

# CRedit Taxonomy

Implementation at **CellPress**

# Timeline

- Began in **May 2015**
- Initial decision to first paper: **3 months**
- 16 research journals + 1 society title

## **AUTHOR CONTRIBUTIONS**

Conceptualization, M.S.L., P.P., G.G., N.J.H., P.S., D.A.W., E.S., K.R.C., A. Koren, and J.K.; Methodology, M.S.L., P.P., N.J.H., and P.S.; Software, N.J.H. and M.S.L.; Formal Analysis, N.J.H., M.S.L., and P.P.; Investigation, N.J.H., P.P., and M.S.L.; Resources, M.S.L., G.G., A. Koren, and D.A.W.; Data Curation, E.R., N.J.H., P.P., M.S.L., and A. Koren; Writing – Original Draft, N.J.H., M.S.L., A. Koren, P.P., and G.G.; Writing – Review & Editing, N.J.H., M.S.L., A. Koren, P.P., G.G., D.A.W., P.C.H., E.S., K.R.C., E.R., J.M.H., P.S., Y.E.M., A. Kamburov, and L.Z.B.; Visualization, N.J.H. and M.S.L.; Supervision, G.G., M.S.L., P.P., A. Koren, D.A.W., and P.C.H.

# Considerations

- **Optional** versus **mandatory**
- **Low-tech** versus **tech-heavy**
- **Resources** and workload
- Whether to allow the **3 degrees of contribution**
- Clarity of **communication**
- **Types of papers** to include
- Approach for **society titles**

# Cell Press approach

## **Lean approach**

- Optional
- Low-tech

## **Engage community**

- Blog posts
- Work with CASRAI and other organizations

## **Gauge uptake and response**

- Track uptake
- Conduct surveys

# Involvement

**Senior Management:** High-level support

**Marketing:** Blog

**Editorial:** Support and c

**Editorial Operations**

- Familiarity
- Author support
- Editorial messaging

**Production:** Author communication

**KEY ADVOCATE**

Persuasion:

1. Lots of information
2. No extra work

# Implementation

- Blog post

## Giving authors the CRedit they deserve



Posted by Deborah Sweet | Published June 03, 2015, 09:00

- Information for Authors

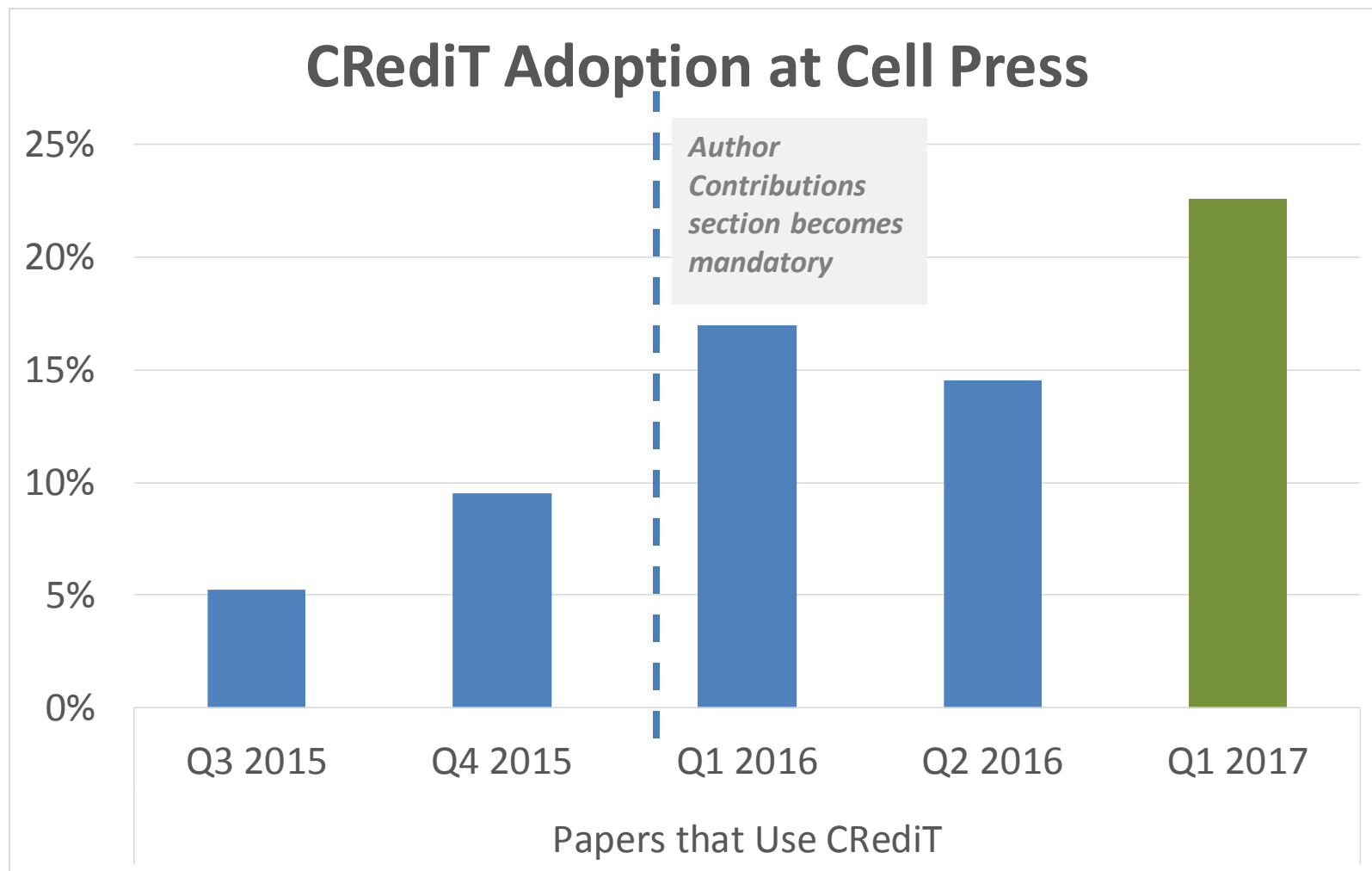
**Author Contributions Section:** To make author contributions transparent, all research articles should include an Author Contributions section. Please describe the contributions concisely and use initials to indicate author identity. We encourage you to use the CRedit taxonomy, which offers standardized descriptions of author contributions. An Authors Contributions section is not required for front-matter articles.

- Author communication

### **Author Contributions: CRedit Taxonomy**

Lastly, Cell Press has recently decided to endorse the Project CRedit taxonomy of contributor roles in Author Contributions sections. Use of this is optional; however, if you are interested, please review the taxonomy overview available at <http://www.cell.com/pb/assets/raw/shared/guidelines/CRedit-Taxonomy.pdf> and provide your copyeditor with any necessary changes. Also, if you have any thoughts about the value of this taxonomy, please let me know. We are keen to know what authors think about the use of the standard taxonomy versus the more traditional, descriptive approach.

# Results



# Author feedback

*The first time you used CRediT, did you find it easy or difficult to apply the taxonomy?*

**87% “very” or “moderately” easy**

*How useful did you find CRediT in accurately reflecting the contributions of all authors?*

**76% “extremely” or “very” useful**

*Would you use the taxonomy in future papers?*

**43% “definitely “ | 56% “probably”**



# What we learned

Pros and cons to an optional approach:

- Pro: Less work to test, responsive approach
- Con: Difficult to prioritize development

Need feedback from a range of users

A key advocate is vital to success

# Future plans

## Surveys

## Infrastructure support

- Submission system role capture → manuscript
- XML capture
- Online display enhancement

Long-term goal: Enable role search across papers

**THANK YOU**