

WELCOME TO KEARNY SCT

Science, Connections & Technology

www.kearnysct.com

NEW BEGINNINGS

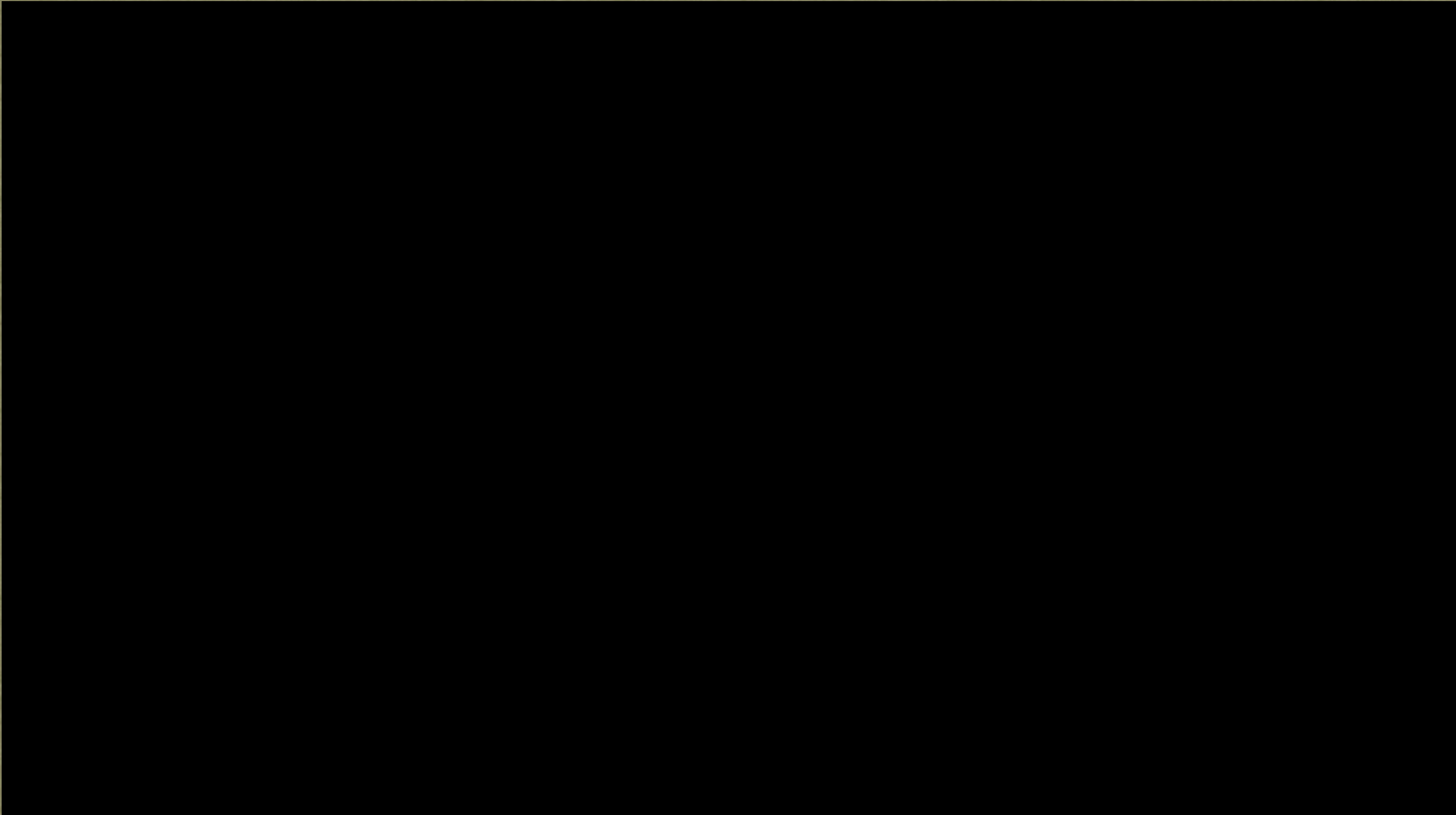
- *“You are given two lives:
The one you were born
with and the one you
create” - Lao Tzu*

WHAT IS SPECIAL ABOUT SCT?

- 2012 and 2013 U.S News & World Report Silver Medalist School
- At least 2/3 of our students enrolled in A.P. courses have received college credit
- Unique science pathways and science industry partnerships

SCT- GATES MILLENNIAL SCHOLAR

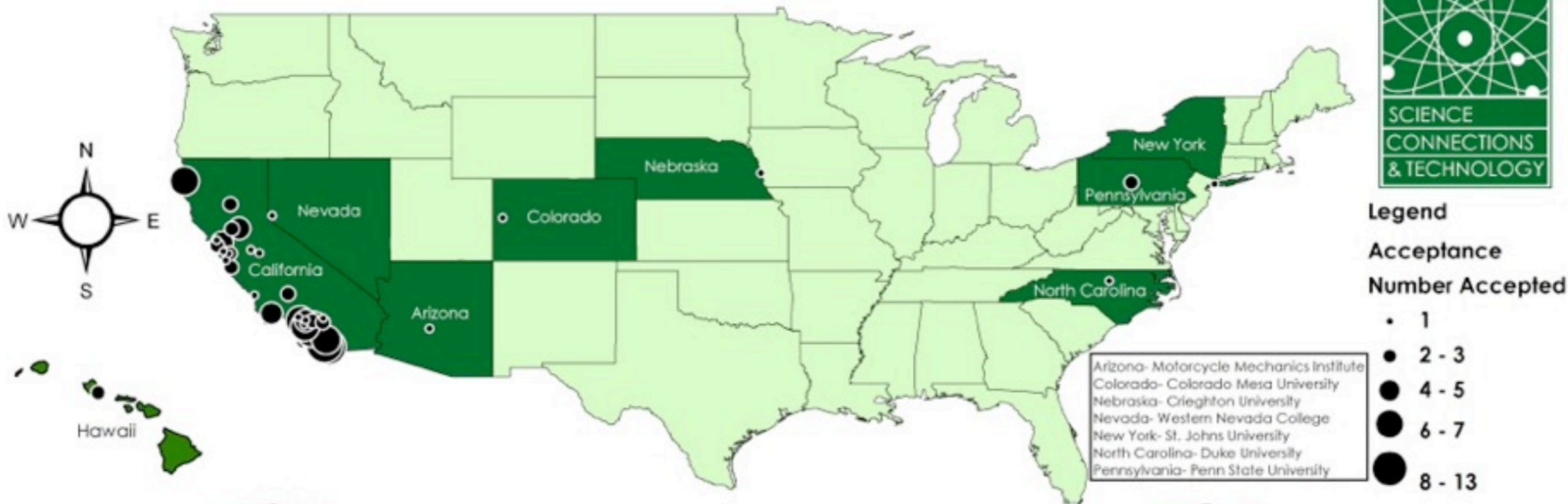
- Teresa Ramos (*SCT class of 2012*) began an internship through her GIS class with the United States Geologic Survey in her junior year. She is currently majoring in Environmental Science at SDSU and an employee of the USGS as a hydrologic technician.



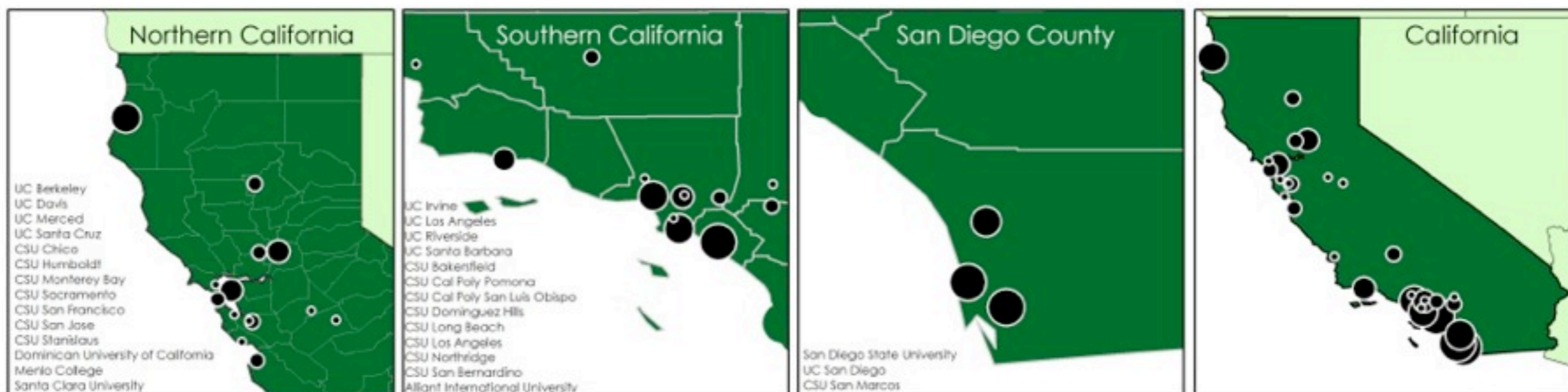
GEOGRAPHIC INFORMATION SYSTEMS (GIS)-TECHNOLOGY IN ACTION

- GIS is using technology to analyze and interpret real-world data in a spatial framework. It is used in all major industries, government, military, medical, environmental science, telecommunications, financial and education. Successful students will earn **3 college credits** and **potential for paid/unpaid internship experiences.**
- GIS incorporates core-curricular concepts and applies them in a meaningful way, giving students hands-on, real world job skills.

Colleges where **SCT** students have been accepted



Class of 2013



Source:
Senior Class of 2013

Map Created By:
Julio Alvarado

SCT SCIENCE PATHWAYS

- 9th grade: Marine Science, Green Technology, and/or Physics
- 10th grade: Biology, Advanced Biology and AP Environmental Science, Urban Agriculture, GIS)
- 11th grade: AP Biology/Biotechnology, AP Environmental Science, Urban Agriculture, Chemistry/Honors Chemistry, Honors Physics, GIS)
- 12th grade: Honors/A.P Physics, Biotechnology 1,2 or 3,4

UNIQUE PARTNERSHIPS

- Marine Science, Biology(s) and Advanced Placement Environmental Science - Scripps Institution of Oceanography PhD Partnerships
- AP Environmental Science/Urban Agriculture (Aquaponics)- UCSD Extension (4 college credits)
- Biotechnology- Miramar College (4 college credits)
- GIS- Mesa College (3 college credits)

SCIENCE COMPETITIONS

- Science Fair (required for Marine Science),
Google Science Fair - optional for 10-12th graders
- Science Olympiad
- Sea Perch (ROV- Remote Operated Vehicle-
Submarine)
- MESA (Math, Engineering Science Achievement)

CLUBS & ORGANIZATIONS

- Science Zone
- Key Club
- Environmental Club
- Athletics