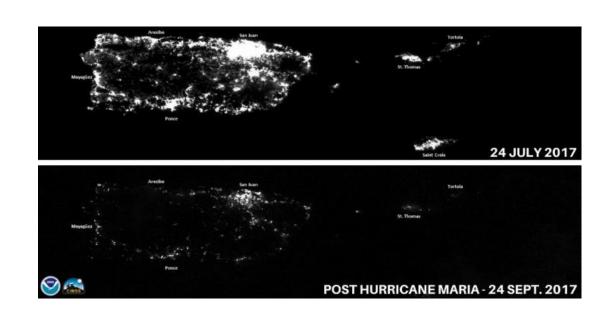
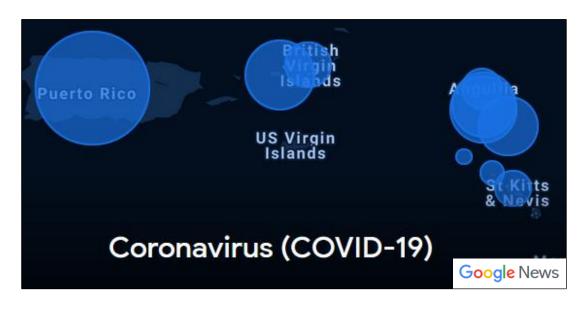
Supporting Culturally Competent Leaders for a Changing VI: the Resilience Leaders Initiative





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How severe was 'IrMaria' in the VI?

Irma: September 6, 2017



Maria: September 20, 2017



Most devastating disasters by percentage job loss*

1. Katrina, Metro New Orleans: 29.7% job loss

2. Irma & Maria, USVI: 11.7% job loss

3. Hugo, USVI: 9.4%

4. Marilyn, USVI: 6.2%

5. Maria, Puerto Rico: 5.8%

Resilience Leaders Plan Year 0 of 5

Strong UVI Graduates: Culturally Competent, Transdisciplinary, STEM Workforce

Coral Restoration Research

Disaster Recovery Internship

Human Services Internship

Science 100 Natural World: The Caribbean Social Science 100 A Caribbean Focus

Undergraduate Education Research: Building on IrMaria-Centered Service Learning



Service learning is a high-impact, culturally responsive activity:

- increases course engagement
- builds professional skills:
 collaboration, creativity, critical thinking, communication
- enhances persistence & retention of students
- addresses community needs and builds future leaders well-equipped to address "wicked problems" in the VI

Francis, G. and Brown, L. (2019). The impacts of Hurricanes Irma and Maria in the Virgin Islands and the recovery process through action in science. Association for the Sciences of Limnology and Oceanography (ASLO) Aquatic Sciences Meeting, San Juan, PR. (oral)

Lessons Learned (8 semesters, ~120 students): One size does not, SHOULD not, fit all UVI students.

1. Service Learning



2. Community Engagement



3. STEM Research Experience

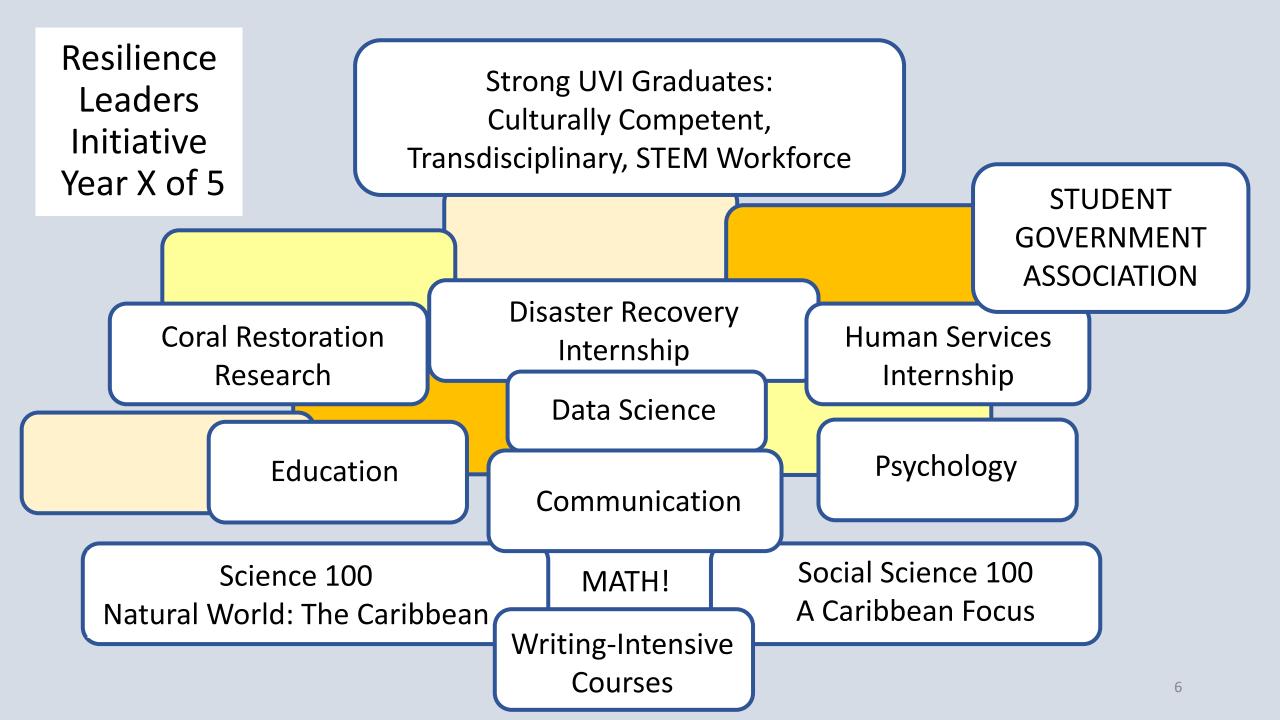




4. Independent Project

5. Interdisciplinary Research Experience

- 7. Do you feel your motivation for school has gone down the drain?
- Strongly agree
- Agree
- Neither agree nor disagree
- Disagree
- Strongly disagree



UVI students are already resilience leaders.



Destroyed power pole with VI flag, photo of unknown origin. Symbol for #VIStrong since September 2017

"If there is no transportation to classes, I'll walk.

If there is no washing machines, I'll wash it myself.

If there is no power I can survive without my phone and other technologies.

If I can survive two category five hurricanes then I can survive anything."

- Science 100 student, consented essay excerpt