



# 浙江大学医学院学术报告

## The Perils and Pleasures of Transparency: Improving Global Collaboration in the Conduct of Science



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### 报告人简介:

Dr. Benson currently works at the American Association for the Advancement of Science (AAAS), where she has been Managing Editor of Science Advances, the digital only, open access expansion of Science magazine. There she leads a team of in-house staff and over 155 external academic editors in publishing high-impact papers on topics in the areas of biomedicine, earth/environment/space sciences, physical and material sciences, and inter- and cross disciplinary work. Previous to her work at AAAS, Dr. Benson has worked launching new journals for science organizations. She is a member of the Council of Science Editors, the Society for Scholarly Publishing, and the Society for Technical Communication, and the World Association of Medical Editors. She is also an Adjunct Professor in the Publishing Program at the George Washington University in Washington DC.

### Abstract:

As a world leader in the publishing of high impact, high quality science, American Association for the Advancement of Science (AAAS) is committed to serving the global community as an exemplar in science publishing. Playing this role in the rapidly expanding, changing, and complex environment of empirical research requires a sharp focus on the core issues and values that can ensure that published science reflects research that has been ethically conducted and vigorously reviewed. The first part of this talk will describe the differences among the journals in the Science family, with a focus on the unique qualities of Science Advances. The second part will review how the Science family of journals is working independently and in collaboration with other journals and publishers to improve the reliability and reproducibility of published science, as well as ethical practices in science and of scientists. I'll touch on practical goals of organizations such as the Center for Open Science, and discuss how authors and reviewers might adjusting their view of their work in the context of larger research communities to become =better aligned with the critically important goals of achieving full transparency, openness, and reproducibility of all research.

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