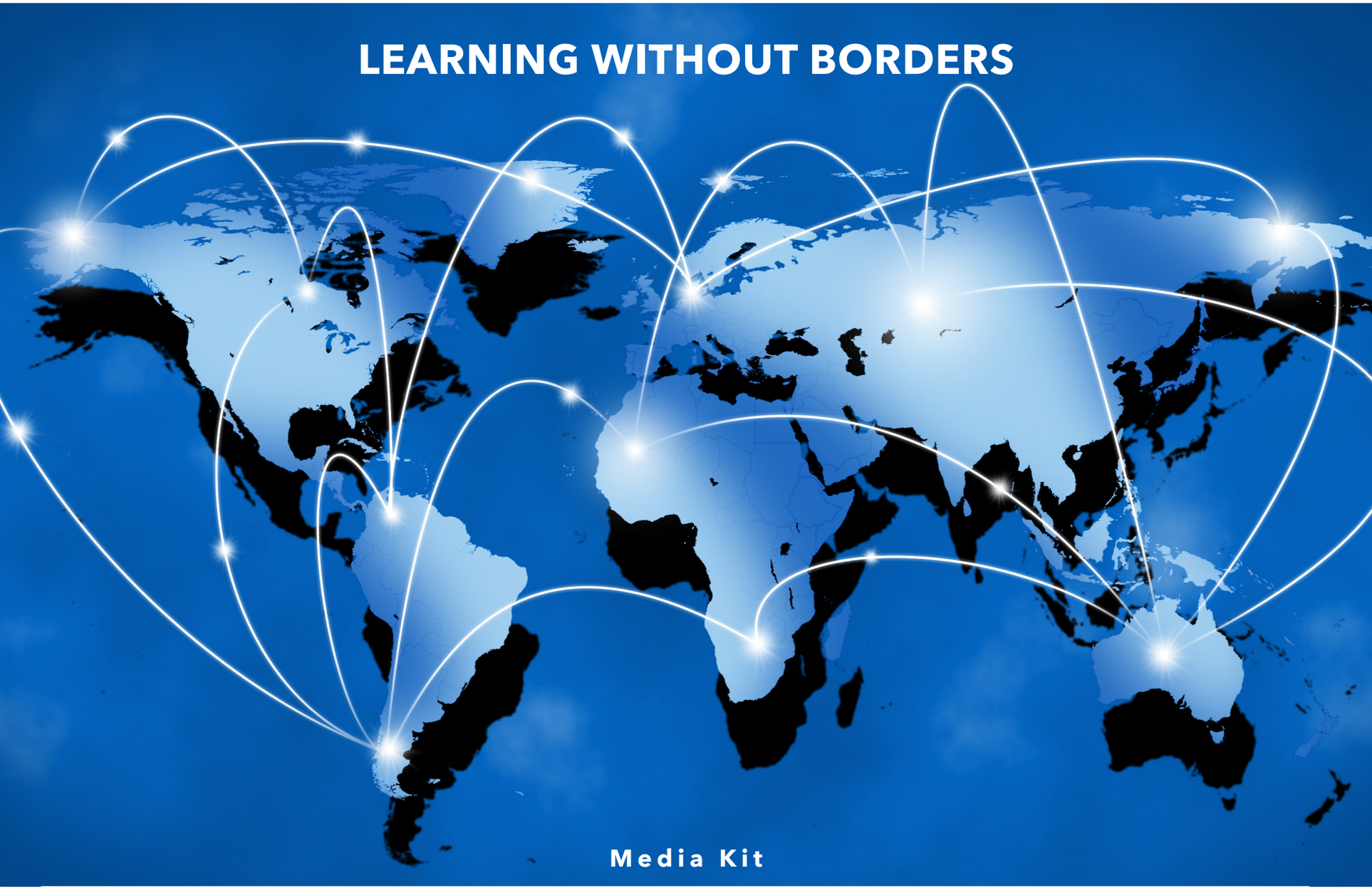
Smithsonian

SCIENCE
for Global Goals



developed by

Smithsonian
Science Education Center

in collaboration with

iap SCIENCE HEALTH POLICY
the interacademy partnership

Smithsonian | SCIENCE *for Global Goals*

Photo Courtesy of Luc Deschamps
Jacaranda Foundation, Malawi

SCIENCE DRIVEN BY LOCAL ACTION

The **Smithsonian Science for Global Goals** project provides new freely available community research guides for youth ages 8-17 developed by the Smithsonian Science Education Center in collaboration with the InterAcademy Partnership. These research guides use the **United Nations Sustainable Development Goals (SDGs)** as a framework to focus on sustainable actions that are student-defined and implemented.

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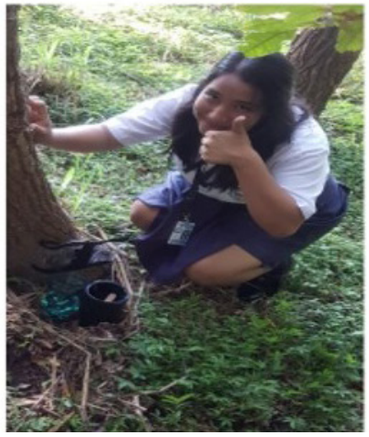

Photos Courtesy of Escuela Rafael Maduro Garibaldo, Panama and Escuela San Carlos, Panama

ACT LOCALLY, THINK GLOBALLY

The Smithsonian Science for Global Goals project brings together inquiry-based science education, social and emotional learning, and civic engagement. Students engage with issues of global importance firsthand in their communities, by using real scientists as role models and unlocking the power of authentic citizen science, all while examining each issue from multiple perspectives. Students then use their new scientific knowledge to do social good in their region. Our goal is to get students to act locally, but think globally. We are educating youth about complex socio-scientific issues that can adversely affect their lives.

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STUDENTS LEARN

The Smithsonian Science for Global Goals community research guides are designed to help future decision-makers understand how to approach complex societal issues through multiple perspectives.

Through the Smithsonian Science for Global Goals students learn:

- Critical Reasoning
- Systemic understanding of complex issues
- Science literacy and sustainable mindsets
- How to approach complex issues through multiple perspectives (social, ethical, economic, and environmental)
- How to use their findings to find common ground, build consensus, and plan and carry out local actions for Global Goals.

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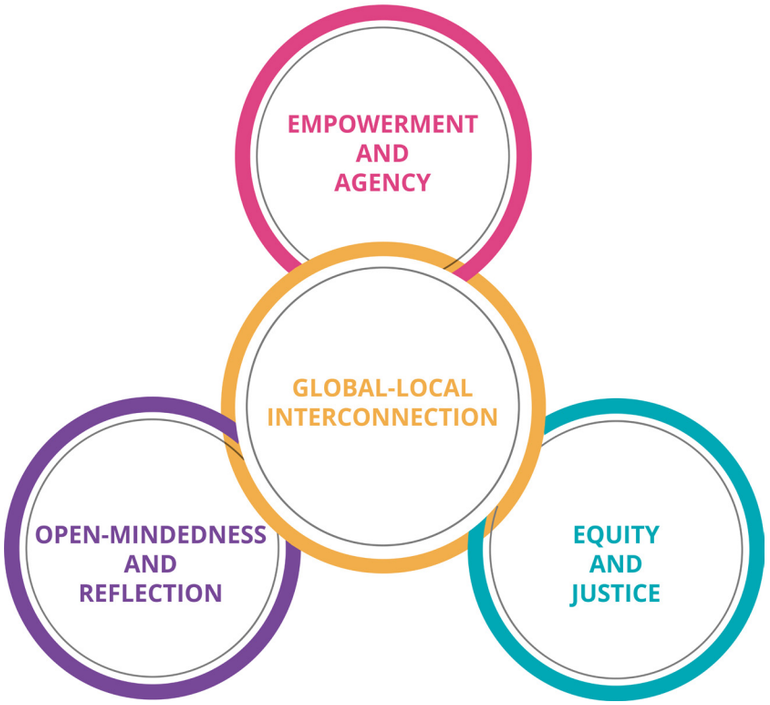

OUR VISION

Our vision is for students to form a habit of taking action on global issues that are locally-focused and based in scientific understanding.

SUSTAINABLE MINDSETS

Our learning modules combine key pieces of science and social studies education practices with social and emotional learning.

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BASED ON

3 GOOD HEALTH AND WELL-BEING
4 QUALITY EDUCATION
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
17 PARTNERSHIPS FOR THE GOALS

MOSQUITO!

COMMUNITY RESEARCH GUIDE

- Map Local Habitats
- Collect Mosquito Eggs
- Understand Local Disease Transmission
- Identify Community Partners
- Understand Disease Hosts
- Present Findings to Local Community

Download the free curriculum: www.ssec.si.edu/mosquito

This project is funded by:

GORDON AND BETTY MOORE FOUNDATION

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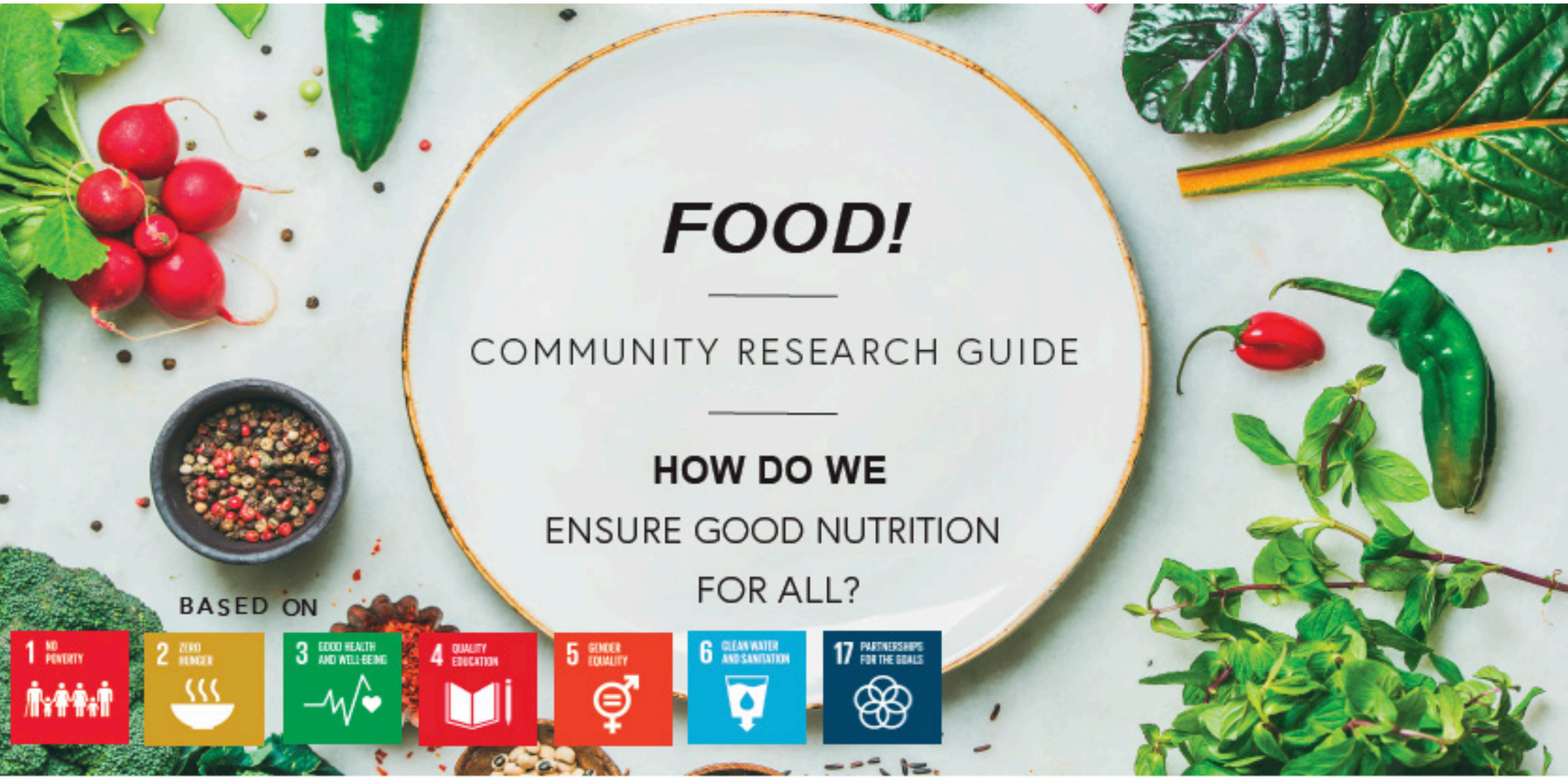

COMING SOON

- Map and Research Local Food Access Sites
- Survey Community Nutritional Knowledge and Opinions
- Assess Local and Global Food Guidelines
- Explore Local and Global Cooking and Storage Techniques
- Define Local Nutrition-related Issues
- Develop Action Plans and Present Findings to Local Community

For more information: www.ssec.si.edu/global-goals

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WHAT'S NEXT? FORTHCOMING NEW MODULES!

Cities

How can we create healthier, happier cities?

(In Progress)

Biodiversity

How do we balance protecting Earth's resources with human needs? (In Progress)

Water

How do we ensure fair water use for all?

Weather

How do we balance economics and preparation?

Biotechnology

How do we balance technology, actions, and ethics?

Pandemic

How do we prepare for a pandemic?

Oceans

How do we balance today's needs with tomorrow's goals?

Agriculture

How do we balance production, economics, and our impact on the environment?

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And more! Visit: www.ssec.si.edu/global-goals

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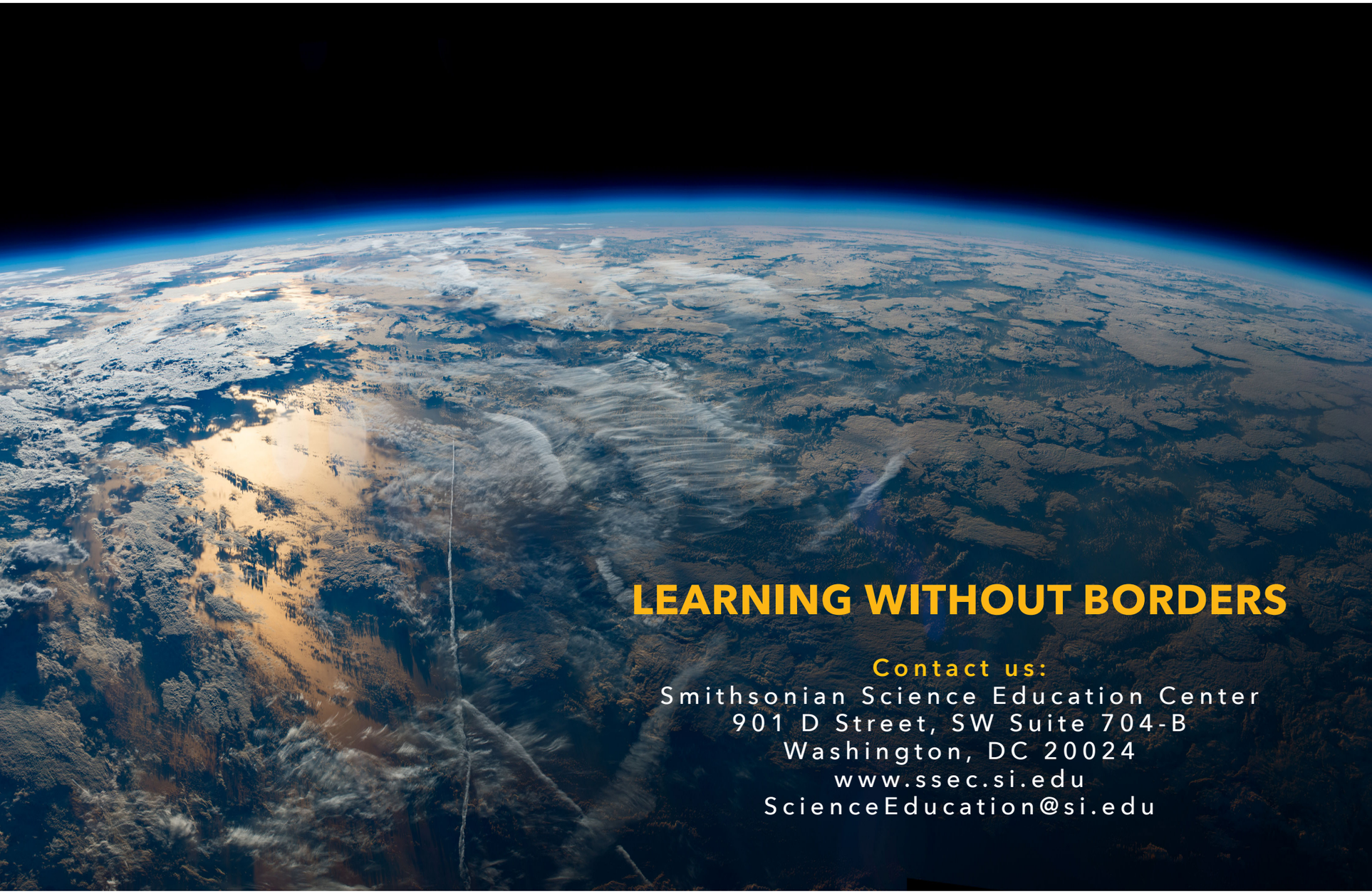

LEARNING WITHOUT BORDERS

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