

Making Research Personal

This assignment is part of the Making Research Personal project, which was supported through the Association for Psychological Science Teaching Fund Microgrants program. If you use this assignment, please credit it appropriately.

ASSIGNMENT: Summarizing a Journal Article by Dr. Luke Chang

Objectives

- ✓ *To practice skills of reading technical research reports*
- ✓ *To broaden knowledge of current psychological research*

APA Goals for the Undergraduate Psychology Major (2.0)

GOAL 2: Scientific Inquiry and Critical Thinking

- 2.2 Demonstrate psychology information literacy
- 2.4 Interpret, design, and conduct basic psychological research

GOAL 4: Communication

- 4.1 Demonstrate effective writing for different purposes
- 4.2 Exhibit effective presentation skills for different purposes

Instructions

Choose one of the journal articles listed below or search the list of publications from Dr. Chang's [website](#) to pick your own article.

1. Prepare a summary of the research experiment that you read from your chosen article. You will be preparing a series of PowerPoint slides for your analysis. A template for organizing your analysis is below.
2. Turn in your assignment as a voice-over PowerPoint. Don't just read your slides. Expand on them to demonstrate that you are comfortable with the content. If you have never done a voice-over before click [here](#) for instructions.

Suggested Articles:

- van der Meer, J.N., Breakspear, M., **Chang, L.J.**, Sonkusare, S., & Cocchi, L. (2020). Movie viewing elicits rich and reliable brain state dynamics. *Nature Communications*, 11(1), 1-14. <https://www.nature.com/articles/s41467-020-18717-w>
- Yu, H., Koban, L., **Chang, L.J.**, Wagner, U., Krishnan, A., Vuilleumier, P., ... & Wager, T. D. (2020). A generalizable multivariate brain pattern for interpersonal guilt. *Cerebral Cortex*, 30(6), 3558-3572. <https://www.biorxiv.org/content/biorxiv/early/2019/11/09/835520.full.pdf>
- **Chang, L.J.**, Yarkoni, T., Khaw, M.W., & Sanfey, A.G. (2013). Decoding the role of the insula in human cognition: functional parcellation and large-scale reverse inference. *Cerebral Cortex*, 23(3), 739-749. <https://academic.oup.com/cercor/article/23/3/739/317372>

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Template for assignment (generally 1 slide for each bullet)

- Provide a properly formatted APA reference citation.
- In 1 or 2 sentences, state the research question(s) addressed by the experiment.
- Give a clear and accurate statement of the research hypothesis/hypotheses.
- Identify the participants and describe how they were selected for the study.
- Give a brief description of the procedure.
- In a brief bulleted list give a description of the results and what they mean. You do not need to include numbers or statistics in your statements.
- Indicate any qualifications on interpreting the results and identify any questions for future research that are raised by the study.

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