

## Memory and planning in the great apes

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Retrieving stored information either from working memory or long-term memory is an essential component of planning abilities. In fact some authors have argued that certain types of memory like episodic memory and mental time travel have evolved not just to recall information but to assist organisms to solve current that they face or future problems that they may encounter. Although there has been some work on both memory and planning skills in the great apes, there has not been a concerted effort to investigate them together. This information is crucially needed to make inferences about the evolution of memory and planning systems in humans. In this talk, I will present recent data on various types of long-term memory and the information that they encode as well as their role in planning abilities. I will also establish a link between the types of memories described in the great apes and those described in the human and nonhuman literature.