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**George E Andrews\*** (gea1@psu.edu), Department of Mathematics, Pennsylvania State University, University Park, PA 16802. *The Generalized Rogers-Ramanujan Series and Related Mysteries.*

In 1983, D.M. Bressoud published An Easy Proof of the Rogers-Ramanujan Identities (J. Number Th., 16(1983), 235-241). The true charm of his proof has been noticed by many. The conclusion of the paper is devoted to a generalization of his result where he proves a polynomial identity which in the limit yields two instances of the generalized Rogers-Ramanujan series/product identity (Proc. Nat. Acad. Sci., 71(1974), 4082-4085). A careful study of this final result in Bressoud's paper provides some surprises, mysteries, and open problems. (Received May 21, 2014)