









Target Journal = Neighborhood (Location)

Example reviewer ratings for "fit"

 Suitable for publication in this journal? 	(yes/no)
 Who would be interested in reading this paper? 	(fill in the blank)
 Rate the interest of the topic to <u>reader</u>s 	(very high, very low)
Rate the appropriateness of topic for this journal	(highly relevant, fairly relevant, tangential, inappropriate)

Choosing a Target Journal

- · Consider journal features
 - Scope and Audience: Match with your article's focus and message?

Example: Ethnicity and Disease

<u>Focus:</u> Causal relationships in the etiology of common illnesses through the study of ethnic patterns of disease

<u>Multidisciplinary journal</u>: Epidemiology, genetics, health services, social biology, anthropology

<u>Subscribers</u>: Physicians, medical researchers, other healthcare providers who treat patients and conduct research in the U.S. and abroad.

Choosing a Target Journal

Consider Journal features

- Scope and Audience: Match with your article's message?
- Impact factor
- Acceptance rate
- Circulation (# of subscriptions)
- Abstracting/indexing
- Frequency of publication (quarterly, monthly, weekly)
- <u>Read</u> the journal, identify "model" article
- Make a list (3-5 targets)
- Top-tier will triage, often rapid response
- If reviewed, but rejected use comments to improve your article

Example: Pediatric Blood and Cancer

- <u>Basic and clinical investigations</u> of blood disorders and malignant diseases of childhood, including diagnosis, treatment, epidemiology, etiology, biology, and molecular and clinical genetics of these diseases as they affect children, adolescents, and young adults
- <u>Studies on treatment options</u> such as hematopoietic stem cell transplantation, immunology, gene therapy



Article Type (length)	Description
Original Research (1500 to 3200 words)	Reports of original research on prevalence, causes, mechanisms, diagnosis, course, treatment, and prevention of disease.
Research and Reporting Methods (2500 to 4000)	Papers about research methods or reporting standards.
Reviews: Narrative (3500 to 4000)	Descriptions of cutting-edge and evolving developments, and underlying theory.
Reviews: Systematic & Meta-Analyses (3500 to 4000)	Reviews that systematically find, select, critique, and synthesize evidence relevant to well-defined questions about diagnosis, prognosis, or therapy.
Letters: Clinical Observations (600)	Short research or case reports.
Clinical Guidelines including Synopses (4000)	Summaries of official or consensus positions on issues related to clinical practice, health care delivery or public policy.



Article Section	Element of Critical Argument
Results	Evidence (the data), initial answer
Materials and methods	Credibility of evidence
Discussion and Conclusion	Your valid evidence; supporting evidence from others; contradictory evidence; final assessment of all evidence. Answer!







- 1. Rapidly read the introduction to a published article
- In 5 minutes or less, create a list of reasons (short bullet points) that the <u>authors provide</u> for why their work is important.

Before you draft your own introduction, ask yourself:

- What important <u>health or educational challenge/opportunity</u> does this work attempt to address? (There could be more than one!)
- What important <u>unanswered question(s)</u> or <u>gap(s) in knowledge</u> does this work attempt to answer?
- <u>Who</u> might be interested in the answer to this question?

Readers (and reviewers) expect that you have...

Introduction Investigated an important (significant) question.

1. Don't assume readers will "get it." Instead, directly address need, value, importance of your work by answering questions such as these in the text:

Research article:

- What gap in knowledge does this project fill?
- How will filling this gap move the field forward?

Review article:

• Why is a review needed on this topic? Why now?

Education innovation:

What is novel about your approach? What educational need does it fill, what challenge does it overcome, or what opportunity does it leverage?



























Additional Writing Strategies

- 1. When needed, give rationale for study design, methods
- 2. Include definitions when appropriate

Methods

3. Always provide details that emphasize data quality

4. Be consistent, logical with terms, label <u>Study Groups</u>: low-fat diet group, high-fat diet group Control (usual care), Treatment (intervention)

- Variables: Aggression or aggressive behavior?
- 5. Provide a method for every result (and vice versa)
- 6. Use a logical organization (subheads) not necessarily chronological
- 7. Consider using tables, figures for clarity and brevity

Readers (and reviewers) expect that you have ...

Results Presented all relevant data, in accordance with best reporting practices for this type of study (or analysis), and in a transparent, unbiased manner

Article Section	Element of Critical Argument
Introduction	Problem (question) – and its importance!
Results	Evidence (the data), initial answer
Materials and methods	Credibility of evidence
Discussion and Conclusion	Your valid evidence; supporting evidence from others; contradictory evidence; final assessment of all evidence. Answer!



What readers want to know: Data from the experiments conducted, assessments made, participants included, etc. – without judgments, opinions (Just the

Results: Presenting your findings

 Good news: Reporting guidelines focus heavily on readers' expectations for results sections!

facts, ma'am).

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Additional Writing Strategies

1. Section organization

Results

- Typically most important to least important
 - Main question or outcome
 - Secondary aims or outcomes
- Sometimes chronological
- · Follow order of methods
- Use descriptive subheads to guide reader (if allowed by journal)

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Article	Element of
Section	Critical Argument
Introduction	Problem (question) – and its importance!
Results	Evidence (the data), initial answer
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Readers (and reviewers) expect that you have...

Discussion

Provided a thoughtful and balanced interpretation of your findings – what they mean, how they might be applied.

Complicating factors:

Answer is unexpected Multiple interpretations are possible Study limitations: What can you really conclude?









as yoù analyze and interpret your results.



- Identify relevance to your work
- Note support for/disagreement with your results
- Note similarities/differences in design, endpoints, sampling, etc.
- Get ideas for points covered in discussion sections

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Compare your work to that of others

Example:

"In prior work, Smith and colleagues (2014) documented a significant improvement in ...medical students' self-reported attitudes toward the underserved... Our research builds on this work and other valuable shorter-term research by following students for a full two years, and by including not just medical students but also trainees from nursing, pharmacy, physical therapy, public health, and social work programs."





2. If you recommend more research, don't be vague: Additional research is needed

Further studies to confirm these findings would be helpful.

Instead, make (a few) specific suggestions

Examples

"Future research might test long-acting stimulant formulations for other substance-abusing ADHD adult populations, such as those with alcohol or cannabis use disorders.

"Further examination of the associations observed in this study might be improved by using a more comprehensive set of smoking intensity outcome measures.

Abstract = Curb Appeal



- Too much background
- No purpose statement
 - Missing important details (methods)
- Results don't match text, tables, figures
- No statement of main conclusion
- Unfounded main conclusion
- Importance of study not clear
- Too many abbreviations