I’m therefore delighted that in this issue of *ATG* we have two contributions on this important topic. The first is by Donald Barclay and the second by Scott Plutchak. I really encourage you to read both — they were developed independently but are highly complementary and reflect whether there are pragmatic things that can be done to tackle these issues, and/or whether an intellectual paradigm shift is required. I’m not convinced there is a single right answer, but having read these pieces I’m newly convinced there are no quick and easy solutions. From where I am sitting, better peer review, research reproducibility, and analytics will be necessary ingredients.

Metrics have become surprisingly compelling to me, trained and firmly committed as a qualitative social scientist. But oh, the power of numbers is something I’ve come to really appreciate since joining Elsevier. Everything is measured here, occasionally in very painful detail. But there is something powerful in numbers and robust metrics for getting at reality and trends, and especially when these are counterintuitive or at odds with our own beliefs and perceptions. Other members of the research community clearly find metrics compelling too, given the range of articles in Elsevier Connect categorized under metrics and analytics and addressing topics from gender to research performance (https://www.elsevier.com/connect/home?f.Tags|terms=metrics&f.Tags|terms=data%20%26%20analytics&f. Community|community=elsevier%20connect).

Roger Schonfeld and colleagues at ithaka have got a great deal of experience in terrific longitudinal studies to gather metrics on the impact of libraries. Much of this work has focused on the contribution libraries make to teaching, and it would be really compelling to have even more insight into the contribution that libraries make to improving research performance.

I first aspired to help create an open access world in 2001, and sometimes really cannot believe that in 2017 it still hasn’t come to pass. And why is this? It is certainly not because it is impossible. It is not because there are vested interests that throw up road blocks. It is not because of copyright. Or money. Or profits. Or indeed many of the other things I regularly hear cited as “the barrier.” I firmly believe it is because we are not pragmatic enough, and do not hear cited as “the barrier.” Instead we use “open” as if it were a battlefield or a grassy field on which all sorts of other games are played. Anyway, this keeps me awake at night. However, it as my day job, and this exercise is in halving problems by sharing them, I asked my wonderful colleague Gemma Hersh for her perspective on making open a reality. She’s come up with a great piece that spans open access, open data, and open science and to my delight she also focusses on the importance of collaboration to make it all a reality. I hope you will enjoy reading what she has to say as much as I did.

continued on page 10