



**U.S. Department of Agriculture (USDA) Dialogue with Journal Editors and Scientific Societies on  
Enhancing Rigor & Reproducibility in the Reporting of Agricultural, Forestry, and Nutrition Research**

**Teleconference**

**Wednesday, January 11, 2017**

**1:00 – 3:00 p.m. EST**

**Agenda**

<b>1:00 – 1:05 p.m.</b>	<b>Opening Remarks/Session Overview</b> Dr. Doug Bannerman; Departmental Scientific Integrity Officer, USDA Office of the Chief Scientist
<b>1:05 – 1:20 p.m.</b>	<b>Overview of the National Agricultural Research, Extension, Education, and Economics Advisory Board (NAREEEAB) Report on Enhancing Reproducibility and Rigor in USDA’s Research Portfolio</b> Dr. Ann Bartuska, Deputy Under Secretary for Research, Education, and Economics, USDA Dr. Mark McLellan; Vice President of Research, Utah State University
<b>1:20 – 1:35 p.m.</b>	<b>USDA Open Data Efforts</b> <ul style="list-style-type: none"><li>• Public Access Policies for Scholarly Publications/Scientific Datasets</li><li>• PubAg</li><li>• Ag Data Commons</li></ul> Mr. Paul Wester; Director, National Agricultural Library
<b>1:35 – 1:50 p.m.</b>	<b>Center for Open Science Efforts/Initiatives</b> <ul style="list-style-type: none"><li>• Transparency and Openness Promotion (TOP) guidelines</li><li>• Pre-registration</li><li>• Badges</li></ul> Dr. Brian Nosek; Executive Director, Center for Open Science See <a href="https://cos.io/">https://cos.io/</a>
<b>1:50 – 2:00 p.m.</b>	<b>Principles and Guidelines for Reporting Preclinical Research</b> Dr. Tara Schwetz; Senior Advisor to the Principal Deputy Director, National Institutes of Health See <a href="https://www.nih.gov/research-training/rigor-reproducibility/principles-guidelines-reporting-preclinical-research">https://www.nih.gov/research-training/rigor-reproducibility/principles-guidelines-reporting-preclinical-research</a>
<b>2:00 – 2:15 p.m.</b>	<b>Journal/Scientific Society Efforts and Perspectives</b> Dr. Patrick Stover; Past-President, American Society for Nutrition, and Professor, Cornell University Dr. Kent Messer; Council for Agricultural Science and Technology (CAST)

<p><b>2:15 – 2:55 p.m.</b></p>	<p><b>Open Discussion</b></p> <ul style="list-style-type: none"> <li>• Beyond science being self-correcting, do the scientific societies/journals believe that additional efforts need to be made to foster rigor and reproducibility in agricultural, forestry, and nutrition research?</li> <li>• What efforts are journals/scientific societies taking to ensure and foster rigor and reproducibility in the reporting of agricultural, forestry, and nutrition research? <ul style="list-style-type: none"> <li>○ Instructions for authors that address data and material sharing?</li> <li>○ Instructions for authors that address validation of reagents, cell lines, etc.?</li> <li>○ Statistical consultants available during the manuscript review process?</li> <li>○ Platform to share detailed methodology, raw data, and metadata supporting the published data?</li> <li>○ Platform for post-publication commenting/discussion?</li> </ul> </li> <li>• Do journals/scientific societies believe developing a consensus set of principles for reporting agricultural, forestry, and nutrition research is feasible and can foster rigor and reproducibility? <ul style="list-style-type: none"> <li>○ Can the “Principles and Guidelines for Reporting Preclinical Research” document (<i>see <a href="https://www.nih.gov/research-training/rigor-reproducibility/principles-guidelines-reporting-preclinical-research">https://www.nih.gov/research-training/rigor-reproducibility/principles-guidelines-reporting-preclinical-research</a></i>) be used as a blueprint for reporting agricultural, forestry, and nutrition research?</li> </ul> </li> <li>• Are journals/scientific societies willing to publish null results?</li> <li>• What affirmative next steps are journals/scientific societies willing to take to foster rigor and reproducibility in agricultural, forestry, and nutrition research?</li> </ul>
<p><b>2:55 – 3:00 p.m.</b></p>	<p><b>Closing Remarks/Adjourn</b></p>