Active Aging Update

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Active Aging

Teasers:

How many items does the brain best recall? What are the brain's functions? Which movements best train the brain? Can we make new brain cells? What are the 5 types of age? Can we prevent dementia?

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Active Aging

1.Welcome 2.Gratitude 3. Our Purpose: 4.Our Theme: 5. Introducing Bernadette C. O'Brien



Active Aging

- 1. This program is really about making COLs: C___ of L
- 2. Instead of "seniors" or "aged" let's call this population the C.E.
- 3. The "old school" method of training "seniors" involved..... 4. 2013: Daily _____ people turn age 65 in North America and
- the largest growing population segment is
- 5. Baby Boomers (46-64) and Generation X (64-81), and Generation Y (1978)
- 6. The good news and the challenge: the most heterogeneous group of our world!

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- 1. Chronological Age: 365-day cycles since birth, "O
- 2. Functional Age: for executing Activities of Daily Life (ADLs) body-test Takeaway: Pelvic Floor-TVA-Tongue Control, Memory games, train to fear
- 3. Biological Age-physical functions at cellular level (e.g. antioxidants). check out realage.com; "People who exercise regularly with task-dependent exercises have lower biological ages than people of the same chronological age who do not exercise." Takeaway: Intermittent games
- 4. Social Age: what is expected and accepted of a particular group. <u>Takeaway</u>: group dynamics (A/1), teams, walking around the area, and pets.
- 5 Psychological Age: cognitive and self-efficacy age. "Aerobic and strength exercise improve cognitive functioning when combined." Takeaway: combination training, reaction games, training neuroplasticity

Active Aging

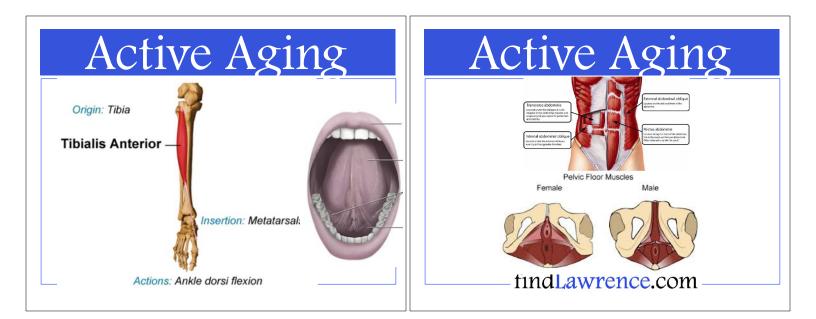
FUNCTIONAL AGE:

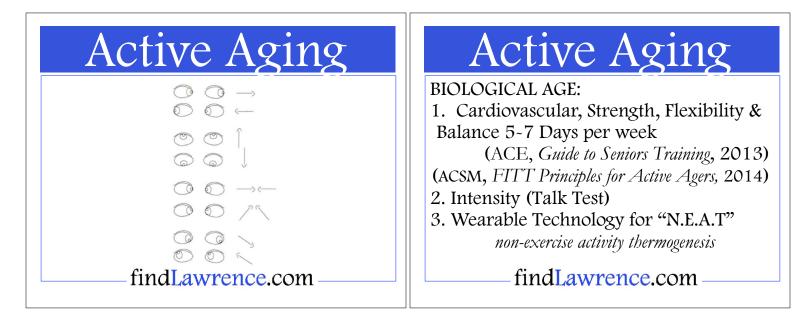
1. Muscular Areas:

S.T.A.N.D.:

- -Standing: FAT Work: Feet, Ankles (T.A.), Toes
- -Tongue: incisive papilla
- -Activate the Core: PFM (pelvic floor muscles) -Navel: TVA (transverse abdominus)
 - -Direct the Eyes

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SOCIAL AGE:

- 1. Loneliness & Depression (Scripps, 2012)
- 2. Group Dynamics
- 3. Partner Pairings

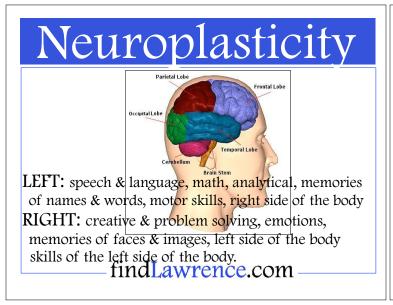
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Neuroplasticity

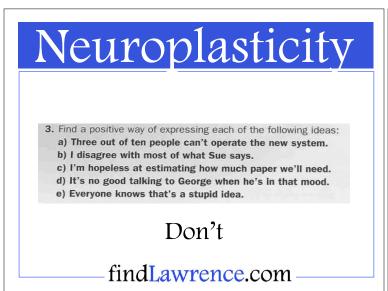
Hey Old Friend Are You Okay, Old Friend What Do You Say, Old Friend Are We or Are We "Unique" Time Goes By Everything Else Keeps Changing

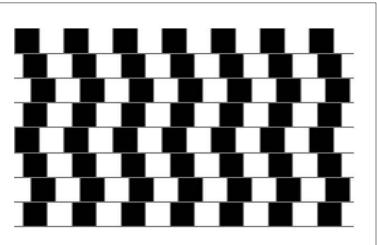
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Are the horizontal lines parallel or do they slope?



Neuroplasticity

Hey Old Friend Are You Okay, Old Friend What Do You Say, Old Friend Are We or Are We "Unique" Time Goes By Everything Else Keeps Changing You and I... We Get Continued Next Week...

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Neuroplasticity

Research Study:

U. S. Department of Health and Human Services, Center for Disease Control and Prevention. 2012. Healthy aging: What is a healthy brain? New research explores perceptions of cognitive health among diverse older adults. Retrieved from http://ihseniorhealth.gov/.

Take-Away: Learning Lyrics findLawrence.com

Neuroplasticity

Homework:

Howard, P. 2006. *The Owner's Manual for The Brain*. Austin, TX: Bard Press. and Eckmann, T. 2013. *101 Brain Boosters*. Healthy Learning. Monterrey, CA.

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Summary: Resources: Take home message: Homework:

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