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Introd ction

Scientists argue in a recent research that e orts to comprehend human cognition should go beyond studying individual brains. To better understand how people think, they urge neuroscientists to include ndings from social science disciplines.

e researchers said in a paper published in the journal Frontiers in Systems Neuroscience that growing evidence suggests that memory, reasoning, decision-making, and other higher-level activities occur across persons. Cognition expands into the physical environment as well as other people's heads [1].

Researchers aimed to address the limits of studying brains in isolation, out of context and without the resources that they rely on for optimal function. Consider how people frequently "outsource" the process of comprehending or reaching conclusions about complex subject matter, relying on the knowledge of others to guide their own decision-making [2].

"Most individuals will agree that smoking increases the risk of lung cancer - without necessarily knowing how this happens," "Moreover, doctors do not impart all of their knowledge to their patients while diagnosing and treating sickness. Patients instead rely on doctors to advise them on the best course of action.

"Our views would become untethered from the social traditions and scienti c data that are necessary to maintain them if we didn't rely on specialists in our community," he said. "For example, it would be uncertain whether' smoking causes lung cancer,' casting doubt on the reality of our beliefs and the motive for our acts." e researchers wrote that it is vital to look beyond the individual and examine the community in order to comprehend the role of knowledge in human intellect [3].

"To a considerable extent, cognition is a communal activity, not an individual activity," Sloman added. "People rely on others to reason, judge, and make decisions for them. is component of cognitive processing is beyond the scope of cognitive neuroscience. " e Knowledge Illusion: Why We Never ink Alone," a book Sloman co-wrote with Phil Fernbach, a cognitive scientist and professor of marketing at the University of Colorado, explores the limitations of individual knowledge and human reliance on others for understanding.

" e di culty for cognitive neuroscience is to collect knowledge that is not stored in the individual brain but is outsourced to the community,"

Functional MRI, for example, was developed to detect activity in one brain at a time and has limited capacity for capturing the dynamics *Corresponding author: Stella Fletcher, Department of Psychology, Northwestern University, Illinois, USA; E-mail: stellaf@hotmail.com

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Received September 20, 2021; Accepted October 05, 2021; Published October 13, 2021

Citation: Fletcher S (2021) In Cognitive Neuroscience, Experts Discuss the Constraints of Researching Individual Brains. Clin Neuropsychol 4:122.

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