Application of the Extended Mind Thesis to Nuclear Training

Dave Helling
Senior Training Advisor
“Where does the mind stop and the rest of the world begin?”

The Extended Mind
David Chalmers and Andy Clark, 1998
Areas of Research

Embodied Cognition

Situated Cognition

Distributed Cognition
Annie Murphy Paul

• *The Extended Mind: The Power of Thinking Outside the Brain*

• 2021 Book

• Consolidates the research

• Makes the Extended Mind research accessible
Reflections on Fifty Years of Teaching and Learning in the Nuclear Industry

Dave Helling
Senior Training Advisor
Be a Student of Teaching and Learning

- Learning how to teach is a developed skill
- Requires studying the art and science of teaching
- As important as technical competence
- Use research-based interventions
Care

• Single most important factor
• Know your students
• Be a coach not a referee
• Always ask how you could teach a topic more effectively
• Instructor expertise is most important factor in student learning

• Are your best people your instructors?

Understand Your Impact As An Instructor
Dave Helling
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