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Breaking It All Down: Teaching AMA Style Citations to Pre-Pharmacy Students

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Breaking It All Down: Teaching AMA Style Citations to Pre-Pharmacy Students

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Agenda

1. Review background of the project
2. Lesson plan creation and delivery
3. Formative and summative assessment from students and instructors
4. Vision for the future

Background of the Project

- PX100: Exploring Pharmacy
- Group project exploring the opioid crisis by creating an infographic with AMA style citations
- Instructors sought a new approach to teaching AMA style citations with help from the health sciences librarian

Lesson Plan Creation

- Two 75-minute sessions
- Session 1 covered basic information literacy concepts and how to use key databases
- Session 2 covered plagiarism and AMA style citations

Lesson Plan and Delivery

- Scaffolded approach to content
- Poll Everywhere for feedback and discussion
- Plagiarism discussion
 - What is plagiarism?
 - Why cite your sources?

Lesson Plan and Delivery

- Emphasize pieces and components to be able to manipulate in any citation style
- Example AMA style citations
 - Journal article
 - Print book
 - Ebook
 - E/book chapter
 - Website
 - Images
 - Copyright and public domain conversation

Journal Article Example

Author Last Name First Initial Middle Initial. Title of article. *Accepted abbreviation of Journal*. Year; Volume(Issue No):Page numbers. doi:xx.xxx

Focosi D, Anderson AO, Tang JW, Tuccori M. Convalescent plasma therapy for COVID-19: state of the art. *Clin Microbiol Rev*. 2020;33(4):e00072-20.

[doi:10.1128/CMR.00072-20](https://doi.org/10.1128/CMR.00072-20)

Lesson Plan and Delivery

- How to differentiate between sources
 - Consider how the information was originally packaged and published
- Citing within an infographic and PowerPoint
 - Linked to 3 real world examples
 - Example reference page

Lesson Plan and Delivery

- Group activity linked off of [class LibGuide](#)
- [Practice citation worksheet](#), scaffolded content
- Reviewed answers using Poll Everywhere and Zoom Chat

Formative Assessment

- Common “sticking points”
 - Journal abbreviation
 - Editing the detailed punctuation
 - Uncertain which piece of the citation is which
 - Rearranging from one format to another (APA to AMA)

Summative Assessment

- Informal evaluations using Google Forms after each class
- Students appreciated a low-stakes environment to practice citations and intentional breaks for questions
- Feedback indicated students still wanted help with
 - Journal abbreviations
 - Formatting
 - How to differentiate between formats
- Feedback from instructors indicated that citations had greatly improved over previous years

Reflections and Vision for the Future

- Update to AMA Manual of Style 11
- Use Kahoot for a more engaging and fun experience
- Use mix of academic and informal examples
- Create formal survey for detailed analysis
- Qualitative comparison of final projects before citation instruction session

THANK YOU!



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