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Bruce C Berndt* (berndt@illinois.edu). *Ramanujan's Beautiful Integrals*.

During his entire life, Ramanujan loved to evaluate integrals. In his published papers, earlier notebooks, lost notebook, and letters to G. H. Hardy, Ramanujan offered a bewildering variety of beautiful integrals, many leading to further important results. In letters to the speaker, Richard Askey helped to bring a fuller understanding to some of these integrals. A survey of some of Ramanujan's integral evaluations will be given. (Received September 10, 2020)