Scrutiny of the research literature reveals phenomena like irreproducibility and image manipulation, but there are also subtler problems, such as superficial methods, micro-plagiarism, and a decline in standard academic English. In this talk, Matarese will examine factors that shape the writing of research articles. She will review current initiatives to promote the usability of the research literature, and propose another approach that improves both the quality of the product and the efficiency of the process, explaining why now is the moment for change.