

1077-01-425

**J. J. Tattersall\*** ([tat@providence.edu](mailto:tat@providence.edu)), Department of Mathematics, Providence College, 1 Cunningham Square, Providence, RI 02918, and **Asta Shomberg** ([ashomberg@providence.edu](mailto:ashomberg@providence.edu)), Department of Mathematics, 1 Cunningham Square, Providence College, Providence, RI 02918.  
*C.H. Kummell and the Method of Least Squares.*

When Stephen Stigler, the historian of statistical methods, summed up the major developments in statistical research in America from its origins to 1885, he enumerated the contributions of Robert Adrain, Benjamin Peirce, Charles Sanders Peirce, Simon Newcomb, and Erasmus Lyman De Forest. Stigler remarked that his survey was not complete for he had omitted any discussion of the work on errors-in-variables by R.J. Adcock and C.H. Kummell. We note Adcock's contribution and give an overview of the statistical legacy of Kummell. We also describe his work at Lake Survey and the U.S. Coast and Geodetic Survey, as well as his efforts to promote the subject of statistics as a member of the Philosophical Society of Washington. (Received September 22, 2011)