

Video: Face blindness study sheds light on typical brain function

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People with acquired prosopagnosia recognize few faces, a condition known also as "face blindness." These are people who have suffered brain damage that interferes with their ability to recognize faces, even the faces of people they have met many times. The condition is rare. Only a few thousand people across North America have it.

With support from the National Science Foundation's (NSF) Directorate for Social, Behavioral, and Economic Sciences, psychologist Brad Duchaine and his team at Dartmouth College are studying the brains of 20 people with acquired prosopagnosia to better understand the computational and neural basis of face processing in general.

The research will help scientists develop a classification system for the condition and advance understanding of how different face processing abilities, such as identity, expression and gaze, are organized in the brain.

Provided by National Science Foundation

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