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**Statistical literacy in subjects other than mathematics: an exploratory case-study with pre-service science teachers.**

Adams, G. (ed.), Proceedings of the British Society for Research into Learning Mathematics (BSRLM). Vol. 34, No. 2. Proceedings of the day conference, University of Southampton, UK, June 14, 2014. London: British Society for Research into Learning Mathematics (BSRLM). 43-48 (2014).

Summary: This article describes part of a PhD study exploring how statistical literacy knowledge and skills may be transferred from mathematics to other domains, investigating the skills and dispositions of pre-service teachers. I report on an observational case-study of science student teachers on a postgraduate Initial Teacher Education (ITE) course, delivering a model lesson involving statistics to their peers. I discuss my initial investigation with reference to recent international research in the field, finding that the participants have a wide range of statistical knowledge and experience leading to mixed views and dispositions towards the application of statistics in science lessons.

*Classification:* K19 C39

*Keywords:* educational research; case studies; preservice teacher education; teachers; statistical literacy; subject content knowledge; transfer of training; science; peer-teaching activities; role of statistics in other subject-areas

<http://www.bsrlm.org.uk/IPs/ip34-2/BSRLM-IP-34-2-08.pdf>