

Learning and the Brain: The Multiple Pathways Model

A presentation by noted educational neuroscientist

Janet Zadina

Friday, February 5th, 9:00-11:30 a.m. in Cypress College CC-PLEX 414

In this exciting presentation, loaded with real brain images and scattered with interactive experiences, attendees will actually see how learning takes place in the brain through powerful images and discover what is required within the brain for that to happen. Neuroscience indicates that the more modalities by which students encode information, the easier that information is to learn and recall. As educators, we often think of learning pathways as consisting of visual, auditory, and kinesthetic. In this workshop, attendees will experience new and exciting pathways that will energize instruction and strategies for accessing these additional pathways in order to reach diverse and struggling learners. Come prepared to laugh, learn, experience, and engage.

RSVP District Staff Development calendar under the Faculty tab on MyGateway

About Janet Zadina

Dr. Janet Zadina is an Educational Neuroscientist who sees brain research through the eyes of a teacher because she is a cognitive neuroscientist with many years of teaching experience at the high school and community college level. She bridges the fields of education and neuroscience through her work as a researcher, teacher, author and international speaker.

She received her doctorate in the College of Education at the University of New Orleans, conducting her award-winning dissertation research on the neuroanatomy of dyslexia through collaboration with Tulane University School of Medicine. She continued her postdoctoral education with a Fellowship in Cognitive Neuroscience in the Department of Psychiatry and Neurology at Tulane University School of Medicine where she researched neuroanatomical risk factors for developmental language disorders through MRI brain scans.

Dr. Zadina is author of *Multiple Pathways to the Student Brain Energizing and Enhancing Instruction*, among other books. She is the founder of *Brain Research and Instruction* and has presented keynotes and workshops internationally on brain research and instruction.

To learn more about Janet Zadina, go to her website at <http://www.brainresearch.us/>

See her TEDxEnola presentation at <https://www.youtube.com/watch?v=2lzjo5swMmE>