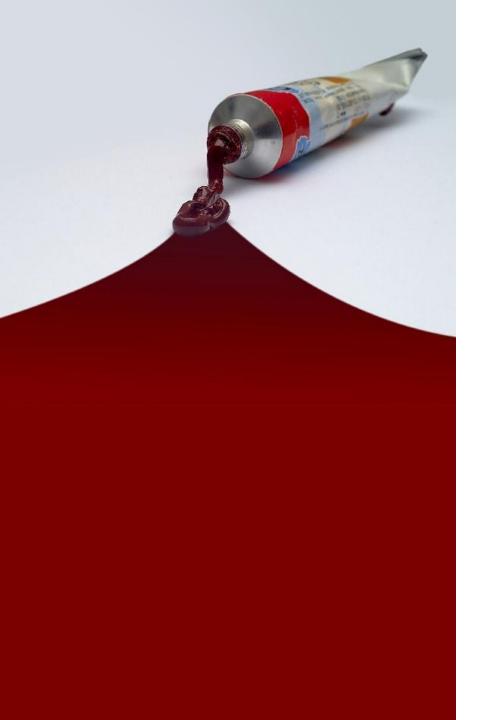
Collaborating to Unlock Creativity A Palette of Inspiration



NICOLE E. BROWN, Multidisciplinary Instruction Librarian SUSAN K. JACOBS, Health Sciences Librarian





OPENING REFLECTION

Think about a recent instructional collaboration you wish could have been more creative.

write (2 min.)







Press Esc to exit full screen mode.

< 0



Psychological Science



Journal of Experimental Psychology: Learning, Memory, and Cognition

2010 Robert L. Greene Associate Editors Jennife E. Amold Pierre Barrouillet Michael Cortene Richard Genrig Andrea Kissel Sachkie Kinoshita Barbara Math Elizabeth Marsh Alsos Mergare Luin Prihiteck Rebelan Smith Michael Waldmann







six themes

CREATIVITY CAN BE LEARNED.

HAVE FUN. PLAY!

CAPTURE YOUR IDEAS.

FIND CREATIVE SPACE.

FAILURE IS INEVITABLE.

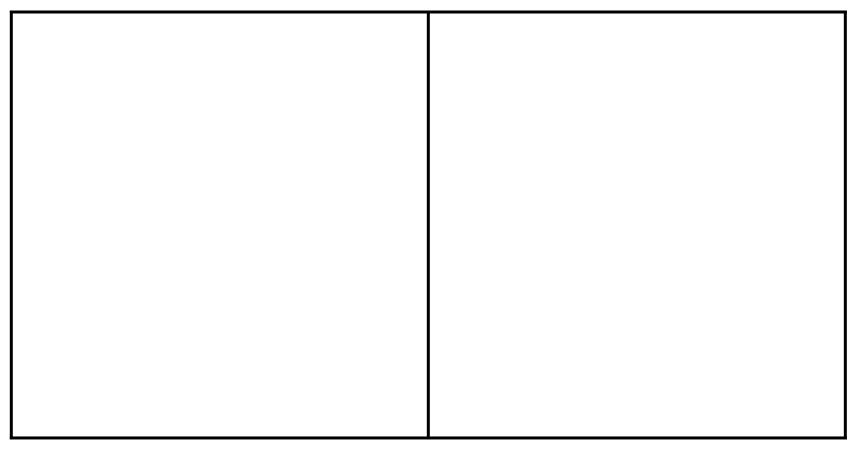
SCIENCE + CHEMISTRY MATTER.



theme **CREATIVITY CAN BE LEARNED.**

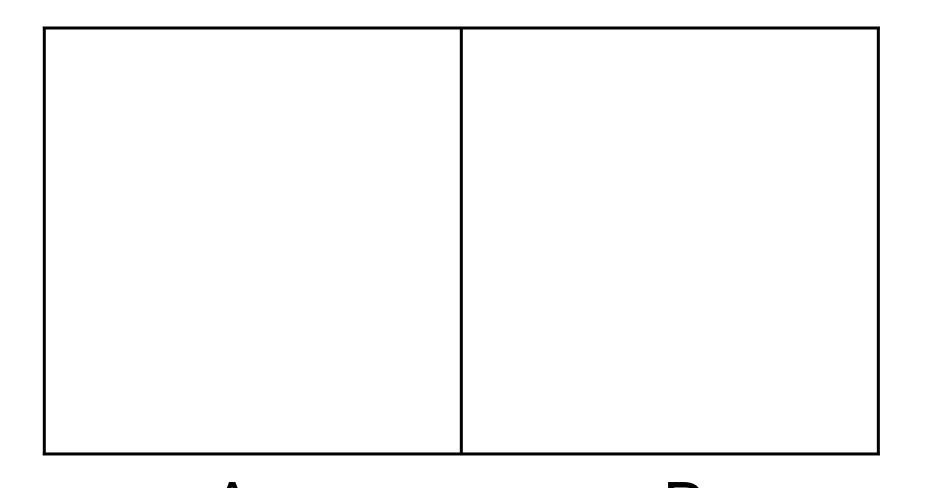


EXERCISE: Creativity vs. Artistry



B

1) Draw something (anything) in box A.



2) Poke a hole in box B. Use the hole as part of a drawing of a face.



EDUCATION LIFE

Learning to Think Outside the Box

Creativity Becomes an Academic Discipline

By LAURA PAPPANO FEB. 5, 2014



International Center for Studies in Creativity



BUFFALO STATE The State University of New York

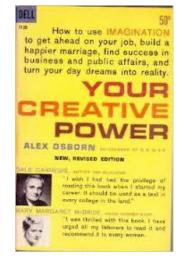


"...the production of original ideas that serve a purpose."

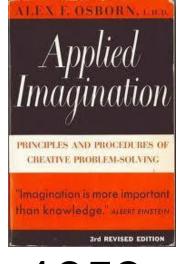
International Center for Studies in Creativity



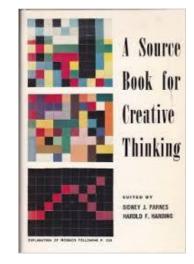
BUFFALO STATE The State University of New York



1948



1953



1962



Creative Studies (Minor) CORE COMPETENCIES

- Expertise in facilitating problem-solving teams
- Enhanced ability to manage diverse groups
- Ability to develop, implement, and support an environment that nurtures creative thinking
- Learn a practical skill set for individual and group problem solving
- Ability to use problem solving tools to define complex problems, to generate creative solutions, and to transform solutions into action
- Learn theories and models for managing and coping with change in a complex world
- Increased effectiveness in decision making
- Sound theoretical base for understanding creativity
- Learn strategies to nurture the creative talent of others
- Enhanced leadership capabilities

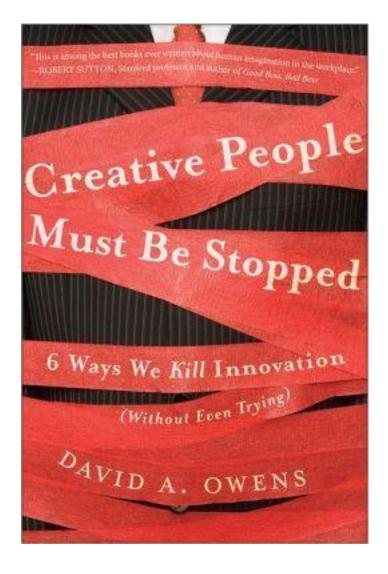


Creative Studies (Minor) CORE COMPETENCIES

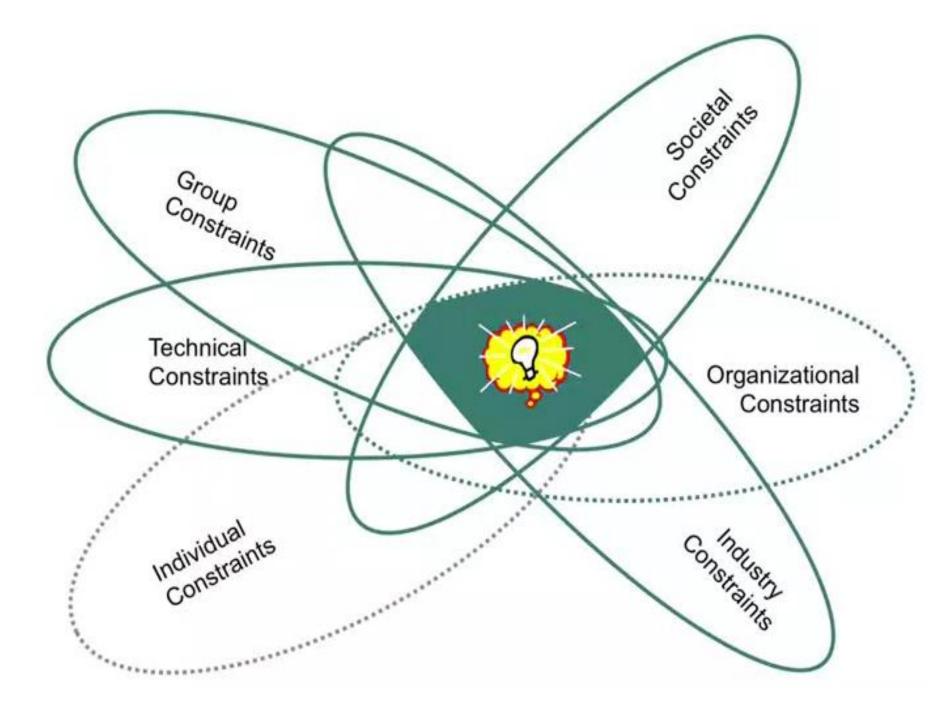
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- Enhanced ability to manage diverse groups
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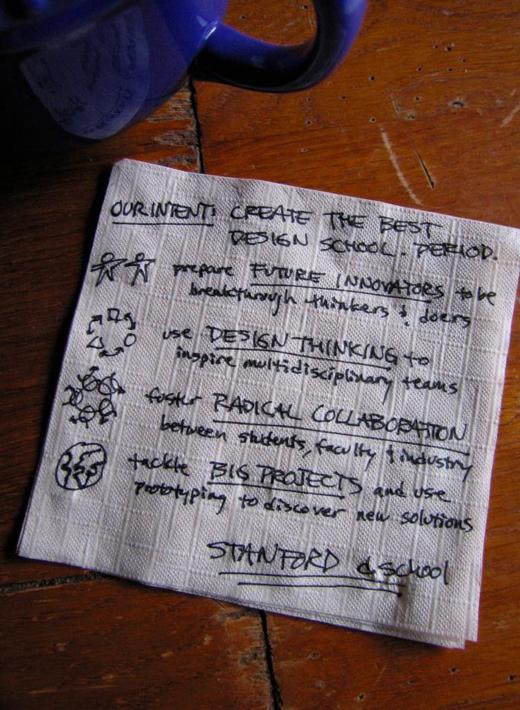








HASSO PLATTNER Institute of Design at Stanford





CREATIVE CONFIDENCE

UNLEASHING THE CREATIVE POTENTIAL WITHIN US ALL.



& DAVID KELLEY

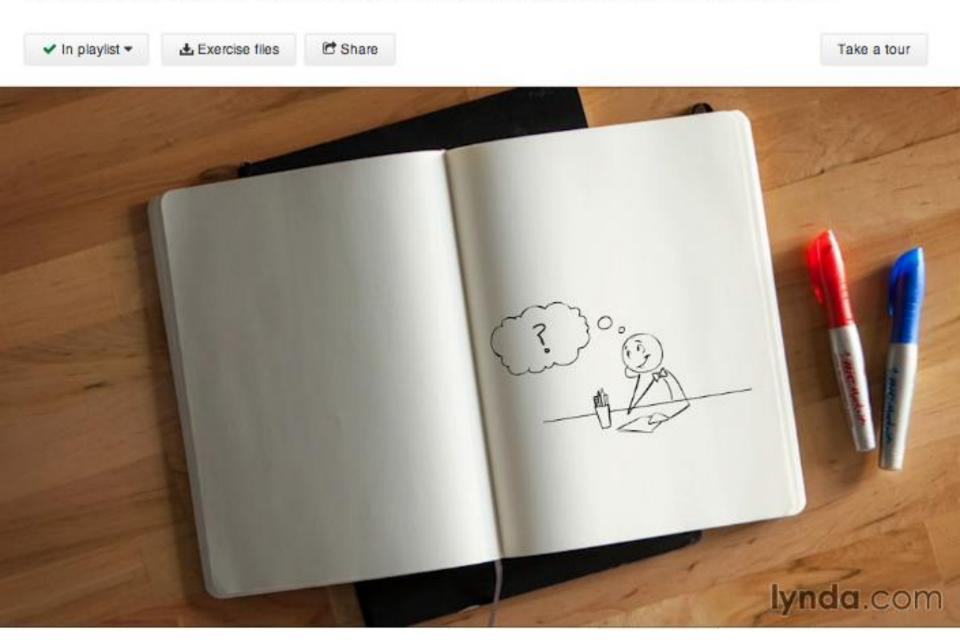
FOUNDER, IDEO & STANFORD D. SCHOOL



"Creativity is something you practice, not just a talent you're born with."

Watching: Introduction

From: Creativity Training: Generate Ideas in Greater Quantity and Quality with Stefan Mumaw

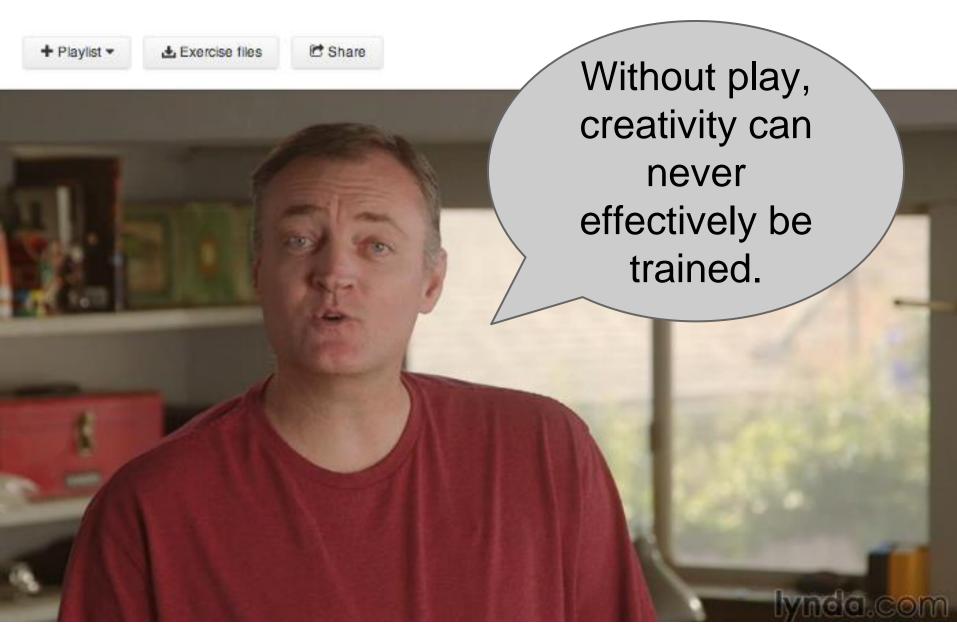


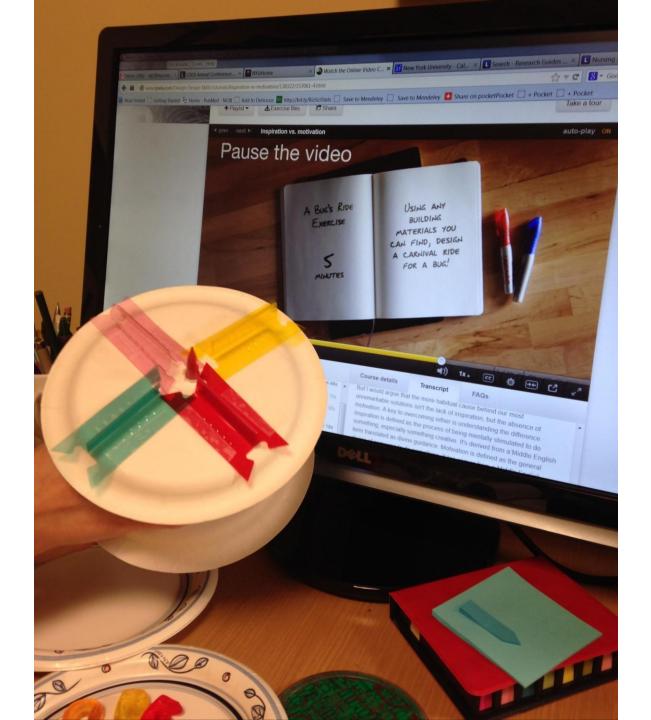
theme HAVE FUN. PLAY!



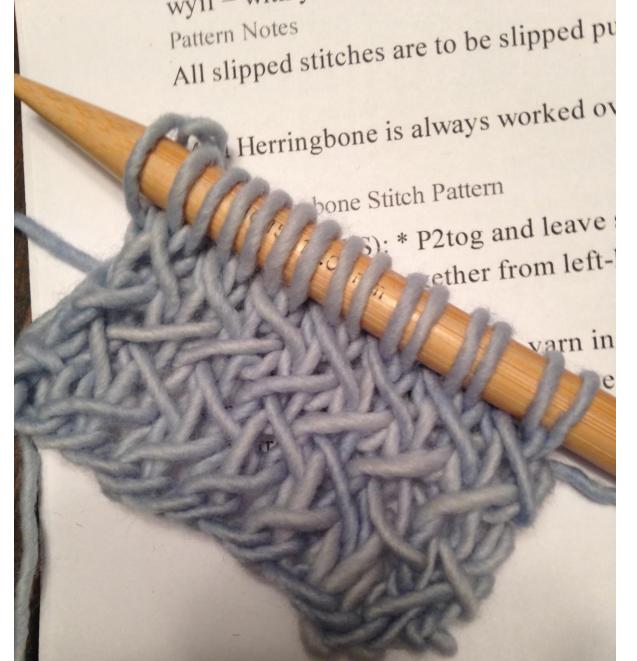


Creativity Training: Generate Ideas in Greater Quantity and Quality with Stefan Mumaw



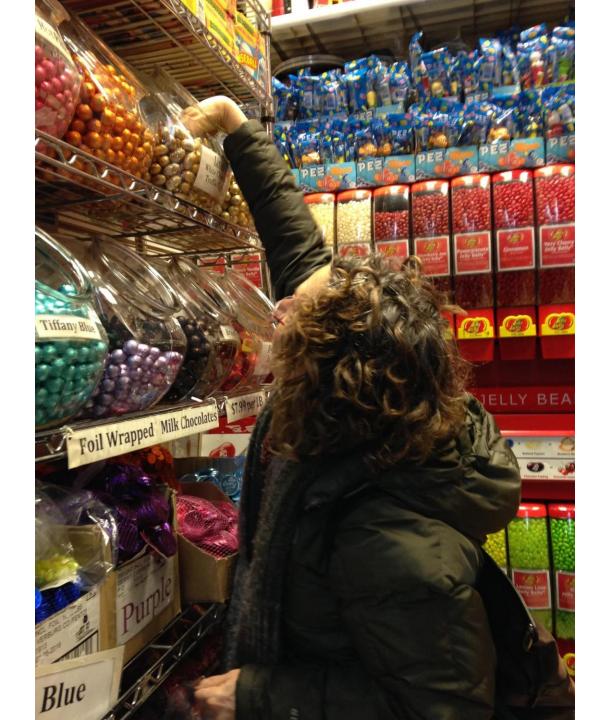








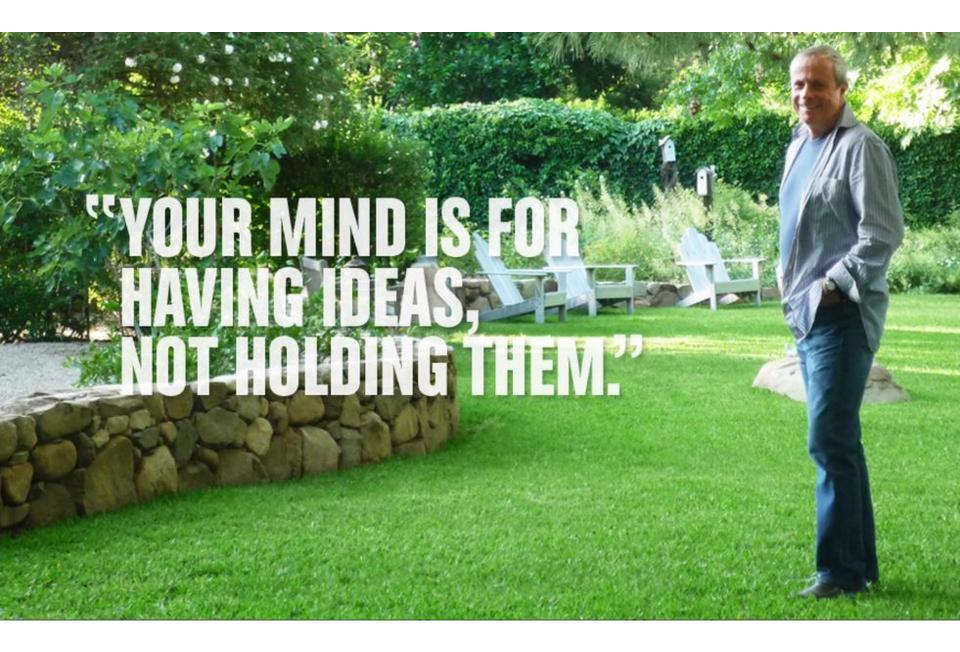


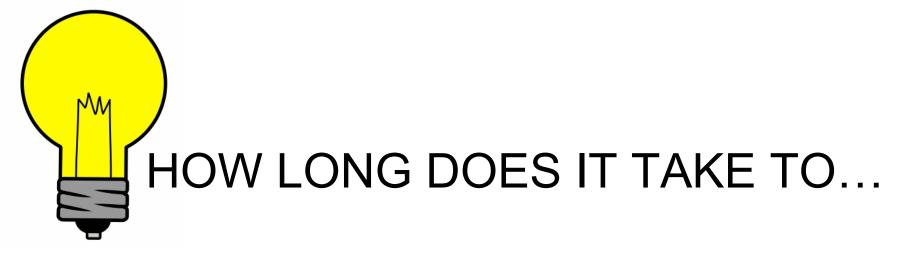


theme

CAPTURE YOUR IDEAS.





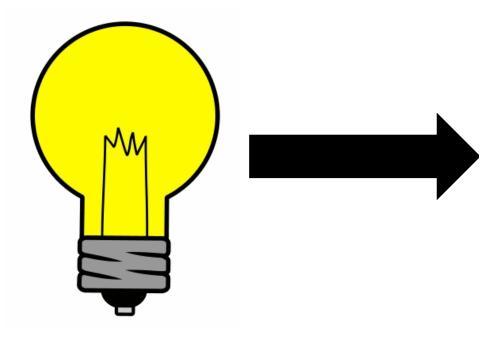


have a creative idea? be inspired? recognize an opportunity?



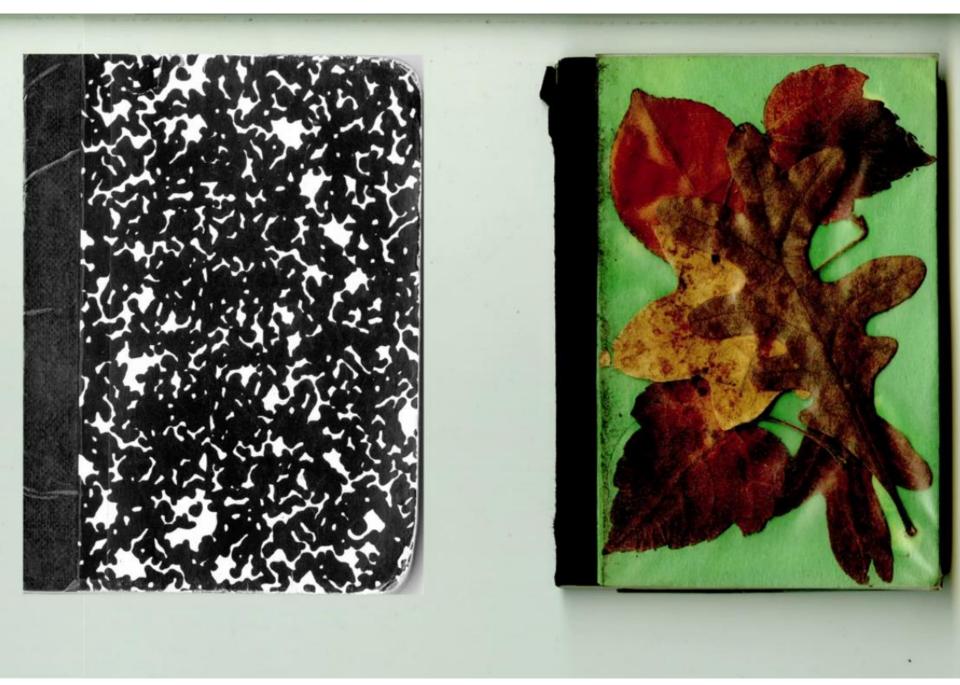
have a creative idea. be inspired. recognize an opportunity.

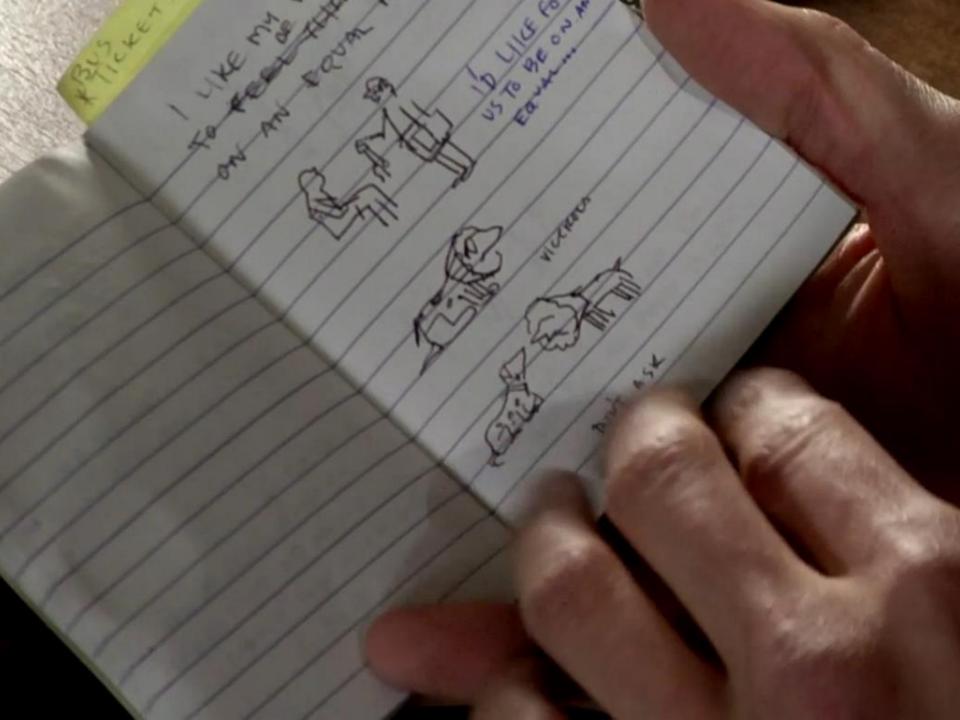








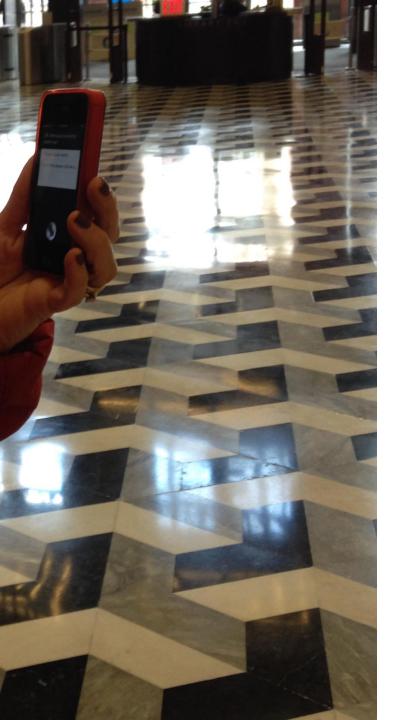




THE WORLD'S TOP 20 ECON 1320 GMATIC MAGNANIMOUS



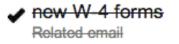
"It keeps me from looking at my phone every two seconds."





Tasks: To Do

- email suzannne Related email
- NYU | Libraries logo for handout Related email



Add references to inform our framework for experiential learning (done by Nicole), start a document that summarizes in a page or so what we consider the scope of experiential education for our subcommittee, updating it as we talk to more people (Nicole, could you take the lead on this? Arun will help.)

>

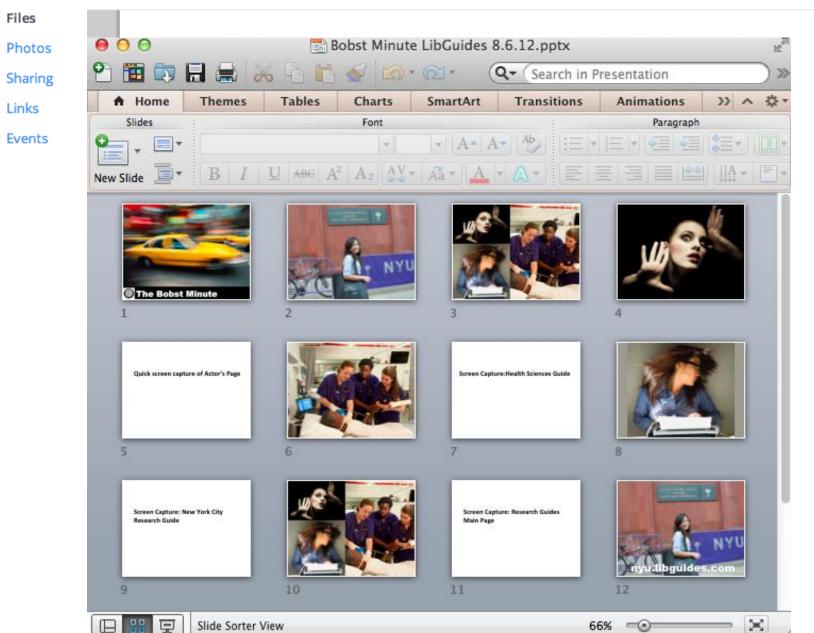
Pop-in 🖌 🛨 🕅 😑 🕨

- KBMG Examples from similar institutions write email! Related email
- update CV
- Reminder: pay for LOEX @ Thu Feb 13, 2014 4:30pm 5pm (neb1@nyu.edu) Related email
- [is-ilbp] Evaluating the Fall Submissions Related email
- Brookfield CIQ, etc.: <u>http://www.stephenbrookfield.com/Dr._Stephen_D._Brookfield</u> /Critical_Incident_Questionnaire.html
- Poly bus: <u>http://www.nyu.edu/about/news-publications/news/2014/01/30/nyu-launches-free-shuttle-bus-service-between-washington-square-and-downtown-brooklyn.html</u>
- Application for promotion due Fall 2014!!! <u>http://wiki.library.nyu.edu/display/MENTOR/</u> <u>Toolkit+for+Promotion+and+Tenure</u>
- Email Ding, get syllabus and assignment and tell her Caitlin is working with me on it.... Invitation: 619

Actions <

Reflect What can Motion TNYU 史史







Drive

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▶ My Drive	Capstone Wagner w. Kovner		
Shared with Me	Embedded Librarian		
Starred	Libguides Working Group		
Recent	LOEX 2014		
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More 🗸	MLA 2014		
	nursing research conference june 2014		
	online learning		
	PRESENTATION IDEAS		
	Research Minutes		
	Tooth Whitening Cochrane 2014		
	Shared with Me		
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"I start every dance with a box..."

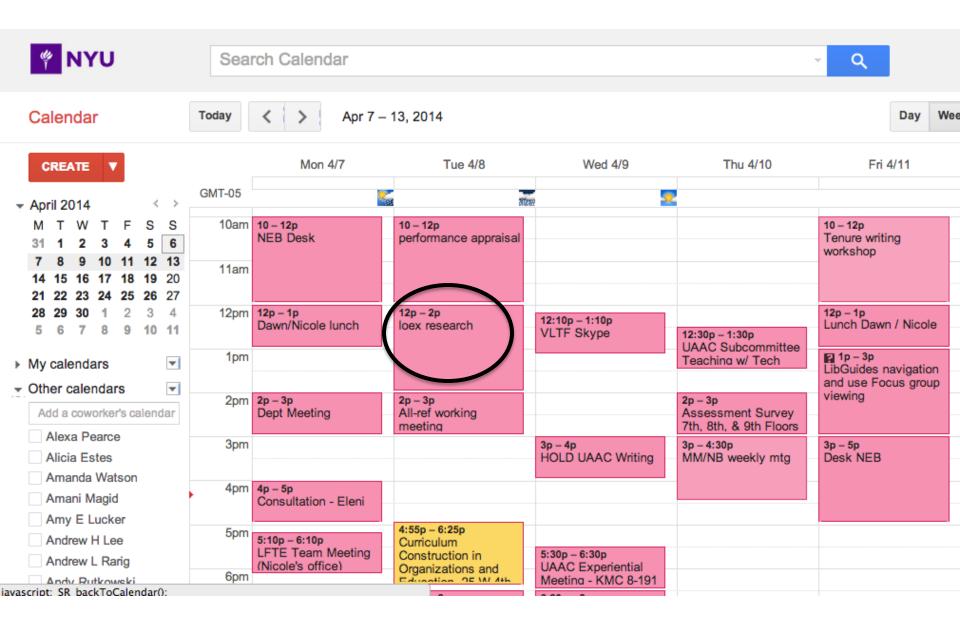
Twyla Tharp







theme **FIND CREATIVE SPACE.**





EXERCISE: Creativity "Gas Stations"

OUT	AROUND	IN

EXERCISE: Creativity "Gas Stations"

OUT	AROUND	IN
Activities that require a trip that take more than a day and require planning.	Activities that require you to leave your environment.	Actívítíes that you can do where you are.

EXERCISE: Creativity "Gas Stations"

OUT	AROUND	IN
Foreign travel Camping Road trip Visit family Visit friends Leave NYC Grand Rapids!	Walk in the park Coffee break People watching Go to a museum Watch a movie Farmer's Market Bike ride Swim Yoga	Read a book Read the news Make something Garden Cook

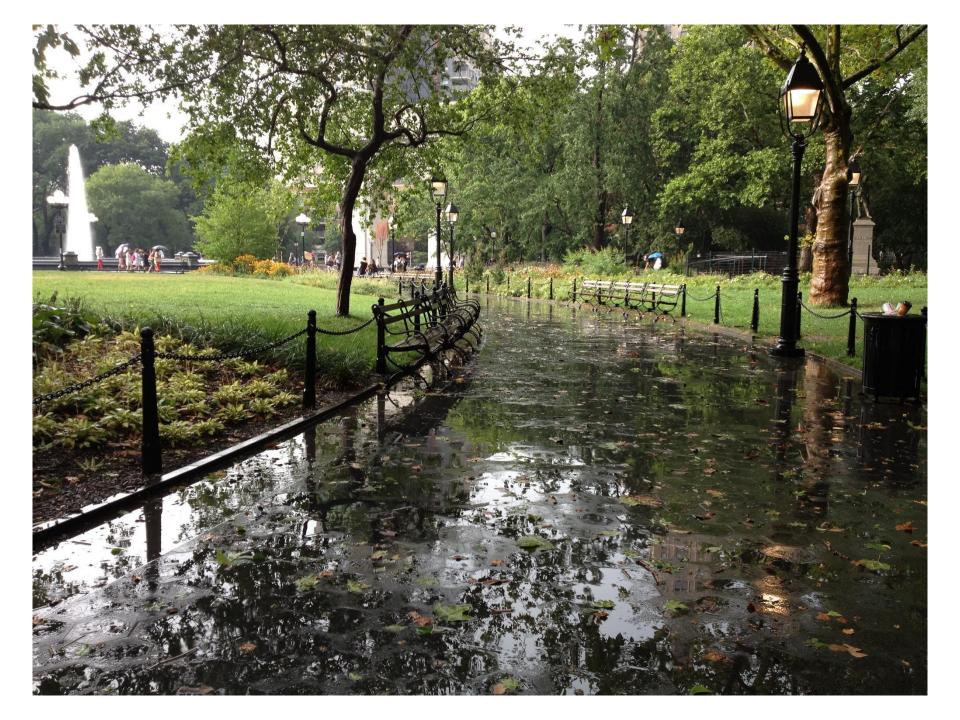








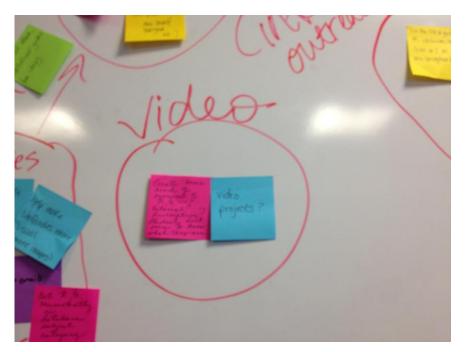














Join us for the Spring **"Links and Lists LibGuides Café"** for a session to focus on freshening links and spring cleaning your guides.

Time: 1:30-3pm (drop in for as long as you wish)

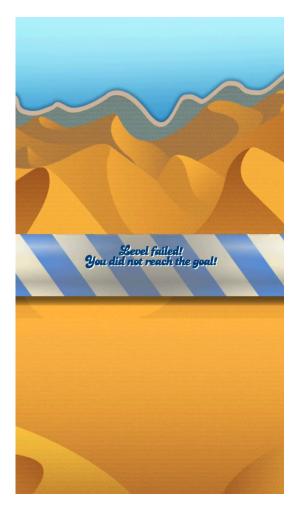


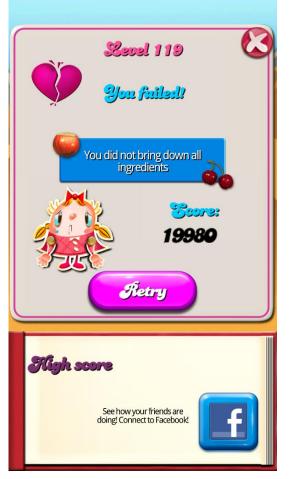
Date: May 23, 2013

Location: Bobst Room 619

Snacks will be served.

theme FAILURE IS INEVITABLE.

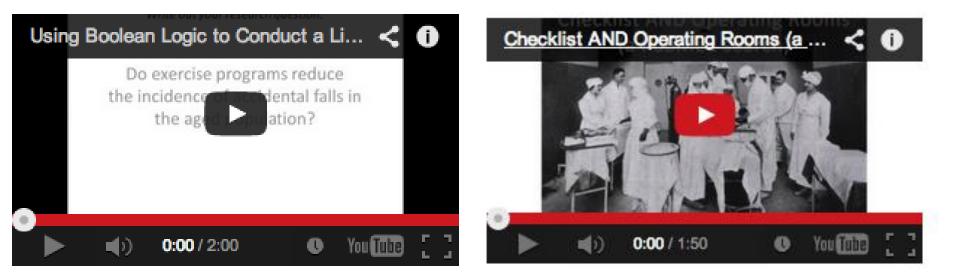














Chunky, Sticky, and Bite-Sized: Embedding Screencasts for Information Literacy in Evidence-Based Graduate Nursing Education

Susan K. Jacobs, AHIP Health Sciences Librarian, New York University, New York, New York

Nicole E. Brown Multidisciplinary Instruction Librarian, New York University, New York, New York

Arieh D. Ress Adjunct Business Librarian and Tutorialsmith, New York University, New York, New York

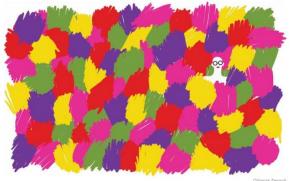
theme SCIENCE + CHEMISTRY MATTER.



The New york Times SundayReview | The Opinion Pages



GRAY MATTER It's Not 'Mess.' It's Creativity.



Finding Focus in Coffee Shop Chatter 00:00 Pulling up a seat at your favorite coffee shop E-MAIL may be the most efficient way to write a The Lunchtime Lounge FACEBOOK paper or finish a work project. But now a TWITTER new Web site lets you bring the coffee shop 0:30

How the Hum of a Coffee Shop Can Boost Creativity

▶ PLAY Listen to a sample of Coffitivity's ambient noise. The site, called Coffitivity, was inspired by

Want to Be More Creative? Take a Walk

By GRETCHEN REYNOLDS APRIL 30, 2014, 12:01 AM 9 19 Comments



By KATHLEEN D. VOHS

Published: September 13, 2013

Shots HEALTH NEWS FROM NPR

n pr topics programs listen

treatments & tests health inc. rublic bealt

Walk While You Talk: The Meeting Goes Mobile by JESSICA STOLLEB-CONBAD January 25, 2013 1:40 PM ET



This meeting will now come to orde

theguardian

SAVE

MORE

MIND JUNE 21, 2013, 12:01 AM 98 Commants

By ANAHAD O'CONNOR

News US World Sports Comment Culture Business Mc

News Science Neuroscience

to your cubicle.

Walking could protect brain against shrinking, US research says

Neurologists who monitored 300 volunteers over 13 years say walkers could be defending themselves against memory loss

Martin Wainwright

The Guardian, Wednesday 13 October 2010 14.15 EDT

FINDINGS Discovering the Virtues of a Wandering Mind

By JOHN TIERNEY Published: June 28, 2010

At long last, the doodling daydreamer is getting some respect.

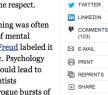


In the past, daydreaming was often considered a failure of mental discipline, or worse. Freud labeled it infantile and neurotic. Psychology textbooks warned it could lead to psychosis. Neuroscientists complained that the rogue bursts of activity on brain scans kept interfering with their studies of more important mental functions.



But now that researchers have been analyzing those stray thoughts, they've found daydreaming to be remarkably common - and often quite useful. A wandering mind can protect you from immediate perils and keep you on course toward long-term goals. Sometimes daydreaming is counterproductive, but sometimes it fosters creativity and helps you solve problems.

Consider, for instance, these three words; eue, gown,







The Official Journal of the American Academy of Neurology



Physical activity predicts gray matter volume in late adulthood

The Cardiovascular Health Study

~

K.I. Erickson, PhD*

C.A. Raji, PhD*

O.L. Lopez, MD

J.T. Becker, PhD

MPH

A.J. Ho, BS

C. Rosano, MD, MPH

P.M. Thompson, PhD

L.H. Kuller, MD, DrPh

Address correspondence and reprint requests to Dr. Kirk L

Psychology, 3107 Sennott Square,

210 S. Bouquet St., Pittsburgh, PA 15360

Erickson, Department of

kiericke#vitt.edu

A.B. Newman, MD,

H.M. Gach, PhD

ABSTRACT

Objectives: Physical activity (PA) has been hypothesized to spare gray matter volume in late adulthood, but longitudinal data testing an association has been lacking. Here we tested whether PA would be associated with greater gray matter volume after a 9-year follow-up, a threshold could be identified for the amount of walking necessary to spare gray matter volume, and greater gray matter volume associated with PA would be associated with a reduced risk for cognitive impairment 13 years after the PA evaluation.

Methods: In 299 adults (mean age 78 years) from the Cardiovascular Health Cognition Study, we examined the association between gray matter volume, PA, and cognitive impairment. Physical activity was quantified as the number of blocks walked over 1 week. High-resolution brain scans were acquired 9 years after the PA assessment on cognitively normal adults. White matter hyperintensities, ventricular grade, and other health variables at baseline were used as covariates. Clinical adjudication for cognitive impairment occurred 13 years after baseline.

Results: Walking amounts ranged from 0 to 300 blocks (mean 56.3; SD 69.7). Greater PA predicted greater volumes of frontal, occipital, entorhinal, and hippocampal regions 9 years later. Walking 72 blocks was necessary to detect increased gray matter volume but walking more than 72 blocks did not spare additional volume. Greater gray matter volume with PA reduced the risk for cognitive impairment 2-fold.

Coaclusion: Greater amounts of walking are associated with greater gray matter volume, which is in turn associated with a reduced risk of cognitive impairment. Neurology® 2010;75:1415-1422

GLOSSARY

Gray matter (GM) volume shrinks in late adulthood, often preceding and leading to cognitive impairment.¹ Participation in physical activity (PA) and exercise, however, has been hypothesized to protect against the deterioration of brain tissue, but this hypothesis has not been tested in longitudinal studies.^{2,3} Limited support for this hypothesis comes from cross-sectional neuroimaging research demonstrating that older adults who are more fit have greater GM volume in the prefrontal and temporal lobes,^{4,4} and larger hippocampal volumes,⁷ than their less fit peers. Randomized controlled trials over 6 months have also shown increased cortical volume in response to a moderate-intensity exercise regimen.⁸

Supplemental data at www.neurology.org

> e-Pub shead of jetus on Occuber 15, 2010, de unus neurology org. "These methon contributed equally to this work.

From the Departments of Psychology (C.I.L., J.T.B.), Pathology (C.A.R.), Radiology (C.A.R., H.M.G.), Neurology (O.I.I., J.T.B.), and Epidemiology (C.R., A.B.N., I.H.K.), and Western Psychiatric Institute (J.T.B.), University of Pittsburgh, PAt Newafa Cancer Institute (J.M.G.),

University of Noreda, Las Vegan and Department of Nonrology (P.M.T., A.[34], University of California, Los Angelon. Study Bundley: Supported by the National Institute on Aging AG-025(20). C.H.S. was apported by continct marken N0144C-050379 (Harsugh N01-HC-02606, N0144C-5133), 801 (HC-51510), N01 HC-65223, N014-447(-5133), and gean tumber 1001 HL002573 from the National Hourt, Lang, and Blood Institute, and the University of Pitchargh Calored Proceedings (N01-HL-05556) from the National Hourt, Lang, and Blood Institute, and the University of Pitchargh Calored North (N0146C-05566) from the National Hourt, Lang, and Blood Institute, and the University of Pitchargh Calored North (N01479) from the N01479) from the North (N01479) from the North

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Journal of Experimental Psychology: Learning, Memory, and Cognition

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Give Your Ideas Some Legs: The Positive Effect of Walking on Creative Thinking

Marily Oppezzo and Daniel L. Schwartz Stanford University

Four experiments demonstrate that walking boosts creative ideation in real time and shortly after. In Experiment 1, while seated and then when walking on a treadmill, adults completed Guilford's alternate uses (GAU) test of creative divergent thinking and the compound remote associates (CRA) test of convergent thinking. Walking increased 81% of participants' creativity on the GAU, but only increased 23% of participants' scores for the CRA. In Experiment 2, participants completed the GAU when seated and then walking, when walking and then seated, or when seated twice. Again, walking led to higher GAU scores. Moreover, when seated after walking, participants exhibited a residual creative boost. Experiment 3 generalized the prior effects to outdoor walking. Experiment 4 tested the effect of walking on creative analogy generation. Participants sat inside, walked on a treadmill inside, walked outside, or were rolled outside in a wheelchair. Walking outside produced the most novel and highest quality analogies. The effects of outdoor stimulation and walking were separable. Walking opens up the free flow of ideas, and it is a simple and robust solution to the goals of increasing creativity and increasing physical activity.

Keywords: creativity, embodied cognition, exercise

General Discussion

"Walking is an easy-to-implement strategy to increase appropriate novel idea generation. When there is a premium on generating new ideas in the workday, it should be beneficial to incorporate walks"

Journal of Consumer Research

AN INTERDISCIPLINARY BINONTHLY

VOLUME TO | NUMBER 3 | AUGUST SOLS

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THE UNIVERSITY OF CHICAGO PRESS

Is Noise Always Bad? Exploring the Effects of Ambient Noise on Creative Cognition

RAVI MEHTA RUI (JULIET) ZHU AMAR CHEEMA

This paper examines how ambient noise, an important environmental variable, can affect creativity. Results from five experiments demonstrate that a moderate (70 dB) versus low (50 dB) level of ambient noise enhances performance on creative tasks and increases the buying likelihood of innovative products. A high level of noise (85 dB), on the other hand, hurts creativity. Process measures reveal that a moderate (vs. low) level of noise increases processing difficulty, inducing a higher construal level and thus promoting abstract processing, which subsequently leads to higher creativity. A high level of noise, however, reduces the extent of information processing and thus impairs creativity.

C reativity is ubiquitous in the realm of consumption. On the one hand, we as consumers engage in everyday creative behavior such as home decor, fashion, or planning meals with limited resources (Burroughs and Mick 2004; Burroughs, Moreau, and Mick 2008). On the other hand, many businesses thrive on consumers' ability and desire to be creative. For example, consumers' ability to understand and appreciate creative and metaphorical persuasive messages is an essential element of any successful creative advertising campaign. Similarly, consumers' desire to be creative has a significant impact on the success of many products, including play kits (e.g., model trains, paint-bynumbers kits), how-to guides (e.g., cookbooks, landscaping;

ment, it is not surprising that a great deal of research has explored factors that can affect consumers' creative ability and performance, including external constraints (Moreau and Dahl 2005), involvement (Burroughs and Mick 2004), analogical thinking (Dahl and Moreau 2002), systematic training (Goldenberg, Mazursky, and Solomon 1999), and life experiences (Maddux and Galinsky 2009). However, extant research in this domain has largely ignored the impact of physical environment on an individual's creativity (for exceptions, see Mehta and Zhu 2009; Meyers-Levy and Zhu 2007). The current study attempts to fill this gap in the literature by investigating the effects of an important environmental variable—ambient noise—on creativity.



"...a moderate level of noise leads to higher creativity than either a low or a high level of noise."

a special note ABOUT CHEMISTRY.





"IN THE END, THERE IS NO ONE IDEAL CONDITION FOR CREATIVITY. WHAT WORKS FOR ONE PERSON IS USELESS FOR ANOTHER. THE **ONLY CRITERION IS** THIS: MAKE IT EASY **ON YOURSELF."** - TWYLA THARP

six themes

CREATIVITY CAN BE LEARNED.

HAVE FUN. PLAY!

CAPTURE YOUR IDEAS.

FIND CREATIVE SPACE.

FAILURE IS INEVITABLE.

SCIENCE + CHEMISTRY MATTER.



thank you! QUESTIONS & COMMENTS WELCOME



NICOLE E. BROWN neb1@nyu.edu SUSAN K. JACOBS skj1@nyu.edu