

1135-01-1417 **June Barrow-Green*** (june.barrow-green@open.ac.uk), School of Mathematics & Statistics,
The Open University, Walton Hall, Milton Keynes, MK7 6AA, United Kingdom. *The
mathematical education of George Gabriel Stokes*. Preliminary report.

In 1835 George Gabriel Stokes left Ireland to study at Bristol College. From there he went up to Pembroke College, Cambridge. Coached by William Hopkins, he graduated as Senior Wrangler and first Smith's prizeman in 1841. He stayed in Cambridge for the rest of his career, being elected to the Lucasian chair in 1849, a post he held for fifty-four years until his death in 1903, his research being largely focussed on fluid mechanics and optics. In this talk I shall examine the educational environment in which Stokes' mathematical talents developed, and look at the extent to which it provided him with a platform to make a career as a mathematical physicist. (Received September 22, 2017)