

# WRITING AN ARTICLE FOR THE ILLINOIS MATHEMATICS TEACHER JOURNAL

Christopher Shaw & Daniel Jordan

ICTM Annual Meeting, Tinley Park, IL  
October 20, 2018






## WORKSHOP GOALS



- Discuss the process of article submission through publication
- Workshop article ideas
  - Start thinking now about an idea for an article you are interested in writing



## ABOUT THE IMT



- Official journal of the *Illinois Council of Teachers of Mathematics (ICTM)*
- Articles intended for teachers of K-16
- Focus on useful tools for teachers
- Located online at [journal.ictm.org](http://journal.ictm.org)



## CHOOSING A TOPIC



- Identify an original idea that you want to share
  - Approach for teaching a specific concept or practice
  - Insight into curriculum
  - Experience with implementing Common Core
  - Observation about your students' learning
  - Strategy for improving learning in the classroom



## OUTLINE YOUR MANUSCRIPT



- What issue does your idea address?
- What is your new innovation/method?
- How did you put your idea into practice?
- How effective was it?
- What advice do you have for another teacher who may try your idea?
- What are the limitations or possible extensions?



## RESEARCHING THE PROBLEM



- Consult the available literature
  - Find out what resources you can access through your library
- Consider connections to pedagogical theory
- Use *Chicago Manual of Style* for citations

**ICTM** **EVIDENCE OF EFFECTIVENESS** **MT**

- **Collecting Information**
  - Create a rubric
  - Observations
  - Pre-test/post-test
  - Surveys
  - Examples of student work
- **Evaluation**
  - Qualitative analysis
  - Statistical tools
- **Ethics**

**ICTM** **REVIEW PROCESS** **MT**

1. Article received by the editors
2. Article sent to reviewers (double-blind)
3. Editors compile and send referee report to author, with one of three decisions:
  - Accept
  - Revise and resubmit
  - Reject
4. Copyediting
5. Layout
6. Publication at [journal.ictm.org](http://journal.ictm.org)
7. Inclusion in a complete issue

**ICTM** **REVIEWER FEEDBACK** **MT**

Reviewers are asked to evaluate whether:

- The manuscript is of interest to IMT readers.
- The manuscript contributes to readers' mathematical, pedagogical, or professional knowledge.
- The manuscript offers new insights or ideas, or raises important questions or dilemmas.
- The manuscript is logically organized.
- The manuscript is written clearly.
- The writing (style and grammar) is of high quality.
- The mathematics is correct.
- The manuscript gives specific ideas for improving teaching and learning.

**ICTM** **WORKSHOP ACTIVITY** **MT**

- Break into groups
- Present your article topic
- Discuss the questions on the handout

**ICTM** **GROUP DISCUSSION** **MT**

- **For each article idea, discuss:**
  - What are some of the potential challenges in communicating this idea through a written article?
  - What tools would be helpful in presenting this idea clearly in a paper? (Pictures? Photographs? Tables?)
  - What are some potential sources of confusion for a reader, and how can those be mitigated?
  - What topics could the author research to place the work in context? Identify any specific resources that may be appropriate.
  - What forms of evidence would be most appropriate?

**ICTM** **CONTACT/SUBMIT** **MT**

- Visit the IMT website at:  
[journal.ictm.org](http://journal.ictm.org)
- Email the editors at:  
[imt@ictm.org](mailto:imt@ictm.org)
- Or individually:
  - Daniel Jordan: [djordan@colum.edu](mailto:djordan@colum.edu)
  - Christopher Shaw: [cshaw@colum.edu](mailto:cshaw@colum.edu)