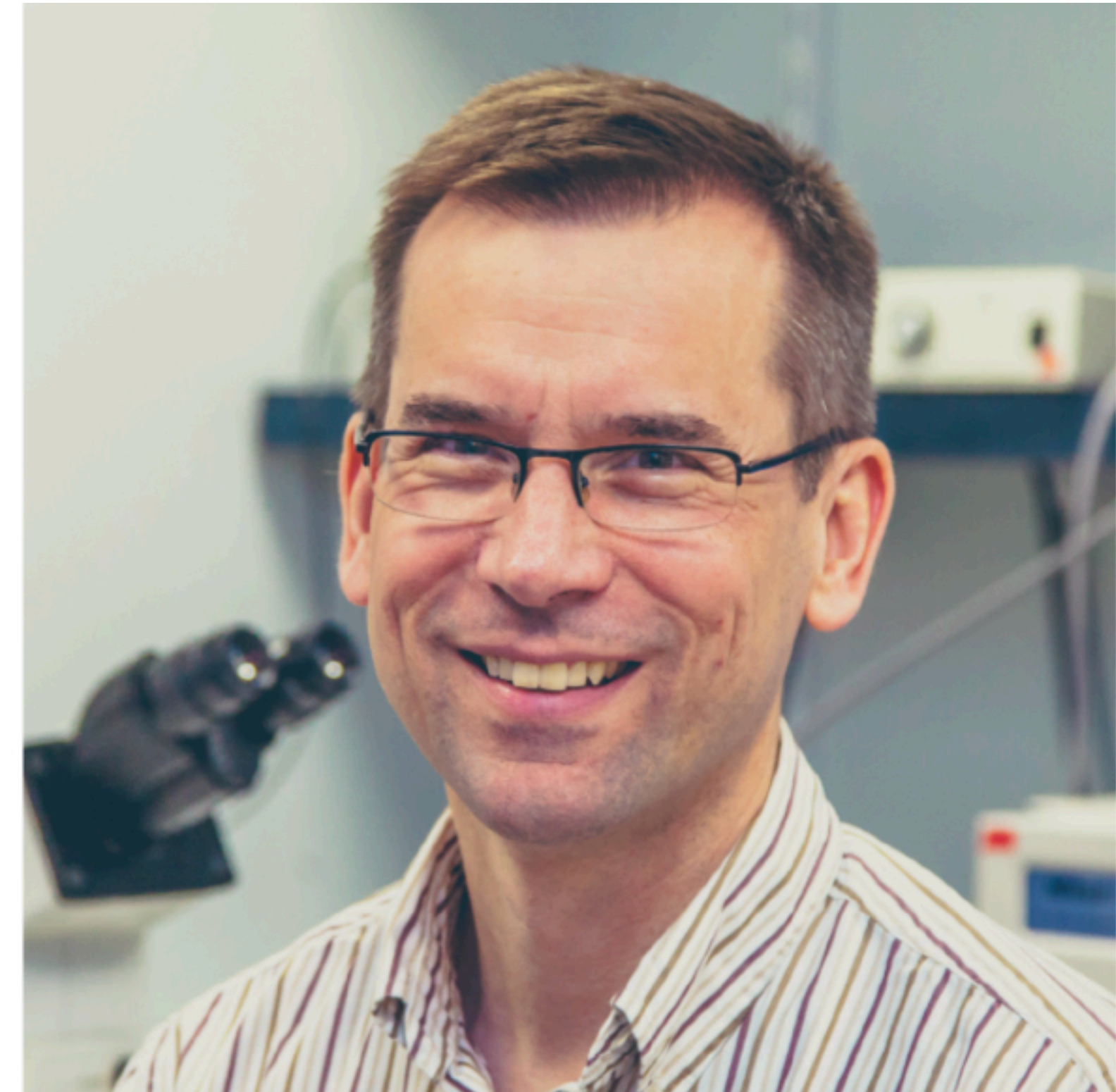


Steve Mennerick, PhD

Prof of Psychiatry

Co-chair of DBBS Curriculum

- I [a grad student] was characterizing the % of hippocampal neurons in culture that used glutamate vs. GABA. My PI decided to help with increasing the N. My own data suggested that ~80% of neurons used glutamate. However, when my PI started recording, he got nearly reversed results from mine – nearly 80% GABAergic. We eventually traced the discrepancy to unconscious biases we each had in cell selection. Each of us was conditioned by previous studies we had performed to overlook cells of a certain shape. Ultimately, I repeated the experiment, forcing myself to record each and every cell that I encountered. The final result was approximately half and half. It was a lesson in unconscious bias/data



Kelli Huber, PhD

Consultant

- Kelli joined a lab that had the following predicament:
 - Postdoc worked in lab, collected and managed all the data. Data were password protected.
 - Said postdoc gets a new job and leaves the lab (standard practice)
 - Password goes with the postdoc. They can't reach the postdoc.
 - The data was locked away for ~3 years before it was able to be accessed and analyzed.

