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National Academy of Sciences Colloquium on*
Brain Produces Mind by Modeling



The Colloquium on “[Brain Produces Mind by Modeling](https://www.pnas.org/cc/arthur-m-sackler-colloquium-brain-produces-mind-by-modeling)” suggests that in interpreting the world, the brain creates a model that includes the self, the body, and its physical and social environment. The mind consists of the model formed by the brain.

With a focus on computational modeling, the articles in this colloquium explore a coherent view of the brain as a model builder that solves problems of perception, learning, memory, attention, and prediction to maximize survival in a complex world.

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