



MORE Opportunity

(Maximizing and Optimizing Research and Educational) Opportunity

STEM (Science, Technology, Engineering, Mathematics) Education & Outreach

In modern society, STEM education is affecting everything do, see, and needs to be reframed as globally integrated within our educational system, enterprises and government.

A challenge today is being overwhelmed with too much information around STEM—RMSC believes it is possible to articulate simply “What Matters Most?” What's the best we can do as an individual, as a society and as a nation, if we choose to work together? How do we enlist everyone in contributing to the encouragement of others—from “K-to-the-Grave”—in learning to Learn, learning to Earn and becoming self-actualized.

This effort to integrate science and social-economic benefits for the betterment has been referred to as Social Quantum Theory.

STEM Immaculate Integration Themes for NSF, USDOC, and all Stewards of the Earth.

STEM education has been exclusive for too long, threatening failure under the banner of educational rigor. America must reverse the trend that technology adoption and STEM exclusivity makes some people feel stupid and unproductive.

Mastery learning, guided and self-directed, in-class and online lesson plans, hands-on and interactive instructions are necessary for teaching educators, employees and citizens. STEM needs to be directly relevant to teaching the "love of learning" as the 21st Century imperative is more than just life-long learning, it is that everyone must become both learner, and teacher, consumer and producer, all the time.

An effective solution would be a compelling call to action to participate in advocacy by subscribing to STEM demonstrations and outreach presented in a compelling, relevant way positioning all participants as **Citizen Professors** and **Citizen Scientists** in an ad hoc, continuously growing, virtual university system. Complement the educational opportunities with megatrends—for example, smartphones as the predominate emerging medium—will increase adoption and use. Everyone wants to be associated with smart people, and to feel smart, and to feel they have something of value to offer others. In IBM-speak, how can you have a Smarter Planet if you do not have Smarter People?

STEM: Global Citizenship Applied Science Real World Public Problem Solving

The *Native American Way of Knowing* and environmental stewardship fits perfectly as an opportunity to articulate the emerging global mono-culture and environmental stewardship, as one human family: all the same in our seeking identity from diversity.

Missing is the STEM inspirational messaging and meaningful engagement that must complement any solution. STEM education and outreach must create an easier way to be part of the global stewardship of the Earth Initiative, such as an indigenous call to action for all who believe in THEIR responsibility to be stewards of the Earth. One could redefine "indigenous" as all those who consciously connect with their responsibility to the Earth and the advancement of humankind.

A few key trends are social entrepreneurship, citizen philanthropy (microloans and peer-lending), youth global microenterprises, youth and women involved with creating micro-multinationals, ICT microloans and E-entrepreneurship, transnational activism. These important and growing trends combine Meaning, Purpose, Self-Satisfaction, Extensibility, Self-Efficacy, e-Commerce and more with success stories, K-to-the-Grave courses and tools, all in the theme of digital storytelling delivered via pervasive devices (e.g., smartphones, TVs). Corporate social responsibility and green businesses are already investing into highly visible social initiatives. Social media and crowd sourcing provides for extraordinarily cost effective mass engagement and self-directed learning, in addition to peer interaction and content creation.

MORE Opportunity is about delivering on the opportunity to drive the following: learning to learn, technology tools for learning, socio-emotional mentoring for encouraging learning, social media constructivist tools, social engineering, cultural digital storytelling, ways of knowing, the seven intelligences, scientific method, cultural relativism, global thinking, global citizenship, activism, growth/self-actualization, service learning rural revitalization, instructional entrepreneurship and more.

Redefine:

MORE Opportunity is a call to action. It is about redefining enviro-energy-community collaborative engagement. What STEM can and is doing for you as a 21st Century Citizenship, Citizen Professor, Citizen Scientist is to create a secure and prosperous future. We can live and earn with a green lifestyle, showing responsibility to educate others, how to create and disseminate value in a global knowledge economy, while maximizing one's impact on the lives of others...MORE Opportunity calls this ***Sustainable Families 2.0***.

RMSC Contact Information

info@rmscinc.org ● 406-723-6734 ● <http://www.rmscinc.org/>