



Thursday  
June 17, 2021  
6:00-7:00 PM CST

## “The relationship between spatial processing and math: a block play study”

### Sharlene Newman, Ph.D.

Professor of Psychology at UA  
Executive Director of Alabama  
Life Research Institute



**Sharlene D. Newman** is a [cognitive neuroscientist](#), executive director of the Alabama Life Research Institute serving the rural and underserved communities at the [University of Alabama \(UA\)](#), Professor in the Department of Psychology at UA, and an adjunct professor in the Department of Psychological and Brain Sciences at [Indiana University](#). She is currently organizing the purchase of 3T Magnetic Resonance Imaging Instrument for University of AL, Tuscaloosa. Her research specializes in understanding brain function using [neuroimaging](#) methods such as [magnetic resonance imaging](#). She was one of the first to apply these neuroimaging techniques to study [language processing](#) in the human brain, which helped identify which regions of the brain are involved in different linguistic functions. She has also worked on using neuroimaging to understand other aspects of brain function, such as [executive function](#), mathematical and spatial processing, [substance addiction](#), and [psychopathology](#).

This UAB CNC Neuroscience Café is a **virtual event** in collaboration with the Birmingham area libraries and nearby communities, including UA.

### Register for Zoom Meeting:

<https://uab.zoom.us/j/78284828282>

You will receive a confirmation email with the link to the meeting.