science, discrete mathematics (geometry, graph theory), machine learning, modeling, optimization, and privacy. Activities often address applications in biology, cyber & physical security, economics, engineering, epidemiology, and sustainability, as well as topics in computer science and mathematics education. DIMACS's multi-year special focus programs address research themes that require topical expertise in these areas, have potential for societal impact, and are poised for advance. Its education programs include materials development for high school and college classrooms, an extensive summer undergraduate research program, and teacher education programs. DIMACS also leads the CCICADA Center for Advanced Data Analysis, which was founded as a Department of Homeland Security University Center of Excellence.

The Deputy Director will co-lead the scientific, educational, financial, and administrative aspects of the Center; help guide its vision; further its interdisciplinary traditions; write grants and raise funds; and interact with initiatives across Rutgers and other partners, including CCICADA. DIMACS has excelled at catalyzing new research and adapting to its partners' interests; the Deputy Director will contribute leadership in determining such new directions. The Deputy Director will serve a five-year (renewable) term at DIMACS and engage in research, teaching, and service in their home department.

The candidate must have a Ph.D. and a strong record of research, academic service, and teaching ability that is suitable for a tenured faculty appointment in a field such as computer science, mathematics, operations research, or statistics. The ideal candidate's research will connect to DIMACS's roots in theoretical computer science and discrete mathematics, while branching to other areas, such as data science, AI, and machine learning. The candidate should have wide interests and demonstrated leadership abilities. A successful record of grant funding is preferred.

Fostering diversity and inclusion is part of DIMACS's culture and mission. We welcome candidates from communities currently underrepresented in the computational and mathematical sciences, including women, people of color, individuals with disabilities, and candidates with non-traditional career paths.

Rutgers is an Equal Opportunity/Affirmative Action Employer. Qualified applicants will be considered for employment without regard to race, creed, color, national origin, age, ancestry, nationality, marital or domestic partnership or civil union status, sex, pregnancy, gender identity or expression, disability status, liability for military service, protected veteran status, affectional or sexual orientation, atypical cellular or blood trait, genetic information (including the refusal to submit to genetic testing), or any other category protected by law.

Interested candidates should submit a current Curriculum Vitae and a cover letter describing their interest in the position at <https://go.rutgers.edu/dimacsdeputy>. Letters of reference are not required during the initial stage of the search. **Application review begins on January 6, 2023.**

DIMACS

