

Schedule

Week 01

Thu, Aug 28, 2025

NO MEETING

Week 02

Thu, Sep 04, 2025

- Introductions
- Lab overview
- Homework
- [Link to mtg minutes](#)

Week 03

Thu, Sep 11, 2025

MEETING CANCELLED

Week 04

Thu, Sep 18, 2025

- Visual acuity project overview
 - *Read:* Neijzen et al. (2025); Gilmore, DiFulvio, Beamer, & Cruz (2025) | [poster](#) |

Week 05

Thu, Sep 25, 2025

- PLAY project overview
 - *Read:* Soska et al. (2021)
 - *Review:* Soska, Hertzberg, Adolph, Gilmore, & Tamis-Lemonda (n.d.-b); Soska, Hertzberg, Adolph, Gilmore, & Tamis-Lemonda (n.d.-a)

Week 06

Thu, Oct 02, 2025

NO MEETING

Week 07

Thu, Oct 09, 2025

- Databrary overview
 - *Read*: Gilmore & Adolph (2017), Gilmore, Kennedy, & Adolph (2018)
 - *Review*: Gilmore, Seisler, Soska, Xu, & Liu (2025)

Week 08

Thu, Oct 16, 2025

- More on Databrary and data sharing
 - Example: <https://databrary.org/volume/61>
 - Example: <https://psu-psychology.github.io/psy-548-2025-fall/constructivism.html>
 - Example: <https://databrary.org/volume/49>

Week 09

Thu, Oct 23, 2025

- Open scholarship overview
 - *Read*: Gilmore & Qian (2021)
 - *Review*: “Open Scholarship Initiative” (n.d.); Gilmore & Pearce (2025)

Week 10

Thu, Oct 30, 2025

- Big data developmental neuroscience
 - *Review*: [HEALthy Brain and Child Development \(HBCD\) Study](#); [Adolescent Brain Cognitive Development \(ABCD\) study](#)

Week 11

Thu, Nov 06, 2025

- Autism and Tylenol: What's the evidence?
- Slides: | [html](#) |

Week 12

Thu, Nov 13, 2025

- More on Autism and Tylenol: What's the evidence?
- Review: Shaw et al. (2025)
- Slides: | [html](#) |

Week 13

Thu, Nov 20, 2025

Thanksgiving

Week 14

Thu, Dec 02, 2025

Week 15

Thu, Dec 09, 2025

References

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- Gilmore, R. O., DiFulvio, J., Beamer, B., & Cruz, N. (2025). Synthesizing evidence about developmental patterns in human visual acuity as measured by teller acuity cards. *Journal of Vision*, 25, 2456. <https://doi.org/10.1167/jov.25.9.2456>
- Gilmore, R. O., Kennedy, J. L., & Adolph, K. E. (2018). Practical solutions for sharing data and materials from psychological research. *Advances in Methods and Practices in Psychological Science*, 1, 121–130. <https://doi.org/10.1177/2515245917746500>
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- Gilmore, R. O., & Qian, Y. (2021). An open developmental science will be more rigorous, robust, and impactful. *Infant and Child Development*. <https://doi.org/10.1002/icd.2254>
- Gilmore, R. O., Seisler, A., Soska, K., Xu, M., & Liu, Y. (2025, June 4). Databrary guide. Retrieved September 4, 2025, from <https://databrary.github.io/guide/>
- Neijzen, C. M., Wit, F. M. de, Hettinga, Y. M., Boer, J. H. de, Genderen, M. M. van, & Wit, G. C. de. (2025). Reference values for the teller acuity cards II (TAC II) in infants and preverbal children, a meta-analysis. *Acta Ophthalmologica*. <https://doi.org/10.1111/aos.17447>
- Open Scholarship Initiative. (n.d.). Retrieved September 25, 2025, from <https://penn-state-open-science.github.io/>
- Shaw, K. A., Williams, S., Patrick, M. E., Valencia-Prado, M., Durkin, M. S., Howerton, E. M., ... Maenner, M. J. (2025). Prevalence and early identification of autism spectrum disorder among children aged 4 and 8 years - autism and developmental disabilities monitoring

network, 16 sites, united states, 2022. *MMWR Surveillance Summaries*, 74, 1–22. <https://doi.org/10.15585/mmwr.ss7402a1>

Soska, K. C., Hertzberg, O., Adolph, K. E., Gilmore, R. O., & Tamis-Lemonda, C. S. (n.d.-a). An hour in the life. Retrieved September 4, 2025, from <https://www.anhourinthelife.org/>

Soska, K. C., Hertzberg, O., Adolph, K. E., Gilmore, R. O., & Tamis-Lemonda, C. S. (n.d.-b). Play & learning across a year. Retrieved September 4, 2025, from <https://play-project.org/>

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