



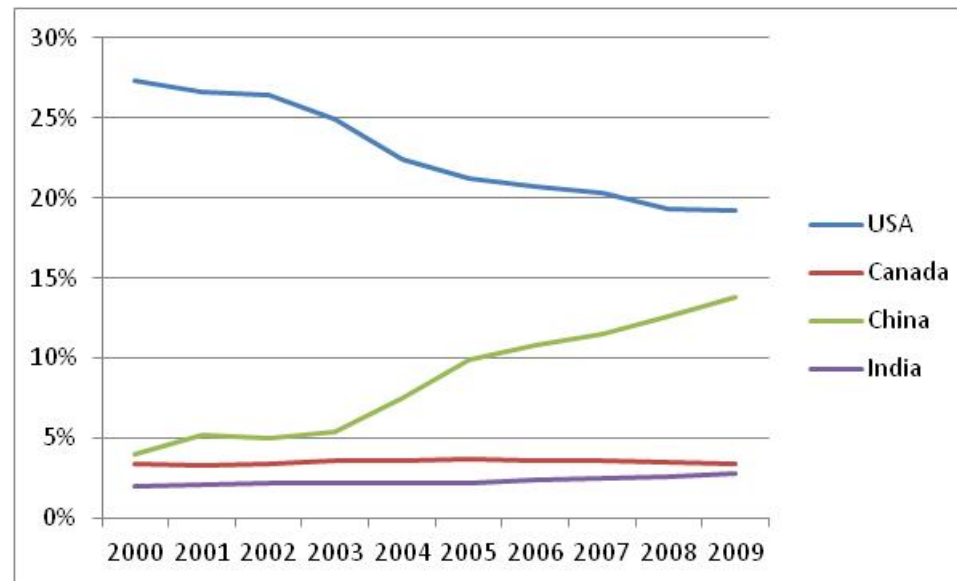
T&F Round Table
Ottawa/Vancouver, 25 & 27 October 2011

The Challenges of Peer Review in the 21st Century



It's a Small, Small World

- . . . a world we share:



- **How are these trends affecting the peer review process?**



New Technologies Are Forcing (Facilitating?) Change



- Web-based peer review systems (ScholarOne, Editorial Manager, Journal Tool) are becoming ubiquitous
- **Does using a system increase transparency and access, or does it impersonalize the process?**
- **What challenges — and benefits — are these changes presenting to you, as authors, referees, and editors?**



Does the Academy Still Support Peer Review?



- **What motivates researchers** to serve as referees and journal editors?
- **What can we as publishers and editors do to motivate them** (e.g., book or journal discounts)?
- **What are the disincentives** within the academy or other research milieus to serving as referees and editors?



got tenure?



A New World of Scholarly Communication



- New, respected modes of communication include
 - Repositories, e.g., ArXiv
 - “Peer review lite” journals, e.g., PLoS One
 - “Open” peer review, e.g., *Atmospheric Chemistry and Physics Discussion*
- **Have these alternatives to rigorous peer-reviewed journals reduced the influence of peer review and the scholarly journal?**



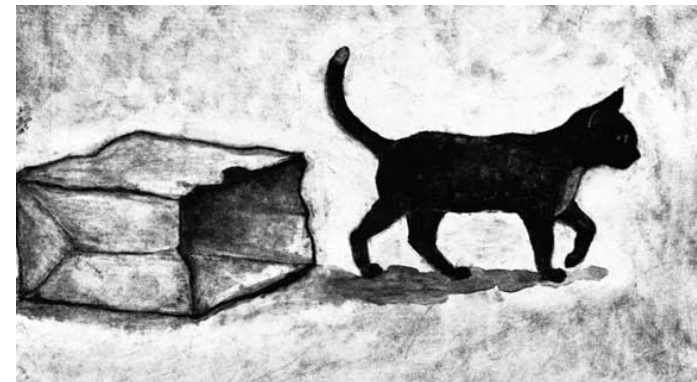
Cornell University
Library

arXiv.org



PLOS one

accelerating the publication of peer-reviewed science





Breakout Groups

- Divide into your assigned groups:
 - **Authors**
 - **Referees**
 - **Editors**
- A T&F staff member will chair each group and assign a “reporter” for the group
- Discuss, using the hand-outs as a guide, for 20-25 minutes
- The reporter from each group shares key discussion points and recommendations with the larger group

