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Fifteen years of the REU and DRP at the University of Chicago.

Peterson, Mark A. (ed.) et al., Directions for mathematics research experience for undergraduates. Based on the conference “New directions for mathematics research experiences for undergraduates”, Mount Holyoke College, South Hadley, MA, USA, June 21–22, 2013. Hackensack, NJ: World Scientific (ISBN 978-981-4630-31-3/hbk; 978-981-4630-33-7/ebook). 99-123 (2016).

Summary: Mathematics has become one of the most popular majors at the University of Chicago, now accounting for 10% of all undergraduates. This article describes how that came about, with focus on relevant new programs. A remarkable atmosphere of genuine excitement about mathematics has developed in step with the expansion of these programs. Perhaps only some of the details can be emulated elsewhere, but the crucial idea of collaborating with participants in developing attractive programs can be emulated anywhere.

Classification: B40 D35 D45

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