BACKGROUND
ORCID provides persistent digital identifiers (ORCID iDs) for researchers and serves as a hub linking researchers to their research outputs.

OBJECTIVES
Many publishers collect author ORCID iDs and include them in document/DOI metadata. Previously, it was difficult to send article metadata to ORCID upon publication. To address this gap, we undertook a project aiming to:

• Develop a workflow that allows ORCID records to be updated automatically when a new item is published.
• Build new web application programming interface (API) features needed to support this workflow.

OUTCOMES
• Workflow and ORCID API modifications completed July 2015
• CrossRef implementing auto-update workflow August 2015
• DataCite and other DOI Registration Agencies to follow in 2015-16

IMPLICATIONS
Auto-update populates ORCID records with authoritative metadata, increasing the utility of ORCID as a rich data source.

• Publishers: Use ORCID data to support author/reviewer verification
• Publishers: Faster communication of new research
• Authors: Freedom from manually updating information in multiple systems

Disclosures & Acknowledgements
• The author is an employee of ORCID, Inc.
• This project was a collaborative effort of the entire ORCID team, its board and steering groups, and many of its member organizations, including the Association for Computing Machinery (ACM), CrossRef, DataCite, eJournal Press, Elsevier, Inc., Nature Publishing Group (NPG), ORCID EU, and Oxford University Press.