

Meeting: 1002, Pittsburgh, Pennsylvania, SS 3A, Special Session on The History of Mathematics

1002-01-164 **Sloan Evans Despeaux*** (despeaux@wcu.edu), Department of Mathematics and, Computer Science, Cullowhee, NC 28723. *Purpose through Publication: Catalysts for Research by Junior Mathematicians in Nineteenth-Century Britain.*

For much of the nineteenth century, the systems of higher education in Britain provided no formal mandate for students to conduct research. However, mathematical journals and their editors did provide catalysts for research. This talk will consider how periodicals and their directors provided motivation for junior mathematicians who wanted to launch research in this environment. (Received September 13, 2004)