

Alexander Burstein, Ph.D., is a professor in the Department of Mathematics at Howard University and a member of the Graduate Faculty. He earned his Ph.D. and M.A. in Mathematics from the University of Pennsylvania and holds a B.A., *cum laude*, in Mathematics from the same institution. His academic career includes faculty appointments at Iowa State University, George Washington University, and the University of Rhode Island before joining Howard University.

Burstein's research focuses on combinatorics and graph theory, with particular emphasis on enumerative and algebraic combinatorics, pattern avoidance in permutations, permutation statistics, and the Riordan group. He has authored numerous articles in leading mathematical journals and has presented his work at national and international conferences. His scholarship explores deep structural aspects of discrete mathematics and contributes to ongoing developments in the theory of combinatorial patterns.

At Howard University Burstein teaches undergraduate and graduate courses in mathematics and mentors students engaged in research. He is actively involved in curriculum development and supports graduate student training in combinatorial theory. Through his research, teaching, and service, Burstein contributes to the department's mission of excellence in mathematical scholarship and education.