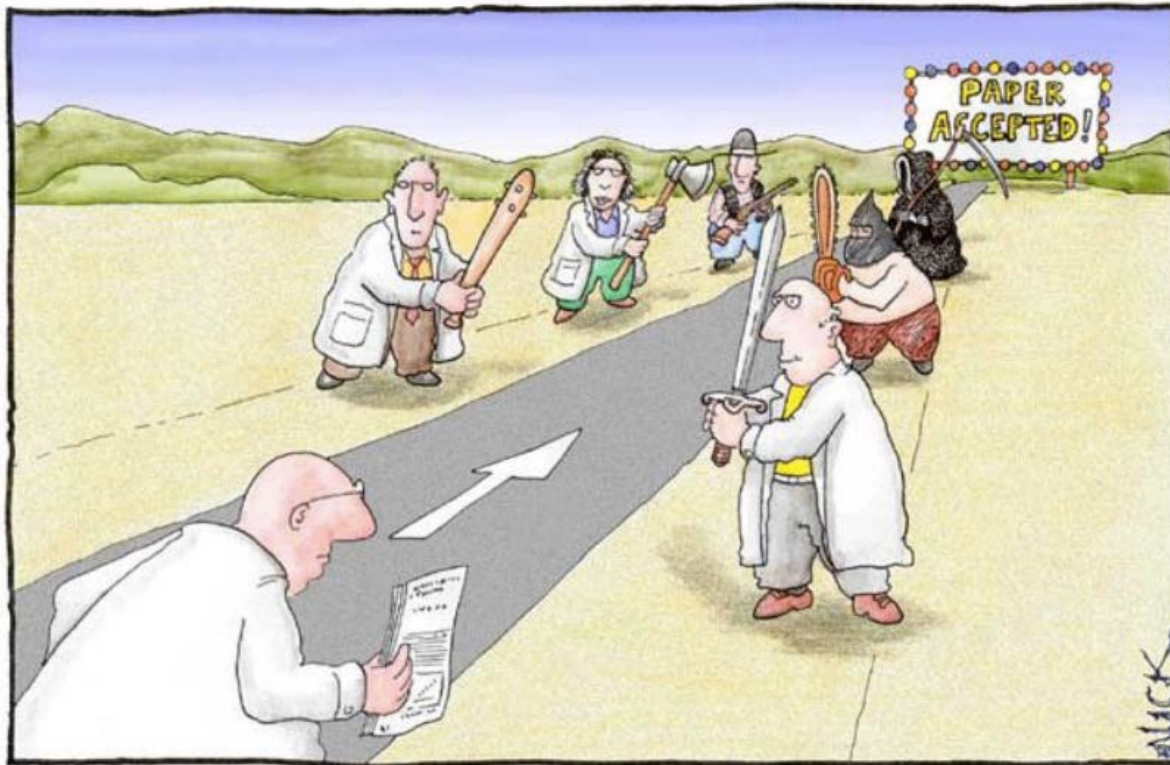


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Lisa M. Blank, Ph.D.



Most scientists regarded the new streamlined peer-review process as "quite an improvement."

Credit: Nick Kim

19th century scientist

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NOV 22

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NOV 21

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Science Education / by Rebeca Gamez, Carolyn A. Parker / 6d

Abstract This study investigates how two newcomer students, Elena and Martin,

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Joseph Krajcik is Lappan-Phillips Professor of Science Education with a faculty appointment in the MSU College of Education. He is the director of CREATE for STEM, a joint institute between the colleges of Natural Science, Education, Engineering and Lyman Briggs. CREATE's mission is to improve the teaching and learning of science and mathematics through innovation and research. During his career, Joe has focused on working with science teachers to reform science teaching practices to promote students' engagement in and learning of science. He is currently the principal investigator and co-principal investigator for several grants to design assessments and curriculum materials aligned with the Next Generation of Science Standards. He served as lead writer for developing Physical Science Standards for the Next Generation Science Standards and the lead writer for the Physical Science Design team for the Framework for K – 12 Science Education. Krajcik recently served as co-editor of the Journal of Research in Science Teaching. Krajcik has authored and co-authored curriculum materials, books, software and over 100 manuscripts, and makes frequent presentations at international, national and regional conferences. Joe was honored to receive a Distinguished Professorship from Ewha Womans University, Seoul, South Korea.



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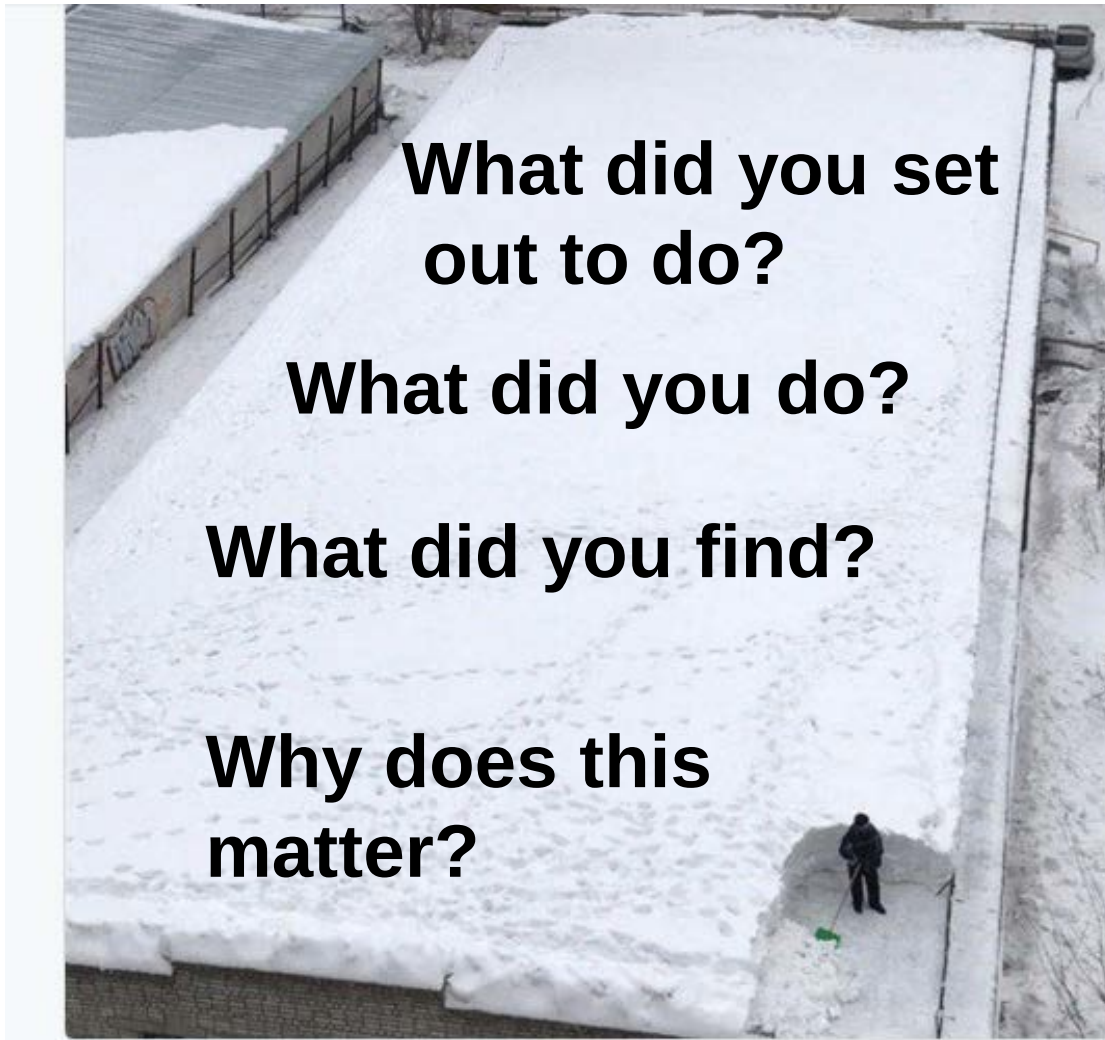
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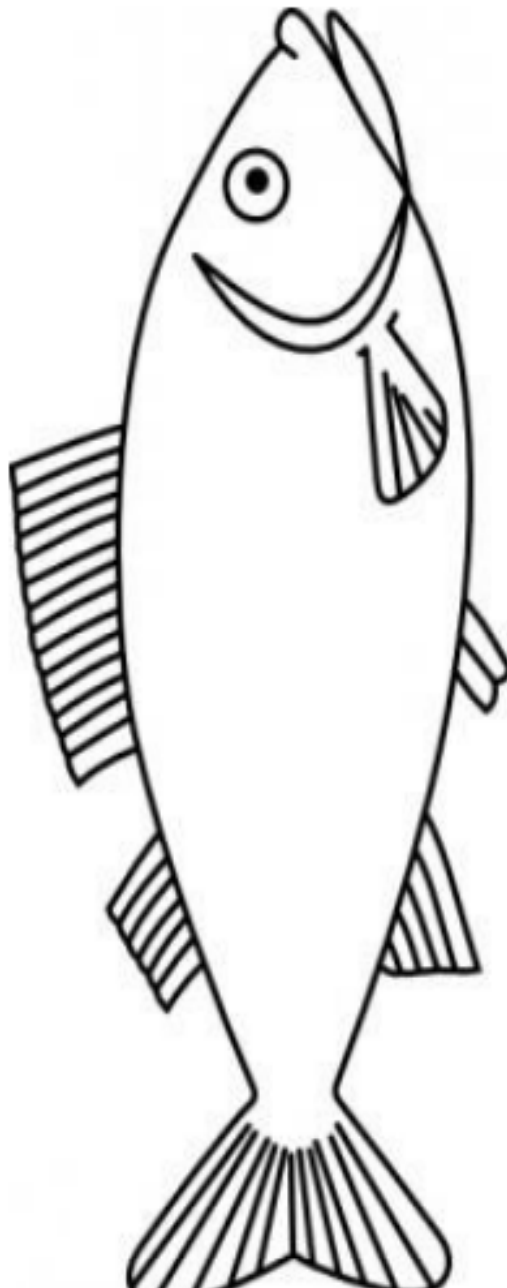


**What did you set
out to do?**

What did you do?

What did you find?

**Why does this
matter?**



- Title
- Abstract
- Keywords

- Main text (IMRAD)
 - Introduction
 - Methods
 - Results
 - And
 - Discussions

- Conclusion
- Acknowledgement
- References
- Supplementary Data



Title & Abstract

Conclusion

Introduction

Methods

Results

Discussion

Figures/tables (your data)





Effect of Child Influenza Vaccination on Infection Rates in Rural Communities: A Randomized Trial

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Before writing your manuscript

Have you identified your research question? Here's how:

- Begin by searching for and reading literature in your field.
- Scan through general interest journals, scientific news, research blogs and narrow down on a few interesting topics.
- Once you have chosen your topics read the table of contents of journals and the

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Identifying your research question

Making informed decisions about what to study, and defining your research question, even within a predetermined field, is critical to a successful research career, and can be one of the hardest challenges for a scientist.

Being knowledgeable about the state of your field and up-to-date with recent developments can help you:

- Make decisions about **what to study** within niche research areas
- Identify **top researchers** in your field whose work you can follow and potentially collaborate with
- Find **important journals** to read regularly and publish in
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How can you identify a research question?

Reading regularly is the most common way of identifying a good research question. This enables you to keep up to date with recent advancements and identify certain issues or unsolved problems that keep appearing.