

Science Engagement: Communicating with Society

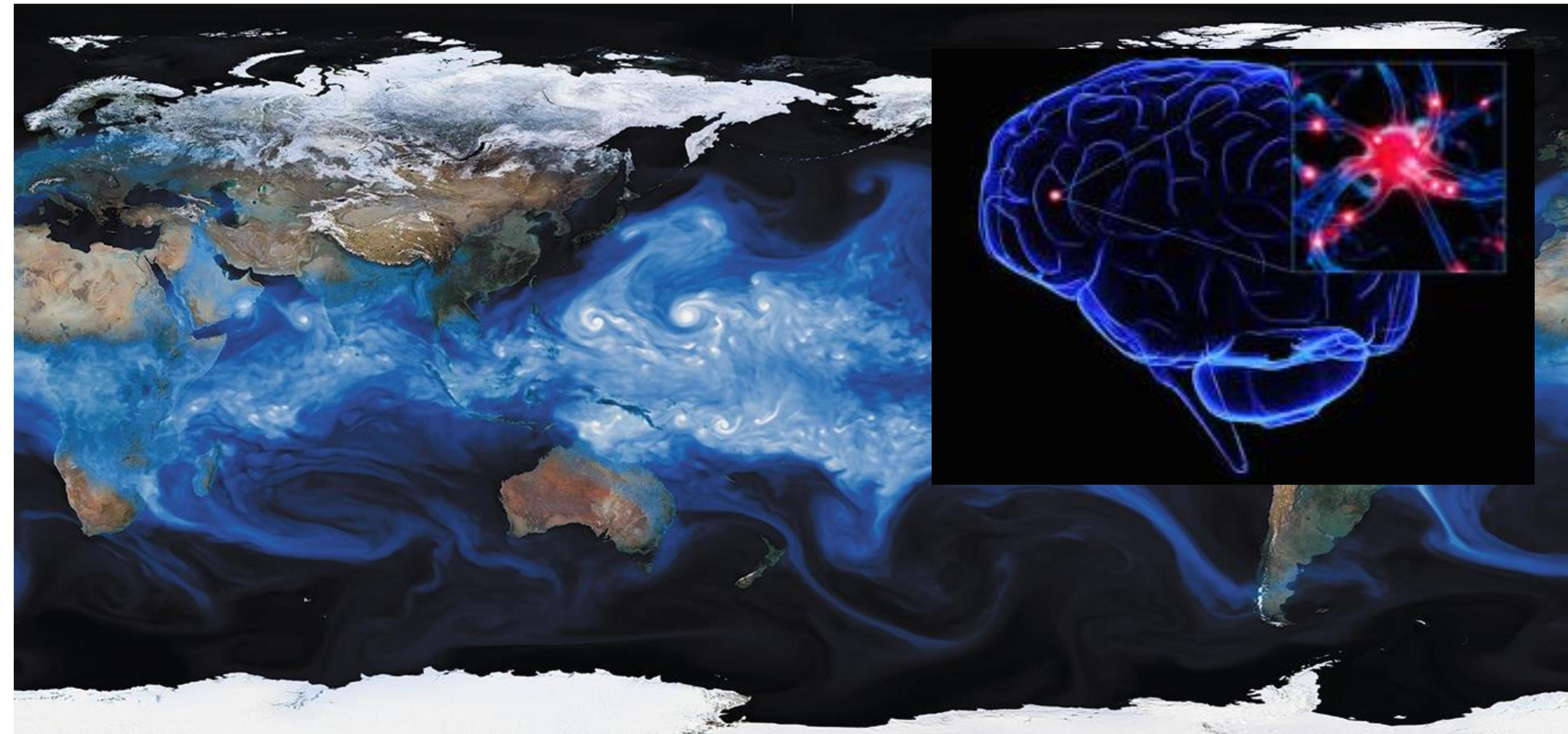
How can scientists play a role in
society?



Lesson learned and models to apply

Rana Dajani, PhD
Jordan

World Science Forum 2015, Budapest, Hungary

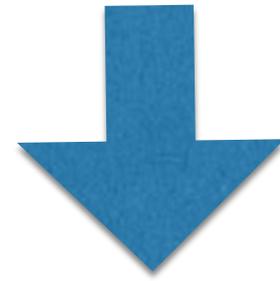


“Wise to include a random element in a learning machine”

Alan Turing



Thermal noise



random fluctuations

Human creativity is the by product of randomness

Delays



Inspiration



World Science Forum 2017

Jordan



Youth bulge

highly educated

unemployment



Young Scientists recommendation



Innovation is within the interdisciplinary boundaries



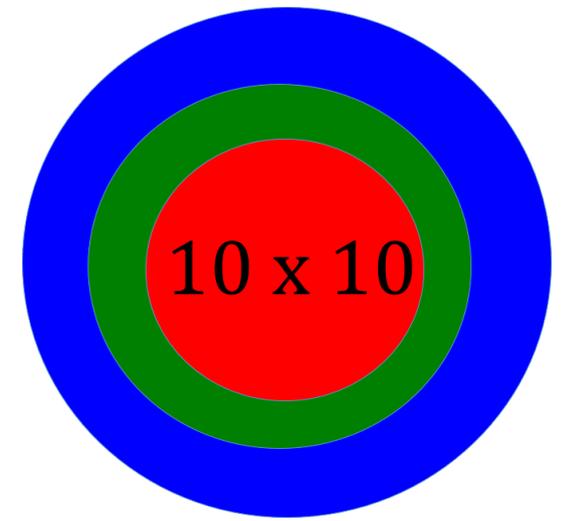
نحن نحب القراءة
WE LOVE READING



Science and society competition



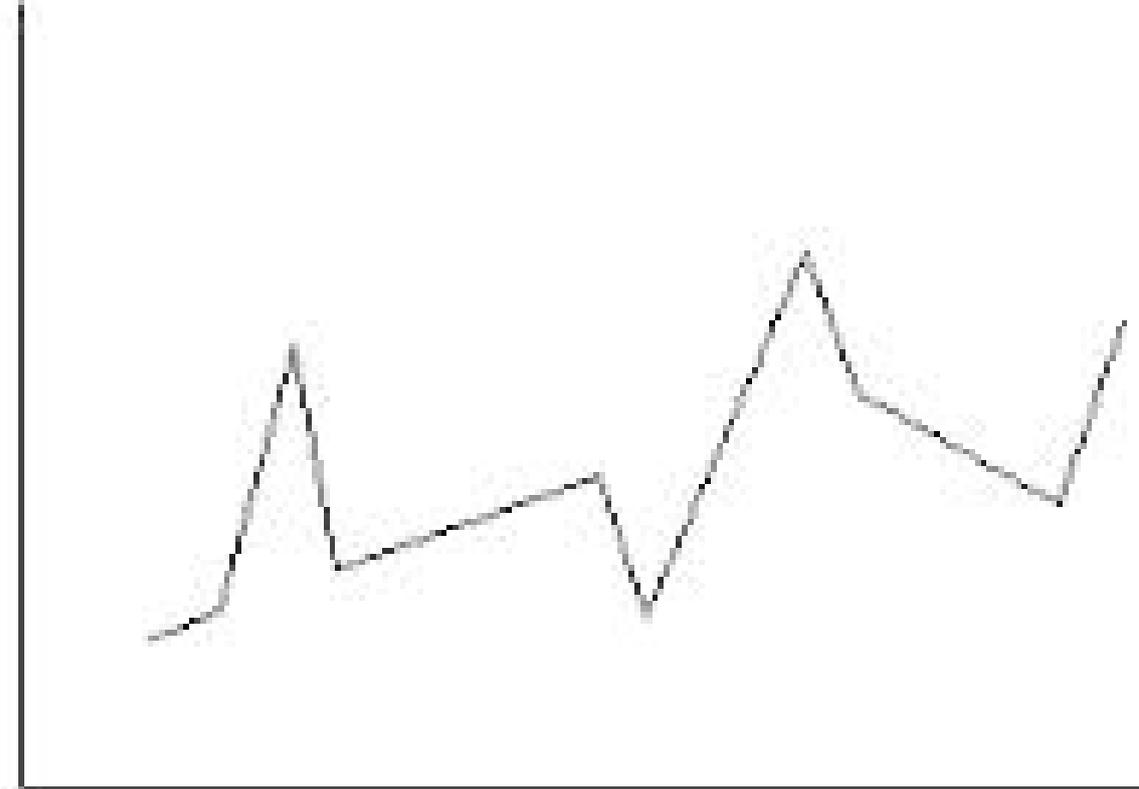
Three Circles of Alemat



5 GENDER
EQUALITY



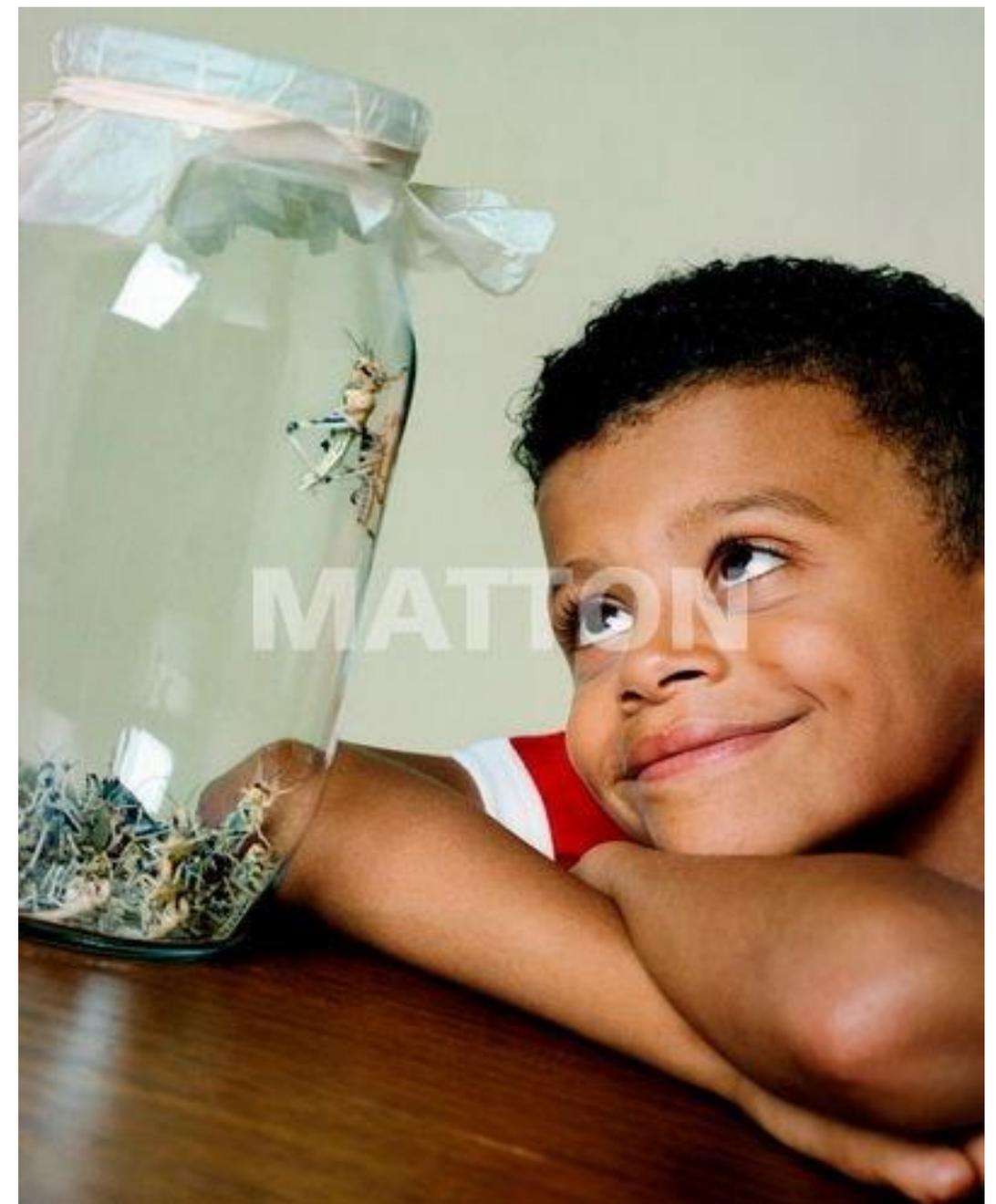
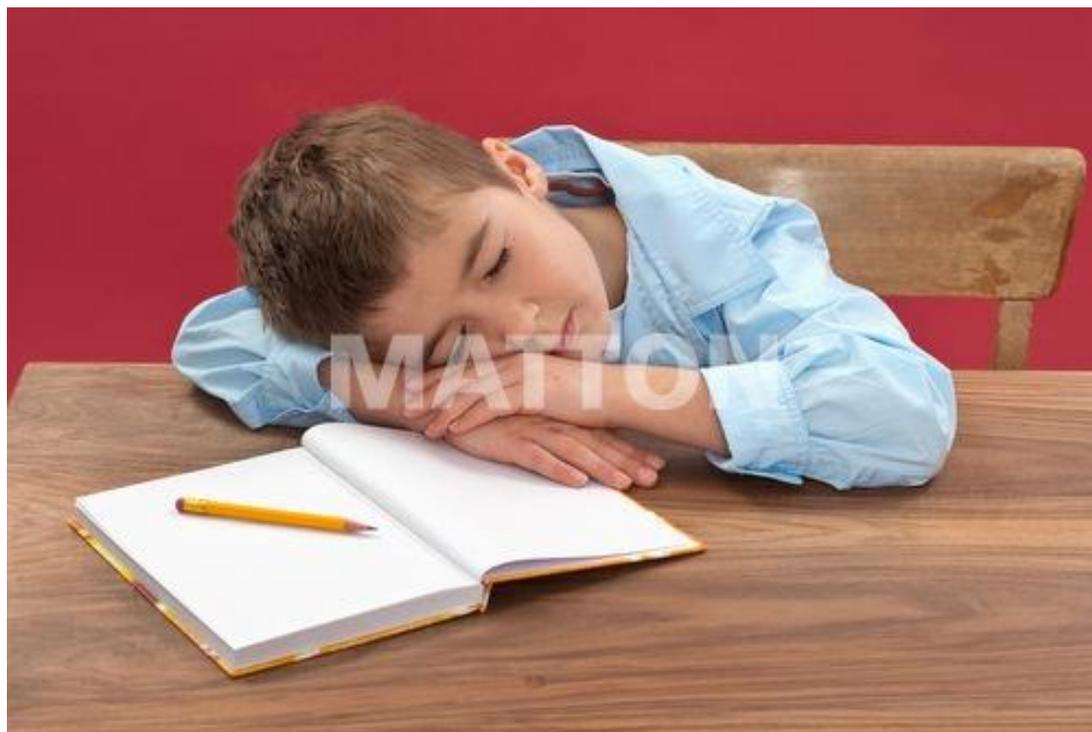
Freedom...





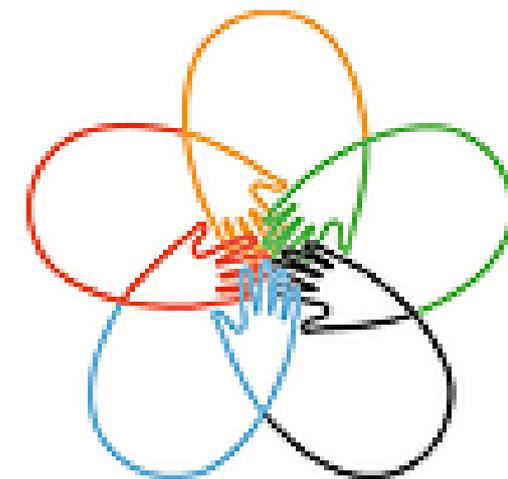
Education is not the filling of a pail but
the lighting of a fire.

William Yeats



within academia..

- Problem Based Learning
- Drama
- Novel reading for novel learning
- Global Civics



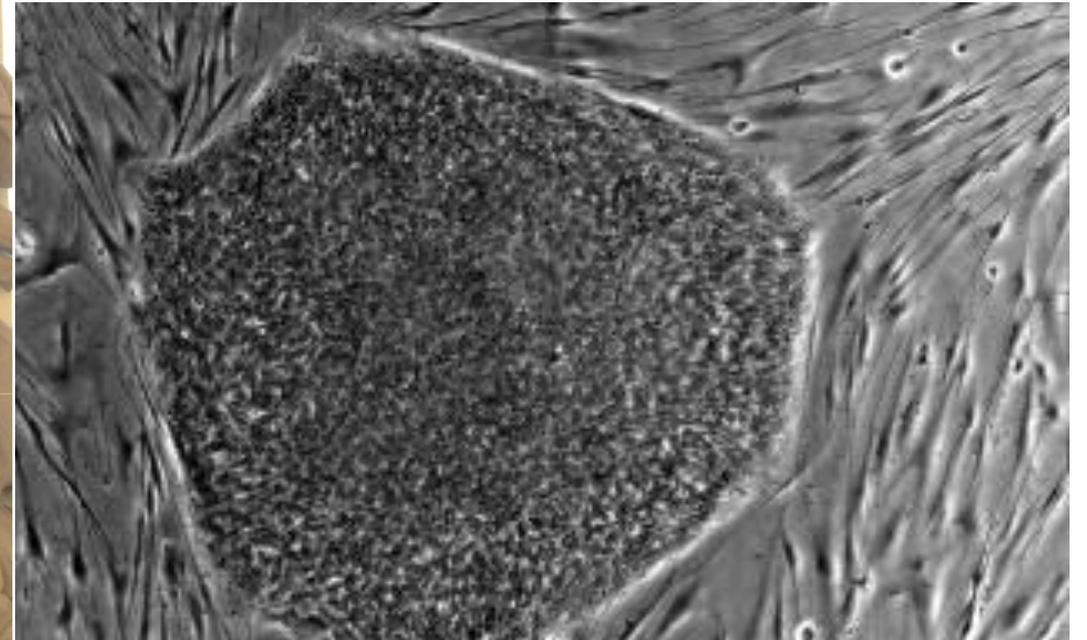
Cell biology and the media **Service Learning**





Recycled Science Art

Induced Pluripotent Stem Cell Colony on MEFs



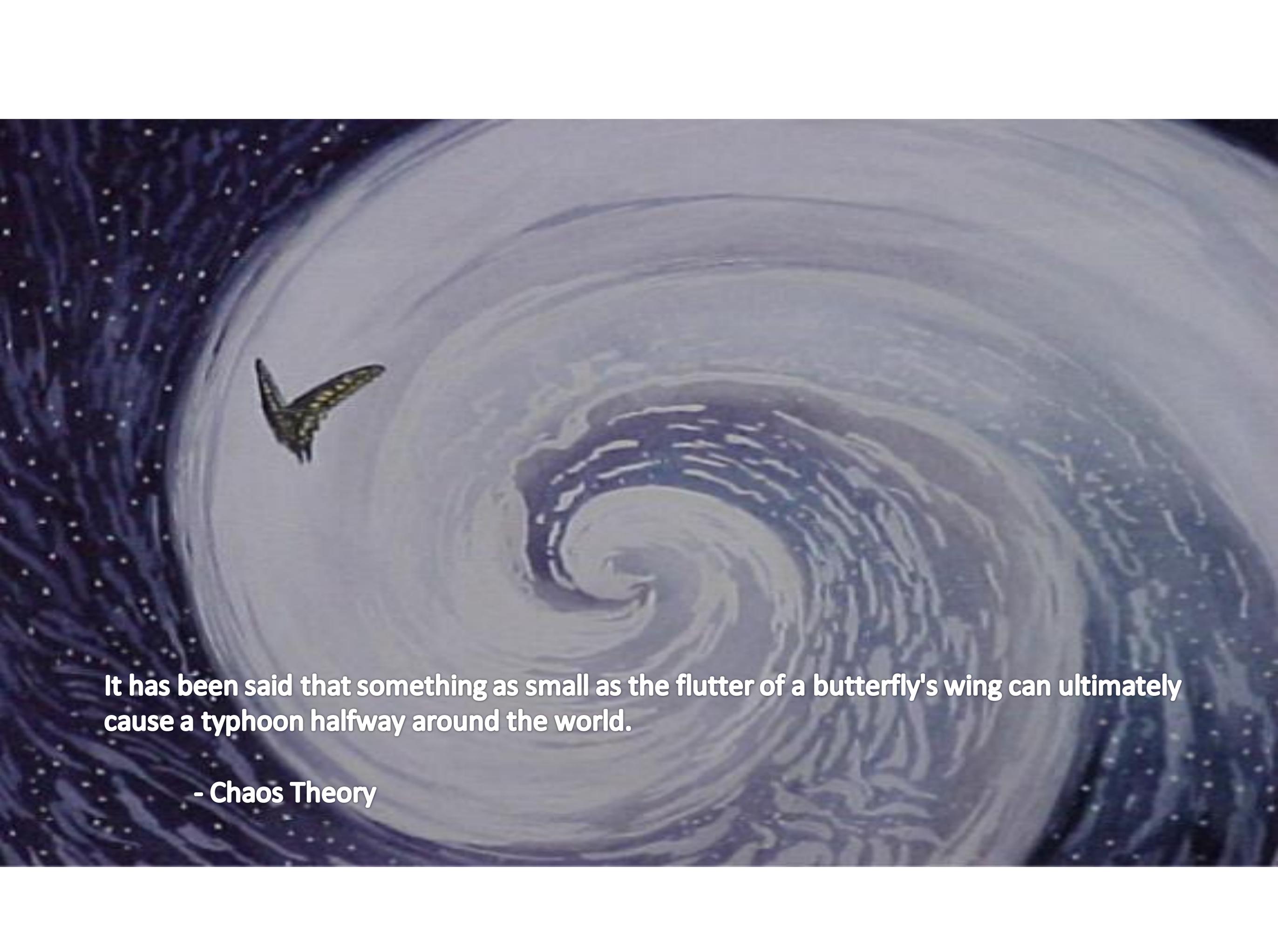


CAP

Community Awareness Program



Impossible is nothing!

A composite image illustrating the concept of chaos theory. On the left, a small butterfly with yellow and black wings is shown in flight against a dark, starry background. On the right, a large, swirling typhoon or hurricane is depicted with a dark eye and a light-colored, spiraling outer ring. The butterfly is positioned as if it is the cause of the typhoon, symbolizing the 'butterfly effect' where small changes can lead to large, unpredictable outcomes.

It has been said that something as small as the flutter of a butterfly's wing can ultimately cause a typhoon halfway around the world.

- Chaos Theory



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