The Artist, Data, and the Muse: Evaluating the Impact of Your Art DC Commission on the Arts and Humanities August 28, 2017

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OVERVIEW

- Policy and the Arts
- What's So Cool About Research?
- Hot Topics in Arts Research
- Research Methods for the Individual Artist
- Two Current Examples

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JULY 13, 2013

BUREAU OF ECONOMIC ANALYSIS

The U.S. Department of Commerce announced that the Bureau of Economic Analysis (BEA) will change the way it measures the contribution of creativity to the Gross Domestic Product (GDP)

writing lyrics to a song

publishing a book

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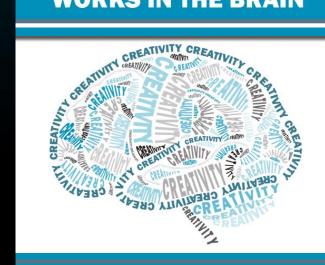
making a movie

writing a play

painting a portrait



HOW CREATIVITY WORKS IN THE BRAIN



Insights from a Santa Fe Institute Working Group, Cosponsored by the National Endowment for the Arts



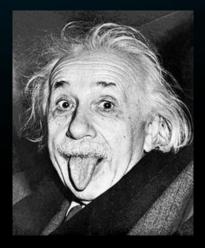


"Our single greatest asset is the innovation and the ingenuity of the American people. It is essential to our prosperity and it will only become more so in this century."

- Barack Obama, 2010

OCollegeBoard

"Creativity is intelligence having fun." - Albert Einstein



"The mere formulation of a problem is far more essential than its solution, which may be merely a matter of mathematical or experimental skills. To raise new questions, new possibilities, to regard old problems from a new angle requires creative imagination and marks real advances in science." - Albert Einstein

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WHAT'S SO COOL ABOUT RESEARCH?

Video games and distinguishing shades of gray (*Bavalier, 2010*)



- Gaming and vision
- Improvement of "contrast sensitivity" distinguishing subtle shades of gray
- Seeing through fog

Shopping cart vs. basket and impulse buying (Van den Bergh, Schmitt, Dewitt, & Warlop, 2009)

 Tension and strain of basket carrying causes want for immediate gratification (impulse buying)



Sample UCLA study







OVERVIEW

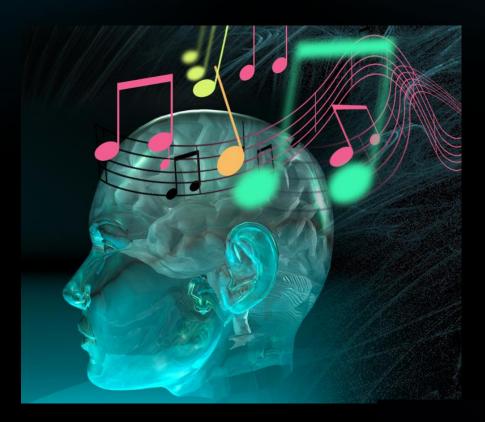
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HOT TOPICS CONTRIBUTING TO ARTS RESEARCH

Music training and the enhancement of:

- auditory discrimination and fine motor skills
- vocabulary and nonverbal reasoning skills

(Forgeard, Winner, Norton, & Schlaug, 2008)





Music and the learning of a novel language

(Shook, Marian, Bartolotti, & Schroeder, 2013)



Musical training and the enhancement of spatialtemporal performance in Kindergartners

(Rauscher & Zuppan, 2000)



Project Runway

The Fashion Fund

House

Law & Order

The Mentalist

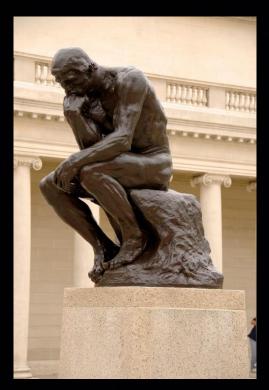
The Catch

Chopped

Jeopardy

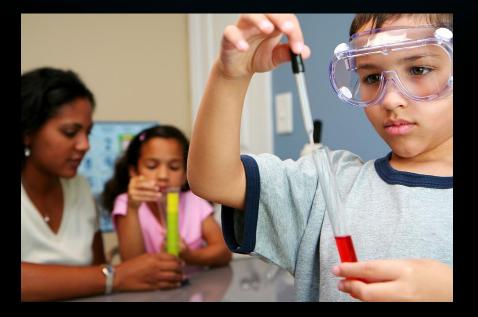
WHAT DO THESE SHOWS HAVE IN COMMON?

THINKING DISPOSITIONS



EFFECT OF ARTS ON **ATTITUDES & BEHAVIORS** THAT PROMOTE SCHOOL PERFORMANCE

PARTICIPATION IN THEATRE



Theatre involvement and academic success (mathematics and reading proficiency)

(Catterall, Chapleau, & Iwanaga, 1999)

EFFECT OF ARTS ON DEVELOPMENT OF PROSOCIAL ATTITUDES/BEHAVIORS



EFFECT OF ARTS ON DEVELOPMENT OF PROSOCIAL ATTITUDES AND BEHAVIORS



Musical synchrony and prosocial behavior

(Kokal, Engel, Kirschner, & Keysers, 2011)

EFFECT OF ARTS ON DEVELOPMENT OF PROSOCIAL ATTITUDES/BEHAVIORS

Mimicry and the increase of prosocial behaviors

(van Baaren, Holland, Kawakami, & van Knippenberg, 2004)



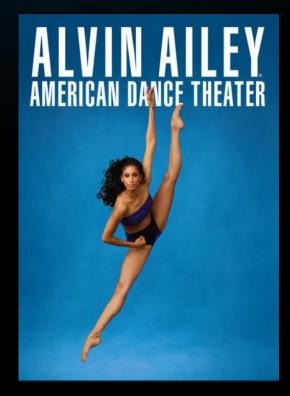
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Research Methods for the Individual Artist

Group Exercise

Antecedents of Artistic Excellence (Chand O'Neal, 2015)



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HOW MANY SQUARE THINGS CAN YOU THINK OF?

How do we measure creativity?

- Ideation
- Flexibility
- Attitudes

How do you measure exuberance?

How do we measure engagement?



- Persistence
- Flow
- Thrill

Conclusions



- Flexibility
- Divergent Thinking
- Originality
- Attitudes toward the arts

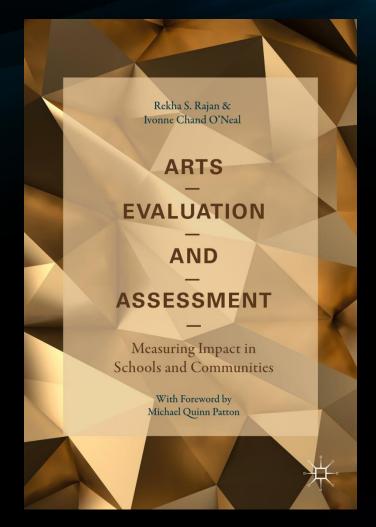
The Human Flourishing Project

Examples from a new book

Arts Evaluation and Assessment: Measuring Impact in Schools and Communities

Co-Edited by:

Rekha S. Rajan and Ivonne Chand O'Neal





THANK YOU!

To Learn More:

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