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Motivating young people to seek careers in STEM: research conclusions from interviews and observations in Ireland and the U.K.

Adams, G. (ed.), Proceedings of the British Society for Research into Learning Mathematics (BSRLM). Vol. 35, No. 1. Proceedings of the day conference, St. Patrick's College, Dublin, Ireland, February 28, 2015. London: British Society for Research into Learning Mathematics (BSRLM). 36-41 (2015).

Summary: The purpose of this research was to determine if Irish and U.K. mathematics teachers would support or deny what Indiana mathematics teachers would say are the most important skills necessary to successfully engage second-level students in maths. These European teachers would assess effective teaching strategies initially identified by some of Indiana's most effective maths teachers, providing a multi-national perspective on effective teaching practices. It is hoped that this research would allow Irish, U.K. and U.S. maths teachers to learn from each other. Principals in these countries could then use the results to help all mathematics teachers improve and excel.

Classification: C20 D40 D30

Keywords: teaching; educational research; teaching methods; motivation; choices; careers; mixed-method research; observations; interviews; effective mathematics teaching; faculty development; continuous growth
<http://www.bsrlm.org.uk/IPs/ip35-1/BSRLM-IP-35-1-07.pdf>