

1056-Z1-1687 **Rebekah Dupont*** (dupont@augsborg.edu), 2211 Riverside Ave., Minneapolis, MN 55454.
Mentoring Underrepresented Students in Science and Mathematics. Preliminary report.

This talk will promote effective strategies for faculty and students funded by various programs supporting undergraduate research. We will consider the following questions: (1) Should strategies for mentors and mentees differ for programs designed to address the needs of underrepresented minority (URM) or low-income first-generation (LIFG) students? (2) What elements should be integrated into orientation sessions for faculty and student researchers? (3) What type of program structures lead to quality research outcomes and successful student development outcomes?

Like many colleges and universities, Augsburg College has multiple funding sources for undergraduate research; some is earmarked for URM or LIFG students, some is not. At Augsburg, students pursue undergraduate research funded by the Department of Education's McNair Scholars program, NSF's Louis Stokes Alliance for Minority Participation (LSAMP), and an internal undergraduate research program called URGO (Undergraduate Research and Graduate Opportunity). LSAMP students must be URM and McNair Scholars must be URM or LIFG, whereas URGO students are selected solely on the merit of their research proposals. The speaker will draw on her experience with these programs over the last ten years. (Received September 22, 2009)