

Corpus Callosum:

The Advantages of Art and Science Superposition

Michael Welter | SPS Communications Final Intern Symposium August 10, 2018



Overview

Section 1: How drawing cultivated a scientist

Section 2: How physics cultivated an artist

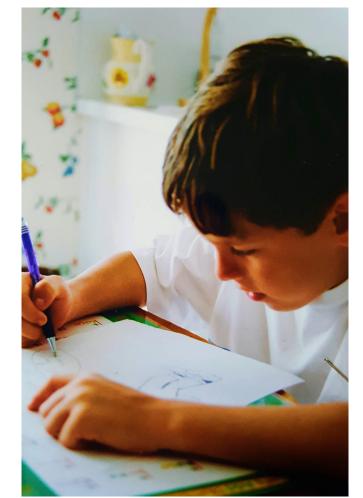
Section 3: Combining art and science

Section 4: How superposition of art and science can influence the world



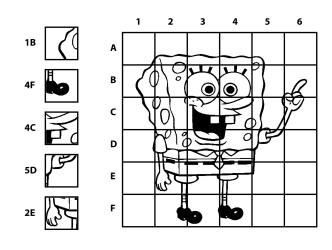


Section 1: How drawing cultivated a scientist

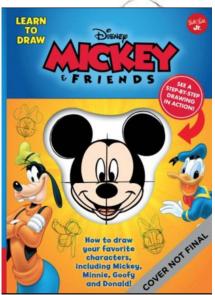


Art education

STEM skills taught through drawing



Coordinate systems & Precision



Geometry & Scale



Spatial Reasoning & Anatomy



Section 1: How physics cultivated an artist





Pursuing Physics & Performing Research









Tutoring, Outreach & Communication







Section 3:

Combining art and science



Science influencing Art







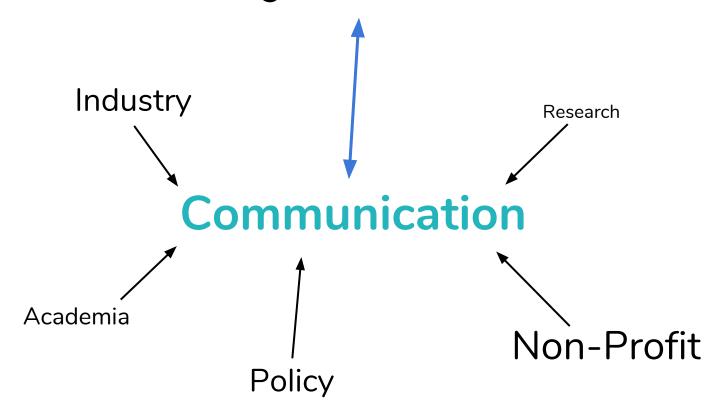


Kinetic sculptures

Architecture

Creative mediums

Art influencing Science





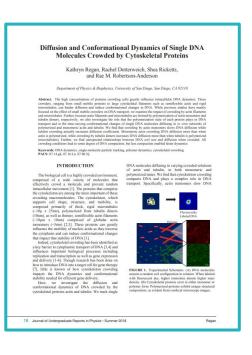
Effective Visuals using Graphic Design

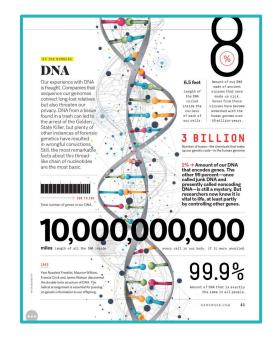
Basic Principles:

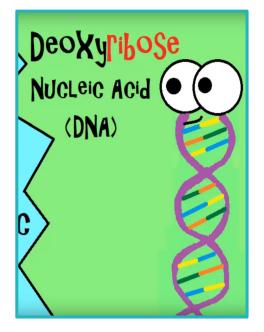


Effective Communication through Graphic Design

Advanced Principles:









Section 4:

Influencing the world



Teaching without misleading



November 10th 2017 - 14K Shares

Scientists Find That Wine And Chocolate Are The Secret To Beating Wrinkles



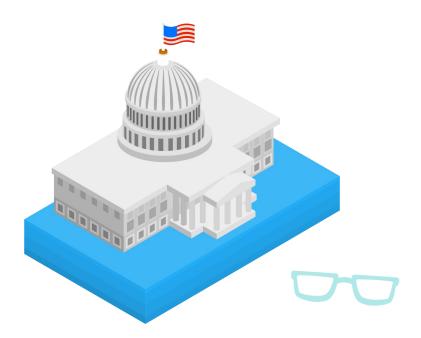
Good news for those of us that like a slap of chocolate and a glass or nine of red of an evening - studies have found that they are the secret to staying youthful. No, really.





Facts: at a glance

Policy & Industry







Inspiring and Empowering



Outreach & Education







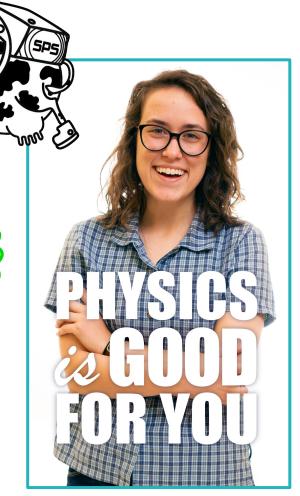
Global Influences

- Improve general attitudes towards science
- 2. Promote diversity & inclusivity







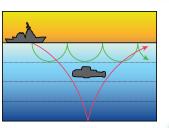


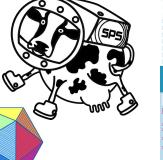


















THUMBS FOR SCIENCE















#LGBTSTEM Day





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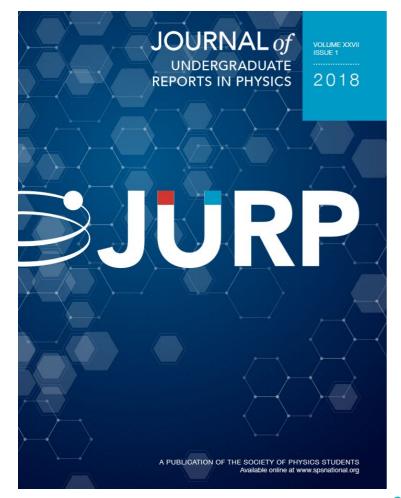
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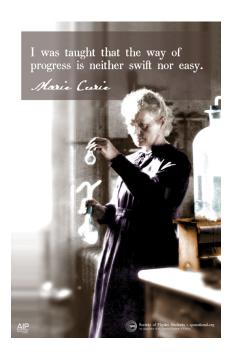
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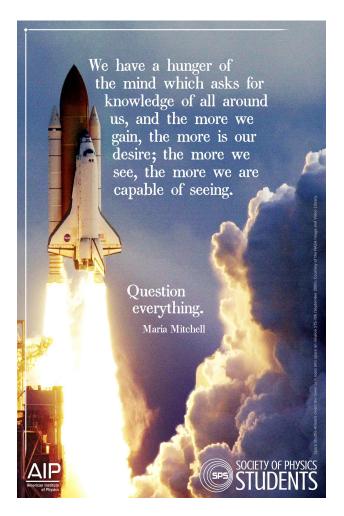




Membership Poster









Acknowledgements

Advisor: James Merrick

SPS Team: **Brad, Kerry, Danielle, Lydia, Sacha, Paolo, Rachel**

AIP Creative Services: Aaron & Kim

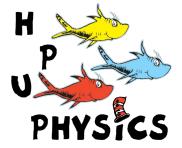
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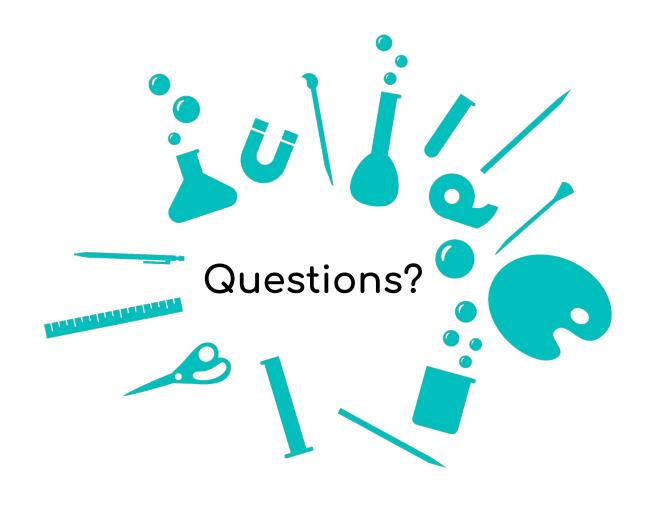
2018 SPS Interns













Scientific Illustration





Helping them understand the **gravity** of the situation.



