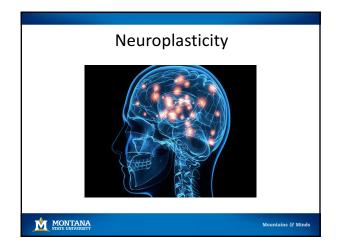
What Graduate Students Need to Know about Learning, Memory and Development

Carrie B. Myers, Anna Zelaya, and Catherine M. Johnson



Mountains & Minds



Hebbian Theory

 What you focus on, you literally are strengthening or weakening the synaptic connections between the neurons of your brain.

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Mindfulness

 The practice of becoming aware of what you are paying attention to right here, right now, without being distracted. Cognition then, allows you to do something the same or something differently next time.



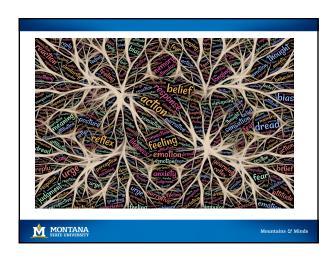
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E + R = O

 Between EVENT and RESPONSE there is space. In that space is our power to choose our response and impact the OUTCOME. In our response lies the opportunity for us to learn and develop.



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Intentionally Changing your Brain

- · Attention Regulation
 - Becoming aware of how and what you pay attention to
- Emotional Regulation
 - Becoming aware of how you manage your emotions
- Cognitive Regulation
 - Becoming aware of your cognitive processing and directing your <u>attention</u> to a desired outcome while regulating your <u>emotions</u> on demand



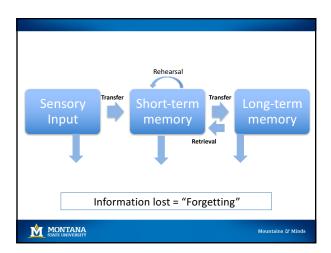


Brain Storming Activity (1 min)

- · What do you know about memory?
- How are memory and learning related?



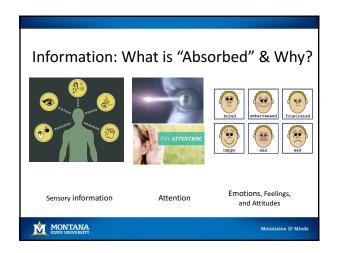




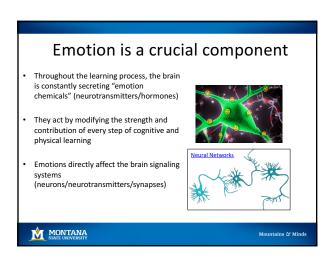
Theories on Memory and Learning

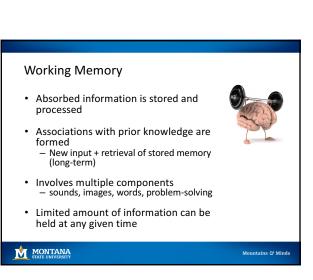
- Social learning theory (Millar and Dillard, 1941)
- Modal Model (Atkinson and Shiffrin, 1968)
- Perry's Schema of Learning (Perry, 1970)
- Experiential Learning Model (Kolb, 1986)
- Brain-based learning (Zull, 2002)
- Blooms Taxonomy of Learning (Bloom, 1956 and 1964, revised 2004)

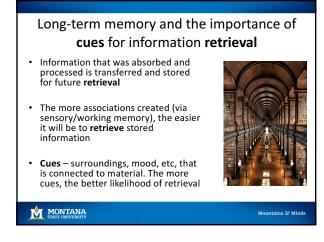






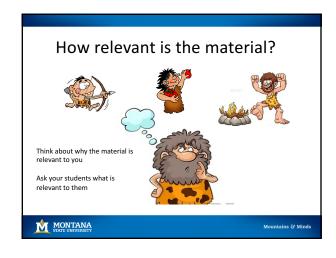




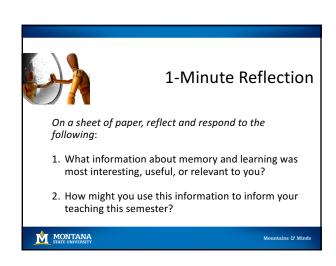


How can we use this information in the classroom?









Self Authorship and Professional Identity through the Lens of Socialization Theory MONTANA STATE UNIVERSITY



Self-Authorship Defined

"A new whole, an internal identity ... that can coordinate, integrate, act upon, or invent values, beliefs, convictions, generalizations, ideals, abstractions, **interpersonal** loyalties and **intrapersonal** states. It no longer authored by them. It authors them and thereby achieves personal authority."

(Kegan, 1982, 1994)



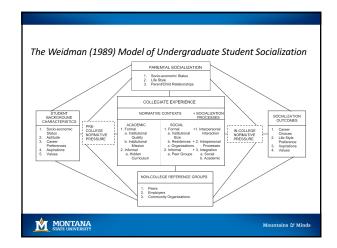
Socialization Defined

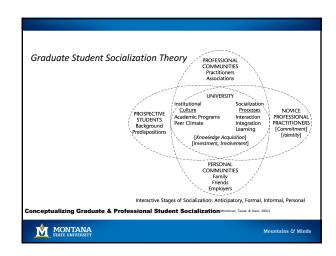
"the process by which persons acquire the knowledge, skills, and dispositions that make them more or less effective members of their society" (Brim, 1966,p. 3)

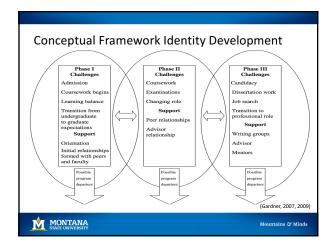
The internalization of membership happens informally and formally, ultimately resulting in integration, role commitment to the member group and role acquisition in the chosen group or organization.



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Identity Activity 1. Who do you want to be as a teacher? 2. How do you behave in a way to reinforce that teaching persona? MONTANA MONTANA MOUNTAINS MOUNTAINS MOUNTAINS MOUNTAINS MONTANA

12 Credit College Teaching Certificate Required Courses • EDLD 635 College Teaching • EDLD 574_06 College Teaching Practicum • EDLD 529 Postsecondary Distance Delivered Education • EDLD 531 Theoretical Foundations for Student Development

• Other

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Thank you!

- Questions?
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