

AGATEVic presentation:

**Educational Neuroscience: What Does It Mean for Talent Development and Gifted Education Advocacy?**

Presentation on: **Saturday, October 28 at 11am (AEST) as a zoom session.**

Presenter: **Pamela R. Clinkenbeard, Ph.D. - Professor Emeritus of Educational Foundations Univ. of Wisconsin-Whitewater, USA**



**Abstract:**

The field of educational neuroscience (also known as "Mind, Brain, and Education") is expanding rapidly. What does neuroscience research offer educators and psychologists who work with gifted students? What does "brain-based" mean for evidence-based teaching? Are there implications for parenting the gifted? Research on neuroplasticity has implications for talent development and advocacy, particularly with young children of poverty. Topics include a brief research overview, implications of neuroplasticity for talent development approaches and advocacy, and the critical importance of appropriate challenge for brain development. Sources for more information on neuroscience and creativity, motivation, and twice-exceptionality will be shared.

Pamela Clinkenbeard is Professor Emeritus of Educational Foundations at the University of Wisconsin-Whitewater, USA, and a board member and former president of the Wisconsin Association for Talented and Gifted (WATG). She currently chairs WATG's Government Action Committee. She co-developed Wisconsin's first gifted education teacher and coordinator licensure programs. She served as a board member and officer of the U.S. National Association for Gifted Children (NAGC), and is currently the U.S. liaison to the European Council for High Ability (ECHA). She serves on gifted education and research advisory boards at Northwestern University (CTD) and Purdue University (GER2I), and is a member of the editorial boards for Gifted Child Quarterly and Gifted and Talented International. She has written several book chapters and has published articles in Gifted Child Quarterly, Journal for Education of the Gifted, and Roeper Review, as well as other journals. Her research interests include motivation and gifted students, neuroscience implications for gifted education, advocacy and economic policy related to gifted education, and talent development among children living in poverty.

