

Dione L. Rossiter, PhD

Scientist, Program Director, and Educator

Objectives

Using my skills as a trained scientist, educator, and executive director, to work in programs aimed at advancing the scientific enterprise, promoting scientific thought, and preparing, diversifying, and expanding the scientific workforce.

General Info

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Current City: San Francisco, CA

Education

Bachelor of Arts, 2005

Earth & Planetary Science

Track: Atmospheric Science

University of California, Berkeley

Doctor of Philosophy, 2012

Earth & Planetary Science

Atmospheric & Climate Dynamics

University of California, Santa Cruz

Timeline



Experience

Executive Director, Science at Cal, University of California, Berkeley

FEBRUARY 2020 - CURRENT

- Work with stakeholders across the University—including the Council of Science & Engineering Deans, Research & Development Office, Vice Chancellor for Research, and Executive Vice Chancellor & Provost—to provide university leadership and guidance with respect to:
 - Designing opportunities for broader impact, education, public outreach, and science education
 - Connecting faculty to existing opportunities and forging new partners within UC Berkeley and broader Bay Area communities
 - Creating an explicit approach & framework for promoting equity, inclusion, and cultural relevance within communication & outreach
 - Realizing synergies across the existing science communication and outreach portfolios across campus
- Provide day-to-day leadership, including hosting 5 monthly lectures, participating in numerous yearly public festivals (combined serving tens of thousands of individuals), overseeing all modes of communication (from weekly newsletters to social media), and managing all budgets, fundraising, and databases.

Independent Contractor, Science Communication & Outreach Specialist

MARCH 2015 - CURRENT

- Plan and execute individualized science communication and career seminars and workshops at universities and at scientific and minority-serving conferences, including Cambridge University, Lawrence Berkeley National Lab, the National Society of Black Physicists (keynote), and the American Meteorological Society (invited), to name a few.
- Create marketing and communication strategy and materials; experience includes an IT data compliance, management, and archive company, securing \$450,000 in contracts through advanced promotion.

Lecturer/Adjunct Professor, San Jose State University

AUGUST 2018 - MAY 2019

- Prepare original lesson material and curricula for classes (ranging from 25-110 students) that address the causes and negative effects of global climate change and that incorporate solutions through mitigation and adaptation strategies.

Scientific Programs & Outreach Manager, Carnegie Institution for Science

DECEMBER 2015 - SEPTEMBER 2017

- Provide leadership of scientific, communication, and outreach strategy intended to broaden the reach of science, both within the scientific community and public. Accomplishments include being awarded \$500,000 for “Science & Society” program.
- Conceive, execute, and manage scientific events (film premiers, conferences, press briefings, panel discussions, etc.) including “Capital Science Evening Lectures,” events attracting 400-450 individuals per program.
- Manage all partnerships between Carnegie Science and other institution, agencies, nonprofits, media outlets, and corporations.
- Direct Carnegie’s outreach and marketing products, including extensive projects like the creation of Carnegie’s 1st promotional commercial.

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Experience Cont.

Director, Mass Media Science & Engineering Fellows Program, AAAS

OCTOBER 2012 - NOVEMBER 2015

- Independently manage all aspects of the Mass Media Fellows (MMF) and Minority Science Writer's Interns Programs including fundraising, program development, and implementation.
- Accomplishments include a 100% growth of the program and 80% increase in outside funding in 2 years. New partnerships forged include: WIRED, National Geographic, Slate, KQED, PBS NewsHour, CNN, and Univision.
- Envision, develop, and implement the Spanish Language Fellows Program as part of the Fellowship, placing Spanish-speaking scientists at media sites and resulting in 100% external funding after its first year.
- Develop and administer, for the first time in MMF's 40yr history, an alumni survey (55% response rate) while simultaneously improving/expanding the alumni database (81 to 369 alum).

Project Director, Public Engagement, Education and Human Resources Programs American Association for the Advancement of Science (AAAS)

OCTOBER 2012 - NOVEMBER 2015

- Independently coordinate numerous special events and meetings through public engagement and education, serving thousands of individuals and managing extensive budgets. In one instance, doubling our original budget through corporate donations and reaching 2,000 underserved students in one day.
- Manage the AAAS Board-appointed Committee on Science and Technology Engagement with the Public; includes coordinating all aspects of the AAAS Public Engagement with Science Award (quadrupling the amount of nominations received over two years through advanced promotion).
- Provide career resources, student resources, communication, and science communication workshops, presentations, written materials, and other guidance to scientists and the public.
- Serve on seven selection committees and advisory groups, including as the 2015 Chair of the AAAS S&T Policy Fellowship selection committee for Health, Education, and Human Services and a member of the taskforce on short and long-range planning of member and public engagement.

Graduate Researcher, Cloud & Aerosol, Climate Change Lab, Advisor: Dr. Patrick Chuang, UC Santa Cruz

SEPTEMBER 2006 - JUNE 2012

- Complete a series of extensive climate (1 year) and paleo-climate (1 year) courses along with additional computational, mathematical, and physical sciences courses.
- Install, operate, and maintain instrumentation on five field campaigns and then assess, process, and interpret flight-based cloud microphysical data.

AAAS Mass Media Science Fellow, Science & Health Reporter, Voice of America, Washington D.C.

JUNE 2011 - AUGUST 2011

- Convert advanced science concepts into science news accessible to the media and the public.
- Write, edit, voice, and produce online and audio feature stories covering science from around the globe and reaching an international audience of 236.8 million.

Graduate Researcher, Graduate Diversity Advisory Committee, Division of graduate studies, UCSC

JANUARY 2007 - JULY 2007

- Write, plan, and execute diversity initiatives aimed at the recruitment and retention of graduate students in underrepresented groups within the graduate division.
- Coordinate communication and facilitate the implementation of initiatives designed to develop and enhance internal and external partnerships with the goal of increasing graduate diversity.

Synergistic Activities

Secretary, Board of Directors, Marine Science Institute

OCTOBER 2020 - PRESENT

Secretary, Board of Directors Association for Women in Science, East Bay Chapter

JUNE 2021 - PRESENT

