**We are interested in assessing the impact of OCG on post-camp experiences of our ALUMNI SCIENCE MENTORS. OCG Science Mentors Dr. Ben Ross, Kate Dubickas, Kyle Amergian will present their findings at the 2019 Association for the Sciences of Limnology and Oceanography conference. Think back to your time at OCG and try to assess how your experiences as a mentor impacted you concerning the topics below post-camp and beyond.**

**Further, we want to highlight some alumni stories; if you are interested in sharing your story, please include it in the comments box at the bottom of this survey, along with your name and contact information, or email it to kdubickas@mail.usf.edu**

**~~~~~~~~~~~~~Research Abstract: ~~~~~~~~~~~~~**

**Since 1991, the Oceanography Camp for Girls (OCG) has provided a 3-week ocean sciences STEM program for teen girls in Pinellas County, Florida entering 9th grade. The mission of the program is to motivate young women to consider career opportunities in the sciences, promote environmental stewardship, instill a greater understanding and appreciation for the ocean, support the development of positive assets, and foster self-esteem. Key strengths of OCG include authentic experiences in both field and laboratory settings that engage experiential learning and inquiries in a research-context supported by professors, research scientists, and graduate students. The OCG is funded by endowments, businesses, and individuals in the community. The application process is competitive and due to generous support the program is provided at no-cost. As a result, the camp has been made accessible to girls whose families might otherwise be unable to afford a summer program of this magnitude. The inclusive recruitment strategies have further fostered a diverse body of campers throughout its history, many of whom continue to be engaged in the sciences. This project will highlight former campers by featuring ‘where are they now?’ stories. Results from our survey research will chronicle the influence of OCG on the academic and professional pursuits of adult alumni campers and past graduate students who served as science mentors during OCG and provide a baseline to assess the extent to which the OCG program has achieved the intentions of its mission for both teens and graduate mentors.**

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**Question Title**

**1. What is your age?**

Under 18

18-24

25-34

35-44

45-54

55-64

65+

**Question Title**

**2. What is your race?**

White or Caucasian

Black or African American

Hispanic or Latino

Asian or Asian American

American Indian or Alaska Native

Native Hawaiian or other Pacific Islander

Another race

**Question Title**

**3. What year(s) were you a science mentor at OCG?**



CAREER AND EDUCATION

**Question Title**

**4. What is your highest level of education attained?**

Some High School

High School or GED

Associate's Degree

Technical Degree

Some College, no degree

Bachelor's

Master's

Professional Doctorate (medical doctor, law, music, ministry, etc.)

Academic Doctorate

**Question Title**

**5. Did you attend the USF College of Marine Science as a graduate student?**

Yes

No

**Question Title**

**6. If a USF CMS graduate student, what field of oceanography did you / are you pursuing?**

Biological Oceanography

Geological Oceanography

Chemical Oceanography

Physical Oceanography

Marine Resource Assessment

Not a USF CMS graduate student

Other (please specify)



**Question Title**

**7. Was acting as a science mentor at OCG your first time teaching science in a formal setting?**

Yes

No

**Question Title**

**8. How would you describe your current employment?**

Marine STEM (Science, Technology, Engineering, Mathematics) related field

Non-Marine STEM related field

Non-STEM related field

Currently Unemployed

STEM Education

Non-STEM Education

Student

Other (please specify)



**Question Title**

**9. If you plan to change employment fields in the next five years, how would you describe your future field of employment?**

Marine STEM (Science, Technology, Engineering, Mathematics) related field

Non-marine STEM related field

Non-STEM related field

STEM education

non-STEM education

Student

Other (please specify)



**Question Title**

**10. Did your experiences at OCG have an impact on your consideration of a STEM field as a possible career path?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**11. Did your experiences at OCG have an impact on your consideration of oceanography, specifically, as a career path?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**12. Did your experiences as an OCG mentor impact your interests in becoming an academic professor?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**13. Did your experiences as an OCG mentor impact your interests in becoming a K-12 educator?**

Not at all

Slightly

Moderately

Significantly

Extremely

ABILITIES IN ENVIRONMENTAL EDUCATION AND OUTREACH - to what degree do you think your experiences at OCG helped to cultivate your abilities in communicating the following topics

**Question Title**

**14. Did your experiences at OCG have an impact on your ABILITY to communicate issues concerning global climate change?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**15. Did your experiences at OCG have an impact on your ABILITY to communicate issues concerning plastics in the environment?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**16. Did your experiences at OCG have an impact on your ABILITY to communicate issues concerning environmental chemical pollution?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**17. Did your experiences at OCG have an impact on your ABILITY to communicate issues concerning household waste?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**18. Did your experiences at OCG have an impact on your ABILITY to communicate issues concerning carbon footprints?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**19. Did your experiences at OCG have an impact on your ABILITY to communicate issues concerning environmental conservation?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**20. Did your experiences at OCG have an impact on your ABILITY to communicate issues concerning how humans impact the environment?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**21. Did your experiences at OCG have an impact on your ABILITY to communicate issues concerning ways that habitat loss affects plants and animals?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**22. Did your experiences at OCG have an impact on your ABILITY to communicate issues concerning overfishing?**

Not at all

Slightly

Moderately

Significantly

Extremely

INTERESTS IN ENVIRONMENTAL EDUCATION AND OUTREACH - to what degree do you think your experiences at OCG helped to cultivate your interest in communicating the following topics

**Question Title**

**23. Did your experiences at OCG have an impact on your INTEREST in communicating issues concerning global climate change?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**24. Did your experiences at OCG have an impact on your INTEREST in communicating issues concerning plastics in the environment?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**25. Did your experiences at OCG have an impact on your INTEREST in communicating issues concerning environmental chemical pollution?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**26. Did your experiences at OCG have an impact on your INTEREST communicating issues concerning household waste?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**27. Did your experiences at OCG have an impact on your INTEREST in communicating issues concerning carbon footprints?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**28. Did your experiences at OCG have an impact on your INTEREST in communicating issues concerning environmental conservation?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**29. Did your experiences at OCG have an impact on your INTEREST in communicating issues concerning how humans impact the environment?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**30. Did your experiences at OCG have an impact on your INTEREST in communicating issues concerning ways that habitat loss affects plants and animals?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**31. Did your experiences at OCG have an impact on your INTEREST in communicating issues concerning overfishing?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**32. Do you think your experiences at OCG made you more likely to practice outreach and education in your personal or professional life?**

Not at all

Slightly

Moderately

Significantly

Extremely

EXPERIENCES IN INTERDISCIPLINARY UNDERSTANDING - did your time as a science mentor increase the depth or interconnectedness of your understanding pertaining the following topics

**Question Title**

**33. Did your experiences at OCG have an impact on your understanding of animals in the ocean?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**34. Did your experiences at OCG have an impact on your understanding of the mangrove ecosystems common in Florida?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**35. Did your experiences at OCG have an impact on your understanding of the seagrass ecosystem common in Florida?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**36. Did your experiences at OCG have an impact on your understanding of chemical processes in our oceans?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**37. Did your experiences at OCG have an impact on your understanding of the interactions between plants, animals and their environment?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**38. Did your experiences at OCG have an impact on your understanding of the processes that build beaches?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**39. Did your experiences at OCG have an impact on your understanding of plankton, and the role they play in the oceans?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**40. Did your experiences at OCG have an impact on your understanding of the processes and ecology of estuaries?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**41. Did your experiences at OCG have an impact on your understanding of the physical processes that affect oceans and structure oceanic ecosystems (i.e. currents, water density, light availability, etc.)?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**42. Did your experiences at OCG have an impact on your understanding of the role of nutrients in our oceans?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**43. Did your experiences at OCG have an impact on your understanding of the Tampa Bay estuary, in particular?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**44. Do you think your experiences at OCG exposed you to interdisciplinary facets of our oceans?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**45. Do you think your experiences at OCG increased your ability to think about the oceans in an interdisciplinary way?**

Not at all

Slightly

Moderately

Significantly

Extremely

PUBLIC SCIENCE LITERACY - to what degree do you think your experiences at OCG shaped your understanding of public science literacy on the following topics

**Question Title**

**46. Did your experiences as an OCG mentor affect your understanding or opinon of science literacy outside of the scientific community?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**47. Did your experiences as an OCG mentor affect your understanding or opinion of scientific literacy in young people specifically?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**48. Did your experiences as an OCG mentor affect your understanding or appreciation for the environmental concerns of young people?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**49. Do you think your experiences at OCG made you more likely to pursue outreach and education activities?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**50. Do you think your experiences at OCG made you more likely to pursue outreach and education activities as a career?**

Not at all

Slightly

Moderately

Significantly

Extremely

DEVELOPMENT OF POSITIVE ASSETS - to what degree do you think your experiences at OCG helped to cultivate skills and experiences useful in your personal or professional life

**Question Title**

**51. Did your experiences at OCG have an impact on your confidence in seeking support when developing a project or idea?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**52. Did your experiences at OCG have an impact you feeling empowered to pursue your goals?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**53. Did your experiences at OCG have an impact on your ability to recognize boundaries and expectations of others?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**54. Did your experiences at OCG have an impact on how you value your time?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**55. Did your experiences at OCG impact your time management strategies?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**56. Did your experiences at OCG impact your comfort with facilitating the creation of a presentation?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**57. Did your experiences at OCG impact your comfort with organizing a project?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**58. Did your time at OCG impact your comfort working with technology or in a laboratory setting?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**59. Did your time at OCG affect your comfort working or spending a substantial amount of time outdoors?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**60. Did your experiences at OCG contribute to seeing yourself as a life-long learner?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**61. Did your experiences at OCG impact your level of comfort interacting with people?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**62. Did your experiences at OCG impact your comfort with public speaking?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**63. Did your experiences as an OCG mentor affect your ABILITY to collaborate within the scientific community?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**64. Did your experiences as an OCG mentor increase your INTEREST in collaborating within the scientific community?**

Not at all

Slightly

Moderately

Significantly

Extremely

FOSTERING SELF-ESTEEM -  to what degree do you think your experiences at OCG contributed to a more positive self-image and confidence

**Question Title**

**65. Did your experiences at OCG contribute to a more positive sense of self?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**66. Did your experiences at OCG positively impact your self-confidence?**

Not at all

Slightly

Moderately

Significantly

Extremely

**Question Title**

**67. Do you have any additional comments or things to highlight about your experiences as an OCG Science Mentor? If you have a story you'd like to share, please include your name and email.**

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