

ASB 462: Medical Anthropology

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## Module 4 Assignment: Social Inequalities Research Evaluation (60 points)

Download, fill in, and turn in this form. Read through the instructions to the end before you get started. Be sure to **use complete sentences where indicated**, and maintain this document's 1-inch margins, single-spacing, and 11-12pt font.

**Name:**

<p><b>(1) Locate a peer-reviewed, empirical/primary research article investigating some form of relationship between social inequality and health (5 points)</b></p> <p>Important!</p> <ul style="list-style-type: none"><li>Use the following tutorials from the ASU Libraries on peer-reviewed journal articles and how to locate them (<a href="https://www.asu.edu/lib/tutorials/peer-reviewed/">https://www.asu.edu/lib/tutorials/peer-reviewed/</a>) and find and use different article types (<a href="https://www.asu.edu/lib/tutorials/storyline/article-types/story_html5.html">https://www.asu.edu/lib/tutorials/storyline/article-types/story_html5.html</a>).</li><li>Provide a complete <a href="#">APA style</a> for the article here. (See link and example below).</li></ul>	<p>Complete APA style citation: Lachner, A., Backfisch, I., Hoogerheide, V., van Gog, T., &amp; Renkl, A. (2020). Timing matters! Explaining between study phases enhances students' learning. <i>Journal of Educational Psychology</i>, 112(4), 841–853. <a href="https://doi.org/10.1037/edu0000396">https://doi.org/10.1037/edu0000396</a></p>
<p><b>(2) Identify the central research question(s) being addressed by the study (5 points)</b></p> <p>Important!</p> <ul style="list-style-type: none"><li>If you quote these questions, use quotation marks and note the page number where the quoted text is located.</li></ul>	<p>Central research question(s): Does explaining in earlier phases of studying (in-between explaining) enhance learning more than explaining after the entire study phase (after study explaining)?</p>
<p><b>(3) List the different types of methods the study utilizes (5 points)</b></p> <p>Important!</p> <ul style="list-style-type: none"><li>Methods are how the data was collected. Please choose a different article if no data collection or methods are described.</li></ul>	<p>List the study's methods:</p> <p>1) Primary Method: Experiment 1: University students read a text about combustion engines and explained the contents between study phases or at the end.</p> <p>2) Secondary Method:</p>

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	<p>A third group recalled the contents aloud to control retrieval processes.</p> <p>3) Specific Tools: Verbal protocol analyses to assess students' monitoring and conceptual knowledge.</p>
<p><b>(4) Describe <u>two</u> main results of the study</b> (10 points)</p> <p>Important!</p> <ul style="list-style-type: none"> <li>• If more than two results are presented, please choose and describe only two.</li> <li>• Please <u>do not</u> quote/copy the authors' words but rewrite the results <u>in your own words</u> to demonstrate your understanding of the study.</li> </ul>	<p>Result #1: In Experiment 1, in-between explaining enhanced students' conceptual knowledge more than after-study explaining due to increased monitoring.</p> <p>Result #2: Experiment 2 found that in-between learning activities were more effective than after-study activities, with explaining being more effective than written retrieval practice.</p>
<p><b>(5) Describe the main conclusion of the study</b> (10 points)</p> <p>Important!</p> <ul style="list-style-type: none"> <li>• Please <u>do not</u> quote/copy the authors' words but rewrite the conclusion <u>in your own words</u> to demonstrate your understanding of the study.</li> </ul>	<p>Main conclusion: The study concluded that the timing of learning activities is crucial for improving learning outcomes. Specifically, explaining content between study phases enhances learning more effectively than explaining after the entire study phase.</p>
<p><b>(6) Evaluate for yourself the study's results and conclusions</b> (15 points)</p> <ul style="list-style-type: none"> <li>• Tell us how <u>the study's results and conclusions contribute to</u> understanding how social inequalities impact health.</li> <li>• Please do not simply restate the authors' conclusions you described #5 above; we are interested in your perspective of how the study</li> </ul>	<p>Your evaluation: The study's results demonstrate that early intervention in the learning process through in-between explaining significantly enhances conceptual understanding and monitoring. This insight is valuable for educational practices, suggesting that structuring learning activities to</p>

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<p>increases our knowledge of how social inequalities affect health.</p> <ul style="list-style-type: none"><li>• Please write <b>4-8 complete sentences</b>.</li></ul>	<p>include explanations between phases can address knowledge gaps more effectively. The findings contribute to understanding how social inequalities in educational environments can be mitigated by optimizing learning strategies to improve overall academic performance and health outcomes.</p>
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**Formatting:** (5 points) Maintain the document's formatting: single-spacing and 11pt font throughout the assignment.

**Spelling/Grammar:** (5 points) 0-1 errors = 5 points, 2-3 errors = 4 points, 4-5 errors = 3 points, 6-7 errors = 2 points, 8-9 errors = 1 point, 10+ errors = 0

**Example of an APA-style citation of a journal article from this [handout](#) on the APA website:**

Lachner, A., Backfisch, I., Hoogerheide, V., van Gog, T., & Renkl, A. (2020). Timing matters! Explaining between study phases enhances students' learning. *Journal of Educational Psychology, 112*(4), 841–853. <https://doi.org/10.1037/edu000396>

From American Psychological Association. (2021). Common reference examples guide. <https://apastyle.apa.org/instructional-aids/reference-examples.pdf>