

Subject: Theory of Mind in Young Children

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Course Descriptions

The goal of this course is to help students being familiar with the major concepts and research progress in the field of social cognition in general and Theory of Mind in specific. So as to develop an ability to design experiments or studies to explore the related issue and also apply the knowledge into their further teaching and learning.

Keywords:

young children, infant, theory of mind, false belief, emotion understanding

Schedule

Week	Topics
1	Introduction
2	The concept of Theory of Mind
3	The classical Theory of Mind Tasks
4	Culture and the Sequence of Developmental Milestones toward Theory of Mind Mastery
5	Family Influences on Theory of Mind
6	Why Montessori is a Facilitative Environment for Theory of Mind
7	From Behavior to Beliefs
8	The Empathic Mind in Children with Communication Impairments
9	Mindreading as a Transactional Process
10	The Development of Theory of Mind: Historical Reflections
11	Paper report and discussion 1
12	Paper report and discussion 2
13	Paper report and discussion 3
14	Proposal report 1

15	Proposal report 2
16	Proposal report 3

Teaching Methods

1. Lecturing
2. Discussion

Evaluation:

1. Journal paper Report: 30%
2. Proposal: 60% (Oral presentation: 30 %; Written proposal: 30%)
3. Attendance and participation: 10%

Reference Book

Slaughter, V. & de Rosnay M. (2017). Theory of Mind development in context.
 Miller, S. A. (2016). Parenting and Theory of Mind. Oxford University Press.

Assigned Papers:

Each student choose one article to report.

All the assigned papers have been put on the **eLearn** platform.

Reference Articles

- Adams Jr, R. B., Rule, N. O., Franklin Jr, R. G., Wang, E., Stevenson, M. T., Yoshikawa, S., . . . Ambady, N. J. J. o. c. n. (2010). Cross-cultural reading the mind in the eyes: an fMRI investigation. *22*(1), 97-108.
- Atkinson, L., Slade, L., Powell, D., & Levy, J. P. J. J. o. E. C. P. (2017). Theory of mind in emerging reading comprehension: A longitudinal study of early indirect and direct effects. *164*, 225-238.
- Baimel, A., Severson, R. L., Baron, A. S., & Birch, S. A. J. F. i. p. (2015). Enhancing “theory of mind” through behavioral synchrony. *6*, 870.
- Benson, J. E., & Sabbagh, M. A. (2016). Theory of mind and executive functioning: A developmental neuropsychological approach. In *Developmental social cognitive neuroscience* (pp. 77-94): Psychology Press.
- Bosacki, S. L. J. I., & Development, C. (2015). Children's theory of mind, self-perceptions, and peer relations: A longitudinal study. *24*(2), 175-188.
- Bowman, L. C., Thorpe, S. G., Cannon, E. N., & Fox, N. A. J. D. s. (2017). Action mechanisms for social cognition: behavioral and neural correlates of developing Theory of Mind. *20*(5), e12447.

- Brooks, R., & Meltzoff, A. N. J. J. o. E. C. P. (2015). Connecting the dots from infancy to childhood: A longitudinal study connecting gaze following, language, and explicit theory of mind. *130*, 67-78.
- Carr, A., Slade, L., Yuill, N., Sullivan, S., & Ruffman, T. J. S. D. (2018). Minding the children: A longitudinal study of mental state talk, theory of mind, and behavioural adjustment from the age of 3 to 10. *27*(4), 826-840.
- Dörrenberg, S., Rakoczy, H., & Liszkowski, U. J. C. D. (2018). How (not) to measure infant Theory of Mind: Testing the replicability and validity of four non-verbal measures. *46*, 12-30.
- Decety, J., & Svetlova, M. J. D. c. n. (2012). Putting together phylogenetic and ontogenetic perspectives on empathy. *2*(1), 1-24.
- Devine, R. T., & Hughes, C. J. C. d. (2014). Relations between false belief understanding and executive function in early childhood: A meta-analysis. *85*(5), 1777-1794.
- Ding, X. P., Wellman, H. M., Wang, Y., Fu, G., & Lee, K. J. P. S. (2015). Theory-of-mind training causes honest young children to lie. *26*(11), 1812-1821.
- Filippi, C., Choi, Y. B., Fox, N., & Woodward, A. J. D. s. (2019). Neural correlates of infant action processing relate to theory of mind in early childhood. e12876.
- Gönültaş, S., Selçuk, B., Slaughter, V., Hunter, J. A., & Ruffman, T. J. C. d. (2019). The capricious nature of theory of mind: Does mental state understanding depend on the characteristics of the target?
- Imuta, K., Henry, J. D., Slaughter, V., Selcuk, B., & Ruffman, T. J. D. p. (2016). Theory of mind and prosocial behavior in childhood: A meta-analytic review. *52*(8), 1192.
- Kim, S. J. P. D. T., Research,, & Treatment. (2015). The mind in the making: Developmental and neurobiological origins of mentalizing. *6*(4), 356.
- Kirk, E., Pine, K., Wheatley, L., Howlett, N., Schulz, J., & Fletcher, B. J. B. j. o. d. p. (2015). A longitudinal investigation of the relationship between maternal mind-mindedness and theory of mind. *33*(4), 434-445.
- Licata, M., Kristen, S., & Sodian, B. J. S. D. (2016). Mother-child interaction as a cradle of theory of mind: the role of maternal emotional availability. *25*(1), 139-156.
- McLoughlin, N., & Over, H. J. P. S. (2017). Young children are more likely to spontaneously attribute mental states to members of their own group. *28*(10), 1503-1509.
- Meltzoff, A. N., & Kuhl, P. K. J. Z. t. T. (2016). Exploring the infant social brain: What's going on in there. *36*(3), 2-9.
- Perez-Zapata, D., Slaughter, V., & Henry, J. D. J. C. (2016). Cultural effects on

- mindreading. *146*, 410-414.
- Poulin-Dubois, D., & Yott, J. J. D. s. (2018). Probing the depth of infants' theory of mind: Disunity in performance across paradigms. *21*(4), e12600.
- Powell, L. J., Hobbs, K., Bardis, A., Carey, S., & Saxe, R. J. C. D. (2018). Replications of implicit theory of mind tasks with varying representational demands. *46*, 40-50.
- Schaafsma, S. M., Pfaff, D. W., Spunt, R. P., & Adolphs, R. J. T. i. c. s. (2015). Deconstructing and reconstructing theory of mind. *19*(2), 65-72.
- Selcuk, B., Brink, K. A., Ekerim, M., Wellman, H. M. J. I., & Development, C. (2018). Sequence of theory-of-mind acquisition in Turkish children from diverse social backgrounds. *27*(4), e2098.
- Slaughter, V., Imuta, K., Peterson, C. C., & Henry, J. D. J. C. d. (2015). Meta-analysis of theory of mind and peer popularity in the preschool and early school years. *86*(4), 1159-1174.
- Slaughter, V., & Perez-Zapata, D. J. C. D. P. (2014). Cultural variations in the development of mind reading. *8*(4), 237-241.
- Sodian, B., & Kristen-Antonow, S. J. D. p. (2015). Declarative joint attention as a foundation of theory of mind. *51*(9), 1190.
- Sodian, B., Licata, M., Kristen-Antonow, S., Paulus, M., Killen, M., & Woodward, A. J. C. d. (2016). Understanding of goals, beliefs, and desires predicts morally relevant theory of mind: A longitudinal investigation. *87*(4), 1221-1232.
- Wellman, H. M. J. C. D. P. (2017). The development of theory of mind: Historical reflections. *11*(3), 207-214.
- Winter, K., Spengler, S., Bermpohl, F., Singer, T., & Kanske, P. J. S. r. (2017). Social cognition in aggressive offenders: Impaired empathy, but intact theory of mind. *7*(1), 670.
- Yott, J., Poulin-Dubois, D. J. J. o. C., & Development. (2016). Are infants' theory-of-mind abilities well integrated? Implicit understanding of intentions, desires, and beliefs. *17*(5), 683-698.