

1096-01-1125 **Sloan Evans Despeaux*** (despeaux@wcu.edu), Department of Mathematics and CS, 425
Stillwell, Western Carolina University, Cullowhee, NC 28723. *Mechanics and Mathematical Physics
in Nineteenth-Century Britain: An Overview.*

More than any other fields of mathematics, mathematical physics and mechanics attracted the most renowned nineteenth-century British mathematicians. William Thomson (later Lord Kelvin), George Gabriel Stokes, William Rowan Hamilton, James Clerk Maxwell, and George Green, among others, are today memorialized through theorems, equations and laws. Besides profiting from the creative output of these mathematical stars, mathematical physics and mechanics occupied a considerable amount of space in British scientific journals. This talk will explore what forces directed this wealth of talent into these fields and encouraged such activity in British scientific journals. (Received September 13, 2013)