

Melissa Miller
(858) 344-6369
melissa-miller@ucsd.edu

Experienced scientist and science communicator with proven ability to create educational content for diverse audiences. Hard-working, enthusiastic, and efficient employee with excellent references.

Writing Samples

Scripps Institution of Oceanography feature articles, photo highlights, and video contributions: <https://go.ucsd.edu/2C0dV3l>

Division of Physical Sciences articles and profiles: <https://go.ucsd.edu/2MB3s2S>

Scientific American, Observations / Opinions: <https://cutt.ly/xyNdift>

Nature, Career Column: <https://www.nature.com/articles/d41586-018-06824-0>

Research Vessel Sally Ride blog: <https://scripps.ucsd.edu/expeditions/sallyride/>

Relevant Work Experience

UNIVERSITY OF CALIFORNIA, SAN DIEGO: 2003 - PRESENT

- Write press releases and feature articles for UCSD communications teams, including content intended for media outlets, newsletters, and online magazines.
- Read journal articles and other forthcoming publications and interpret their scientific and broader impacts for a wide audience, including members of the public, school groups, and the scientific and technical communities.
- Conduct interviews with Principal Investigators, postdoctoral scholars, graduate students, and other authors and team members.
- Write video summaries, show notes, and social media posts for the “Into the Impossible” podcast to broaden listener and viewer engagement and subscriptions.
- Manage projects from concept to completion: originating stories, making contacts, interviewing, researching to ensure accuracy, taking and editing photographs and videos, writing, editing, publishing, and publicizing materials via social media.
- Utilize UC San Diego content management system and WordPress to develop and edit websites.

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- Coordinate outreach and education for research vessel Sally Ride. Independently seek out and report on new and engaging topics about life and work at sea via articles written for the ship's blog. Create a social media presence for the ship and add regular and engaging content.
- Serve as guest curator at Birch Aquarium for "Expedition at Sea" gallery. Create and edit written, audio, and video content aimed to excite people about scientific exploration. Coordinate outreach activities for the research community and the public. Exhibit summary: <https://go.ucsd.edu/2G4LRQv>
- Cultivate partnerships, including with Sally Ride Science, UCTV, Birch Aquarium, KPBS, and the San Diego Union-Tribune.
- Work with marketing and communications departments around campus to create and approve content for logos, brochures, signage, press releases, and advertisements.
- Write and edit technical documentation and standard operating procedures.
- Prepare NSF and other research grants entailing revision of project narrative and other required components.
- Assist faculty members with the preparation of journal articles and book chapters for final submission including editing for organization, logic, and stylistic content.
- Listed author of multiple publications in peer-reviewed journals, as well as posters presented at scientific meetings and conferences.

Education

- UC San Diego Extension - Enrolled in Science Communication certificate program with courses in science writing, self-editing, and digital journalism, 2019-2020
- UC San Diego Extension - Science Writing internship with the Communications Director of the Division of Physical Sciences. Bylines include feature stories, coverage of live events, and press releases. Hands-on experience crafting audio visual components and curating effective social media posts, 2019
- San Diego Community College District - Coursework in Writing Creative Non-Fiction and Documentary Film Scripts, 2015-2018
- University of California, San Diego - B.S. in Ecology, Behavior, and Evolution Biology, Minor in Biological Anthropology, 2003