



Thaddeus Polk Ph.D.

Associate Professor
Department of Psychology
Department of Electrical Engineering and Computer
Science
4428E East Hall 1109
Ann Arbor, MI 48109
(734) 647-6982
tpolk@umich.edu
[My website](#)



 [Download](#) this page

Research Interests

Dr. Polk's research area is cognitive neuroscience. With support from the NIH, he is using functional MRI to study the neural architecture underlying reading, bilingualism, and number processing. He also works on developing computationally explicit theories of cognitive architecture, particularly, prefrontal control and verbal working memory

Selected References

Polk, T.A. & Newell, A.: Deduction as verbal reasoning. *Psychological Review* 102(3), 533-566, 1995.

Polk, T.A. & Farah, M.: Late experience alters vision. *Nature* 376, 648-49, 1995.

Polk, T.A. & Farah, M.: Brain localization for arbitrary stimulus categories: A simple account based on Hebbian learning. *Proceedings of the National Academy of Sciences USA* 92, 12370-3, 1995.

Polk, T.A. & Farah, M. A simple common contexts explanation for the development of abstract letter identities. *Neural Computation* 9(6): 1275-1287, 1997.

Polk, T.A. & Farah, M.: The neural development and organization of letter recognition: Evidence from functional neuroimaging, computational modeling, and behavioral studies. *Proceedings of the National Academy of Sciences USA* 95, 847-852, 1998.

Find more publications by [Dr. Thaddeus Polk](#)
Last updated 10/11/2004 [Click here to update](#)

00671