

Pub Science at Homecoming 2018!

Wright State University, College of Science and Mathematics will host our third Pub Science event as part of the 2018 Homecoming celebrations:

October 5th, 2018 8:00 PM
Wright State University's Rathskeller (008 S.U).

Pub Science is a lively science talk held in a casual settings. There is no stuffy lecture—the speaker presents the science in lay terms and facilitates a dynamic conversation with the audience.

This Pub Science topic is Constructing Reality: What visual illusions tell us about how the brain works
Presentation by Scott Watamaniuk, Ph.D.,
Professor and Graduate Program Director for
Psychology

The talk will explore how our visual perception works with our brain to figure out our world.

About Dr. Watamaniuk:

Scott Watamaniuk, PhD, received a B.Sc. in psychology from the University of Alberta (1985), and an MS (1987) and PhD (1990) in psychology from Northwestern University. Prior to coming to Wright State in 1995, Watamaniuk was a postdoctoral research fellow and research scientist at the Smith-Kettlewell Eye Research Institute in San Francisco, CA.

Watamaniuk studies the capabilities and limitations of the human visual system to process motion information and how that motion information is used to guide eye and hand movements.

His current research is focused on how motion is used to segregate the visual environment, the attentional advantages exhibited by avid action video game players, and how moving impacts visual motion perception sounds.

Also, other research investigates how human smooth pursuit eye movements respond to complex motion stimuli to shed light on the sensory-motor interface transforming visual motion information into motor commands. He is actively studying the attention needed for and the spatial distribution of attention during smooth pursuit eye movements. A new area of research, in collaboration with Dr. Anna Ma-Wyatt at the University of Adelaide in Australia, involves studying reaching/pointing responses to complex visual motion stimuli.

Enjoy a cash bar and light refreshments in the original Rathskeller

Trivia: Rathskeller is a name in German-speaking countries for a bar or restaurant located in the basement of a city hall or nearby. Many taverns, nightclubs, bars, and similar establishments throughout the world take the name Rathskeller. The word had been used in English since the mid-19th century.



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