

Avoiding Plagiarism in Research

Bijesh Mishra, Ph.D.

 @BijuBjs  @biju9bjs

 bzm0094@auburn.edu; bjs.misra@gmail.com

Auburn University
Auburn, AL

Jan 9, 2023

Table of Contents

Plagiarism:

- What is Plagiarism?

- When Plagiarism Occurs?

- Why Plagiarism Occurs?

Avoiding Plagiarism:

- How to Avoid Plagiarism?

- Common Knowledge:

Available Resources:

- Auburn University:

- Additional Resources:

Summary:

- Summary:

What is Plagiarism?

- ▶ Office of Student Support and Judicial Affairs, UCDAVIS: “Plagiarism is using another’s works without giving credit.”
- ▶ Auburn University (2019) Student Academic Honesty Code: Plagiarism is “using words or ideas of another as one’s own (page 100).”
- ▶ The U.S. Federal Definition from US Department of Health & Human Service (HHS), The Office of Science and Technology Policy (OSTP): “Plagiarism is the appropriation of another person’s ideas, processes, results, or words without giving appropriate credit.”

When Plagiarism Occurs?

Two Common ways:

- ▶ Improper use of someone else's **works** or **ideas**:
 - ▶ Misappropriating published or unpublished works fully or partially.
 - ▶ Misappropriating concepts, ideas, theories, texts, image, data, etc.
- ▶ Improper use of someone else's words.
 - ▶ Using source information too closely when **paraphrasing**.
 - ▶ Use original content by substituting/shuffling words and **cite**.
 - ▶ Failing to enclose "borrowed verbatim in quotation mark".
 - ▶ Hiring someone to write your assignment, paper, and thesis.

Why Plagiarism Occurs?

Two Potential Reasons:

- ▶ **Conscious Avoidance:**
 - ▶ Creating false citation.
 - ▶ Use original content as it was with citation.
 - ▶ Paraphrased properly in own words without citation.
- ▶ **Unconscious Negligence:**
 - ▶ I know so everyone knows.
 - ▶ Forget to acknowledge or cite.

Notes:

- ▶ Self-plagiarism and text recycling might be taken as plagiarism.
- ▶ Falsification and fabrications are also research misconducts.

Actions to Reduce Plagiarism:

- ▶ Auburn University Title XII, Academic Honesty Code.
- ▶ National Science Foundation (NSF) Office of the Inspector General (OIG) can subpoena if plagiarism is suspected (Kornfeld, 2019).
- ▶ NSF Grant recipient faculties were two times more likely to be guilty compared to that from National Institute of Health (NIH) (NSF 88% VS 42% NIH) (Kornfeld, 2019).
- ▶ According to NSF report, 5 plagiarism cases were committed by NSF grant recipients between Oct. 2021 to Sept. 2022.
- ▶ Research misconducts are publicly available and recorded in National Archive Federal Register.

How to Avoid Plagiarism?

- ▶ Summarize, paraphrase and cite.
- ▶ Contact original idea/work generator and seek approval if needed.
- ▶ Clearly and unambiguously differentiate your ideas/works from others.
- ▶ Use **common knowledge** (?).
- ▶ Plagiarism Dilemma: **REVISE, REWRITE, and CITE.**

What are “Common Knowledge”?

- ▶ Depends upon writer, reader, knowledge level, situation, events, consequence, relative field of work, etc.
- ▶ Universal truth such as “Sun rises from East.”
- ▶ ”Alfred Marshall’s Principle of Economics developed a supply-and-demand curve” **MAY BE** a common knowledge for **economics student** but **NOT** for **Palentobiology student**.
- ▶ Find frequently used but uncited information (common knowledge) in established literature in your field and context.

Auburn University:

- ▶ Plagiarism: Some Information You Should Know.
- ▶ Responsible Conduct of Research (RCR) or CITI AU Basic RCR Training.
- ▶ Flow chart showing the types and severity of plagiarism violations: [Did I Plagiarize?](#)
- ▶ Office of Research Compliance
- ▶ Miller Writing Center

Additional Resources:

- ▶ HHS, The Office of Research Integrity.
- ▶ Regulation of Research by NSF, Office of General Counsel (OGC).
- ▶ NIH Responsible Conduct of Research Training.
- ▶ Collaborative Institutional Training Initiatives (CITI Program).
- ▶ Plagiarism Checker such as [turnItIn](#).
- ▶ AI and Plagiarism: [King and chatGPT \(2023\)](#). A Conversation on Artificial Intelligence, Chatbots, and Plagiarism in Higher Education. *Cel. Mol. Bioeng.*

Summary:

- ▶ Be creative.
- ▶ Give credit.
- ▶ Revise, rewrite and cite.
- ▶ Use common knowledge.
- ▶ Summarize, paraphrase, and cite.