



Overview of NOAA Research and Context for the Review

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Deputy Assistant Administrator for Science
Office of Oceanic & Atmospheric Research

May 10, 2021

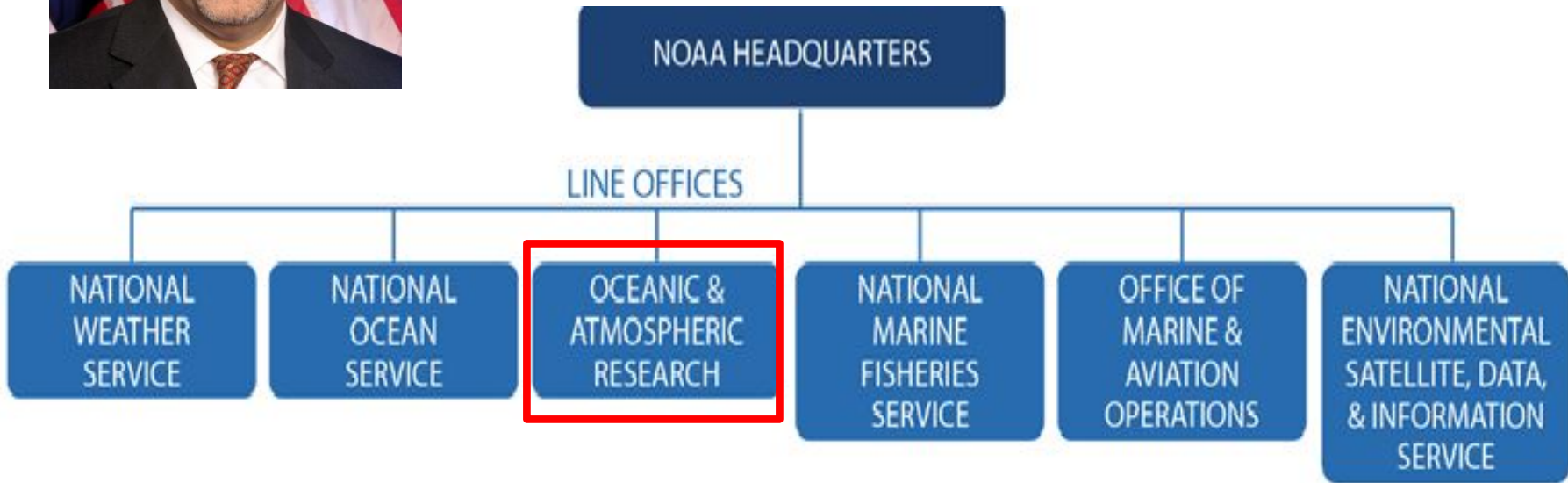




NOAA Organization



**Deputy Under Secretary for Operations,
performing the duties of Under
Secretary of Commerce for Oceans and
Atmosphere and NOAA Administrator**



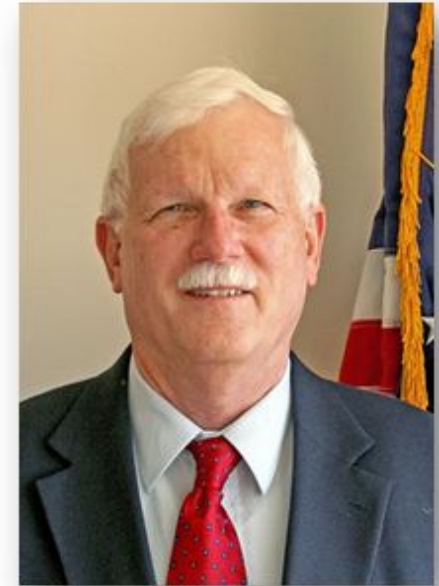
OAR Leadership



Craig McLean
Assistant Administrator for
Oceanic & Atmospheric
Research

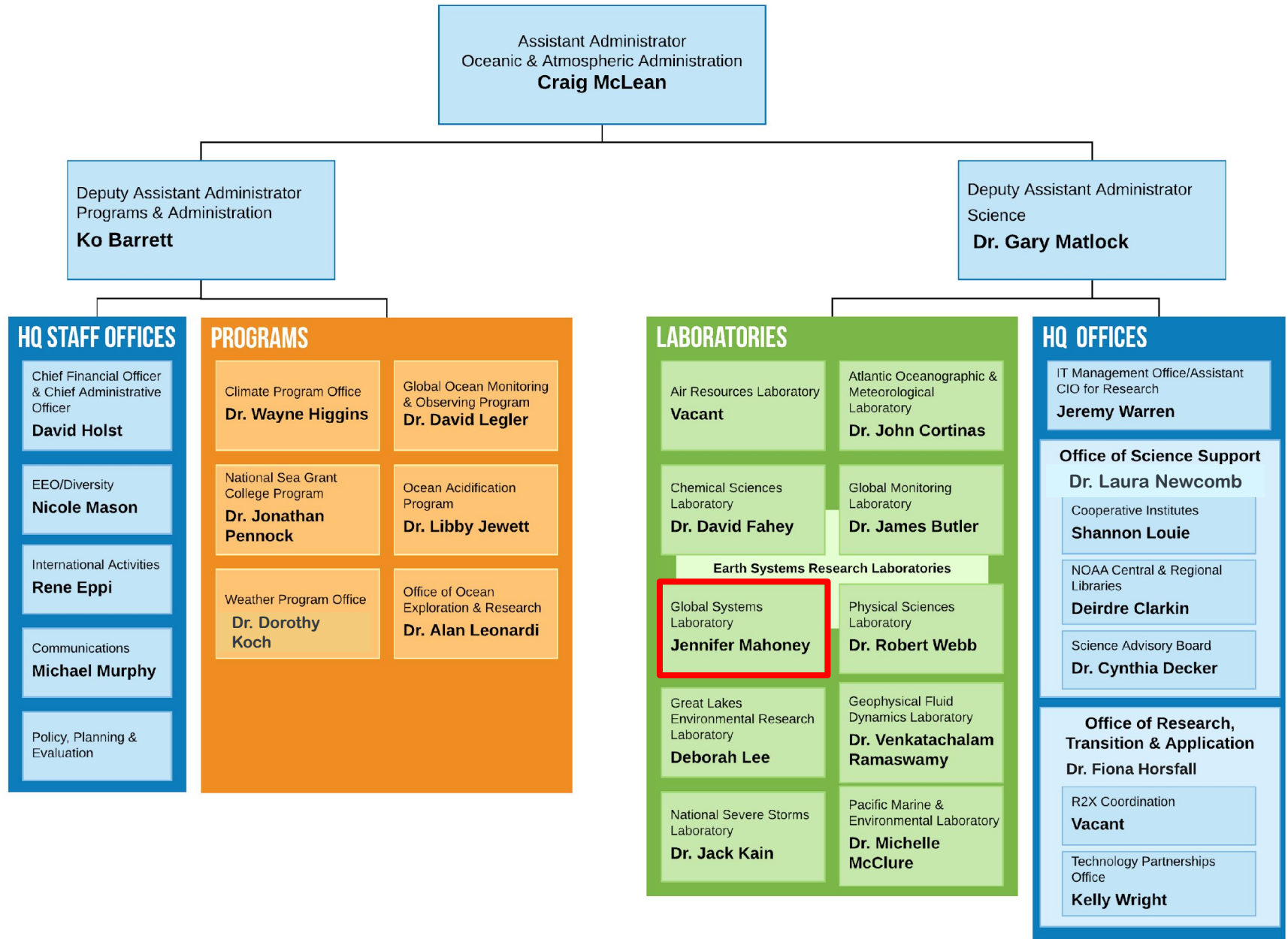


Ko Barrett
Deputy Assistant
Administrator for Programs
and Administration

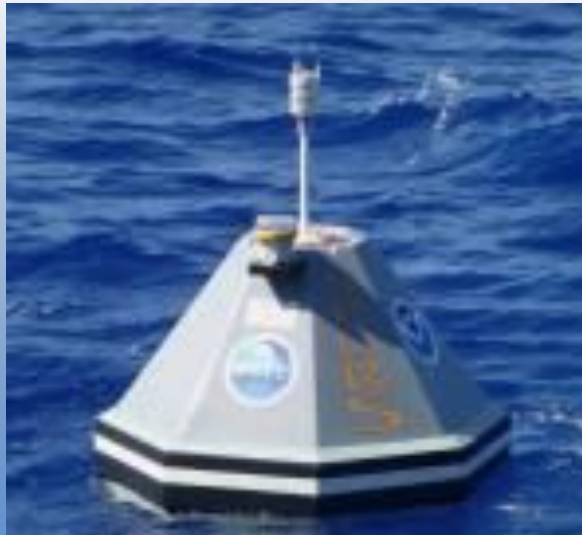


Dr. Gary Matlock
Deputy Assistant
Administrator for Science

Oceanic & Atmospheric Research (OAR) Organization 04-11-2021



OAR'S VISION & MISSION



**Deliver NOAA's
Future**

VISION

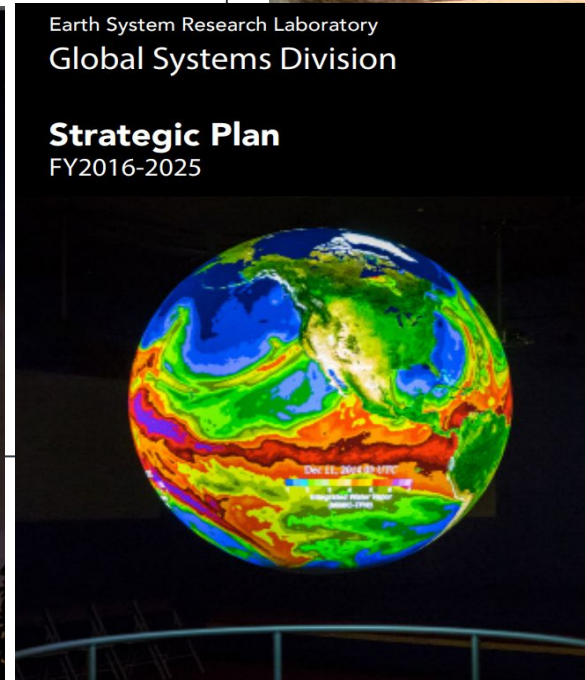
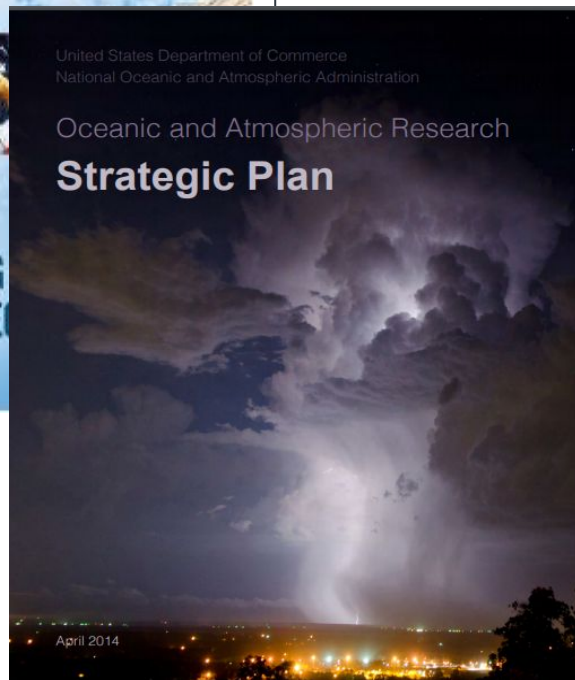
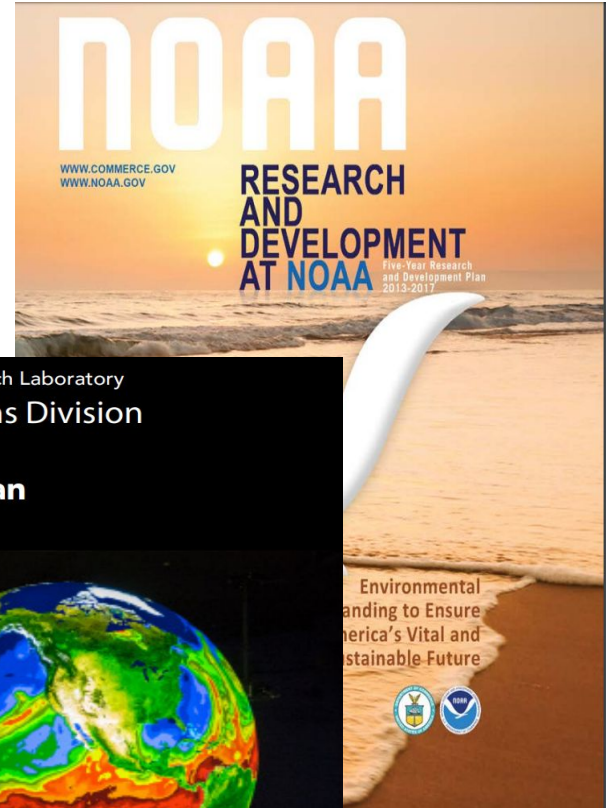
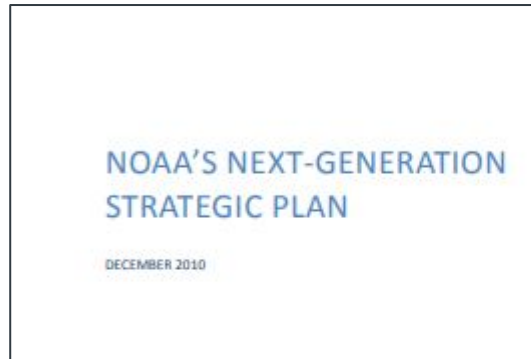


**Conduct research to understand
and predict the Earth system;
develop technology to improve
NOAA science, service, and
stewardship; and transition the
results so they are useful to
society.**

MISSION



2014-2020 Strategic Documents





NAO 216-115A: RESEARCH AND DEVELOPMENT IN NOAA

Issued 10/3/2016; Effective 10/3/2016; Last Reviewed: 11/27/2018

Attachments

- » [View NAO 216-115A](#)
- » [Handbook](#)

SECTION 1. PURPOSE

.01 As a science-based services agency, The National Oceanic and Atmospheric Administration (NOAA) maintains a robust, high quality research and development (R&D) portfolio that continually improves NOAA's products and services in response to:

1. Growing demand for new and improved services;
2. Changes in NOAA's mission needs in response to evolving environmental conditions, the Legislative, Judicial and Executive branches;
3. Emerging understanding of the dynamic Earth system and its ecosystems;
4. Innovations in R&D methods, tools and approaches; and
5. NOAA's role in cooperative environmental research and management efforts.



Office of Oceanic & Atmospheric Research Delegations & Directives

CIRCULAR NUMBER: 216-3

Effective: March 10, 2021

SUBJECT: OAR Laboratory and Program Science Evaluations

SECTION 1. PURPOSE

This policy establishes the authorities and responsibilities for managing regular and recurring science evaluations of the quality, relevance, and performance of individual programs and laboratories to evaluate their success in achieving intended outcomes through research, development, and transition activities conducted by and through National Oceanic and Atmospheric Administration's (NOAA) Office of Oceanic and Atmospheric Research (OAR) laboratories and programs.

SECTION 2. BACKGROUND

This policy supersedes OAR 001.07, dated July 23, 2007 and OAR 216-3, dated March 27, 2015. This policy has been updated to revise roles and responsibilities to conform to current OAR organizational structure. It complies with the requirements of NOAA Administrative Order (NAO) 216-115A, "Research and Development in NOAA," as well as the OAR mission and goals articulated in the OAR Strategy. OAR is the primary research and development (R&D) organization within NOAA. As articulated in OAR's Strategy, its mission is "to conduct

NOAA NAO 216-115A establishes the principles, policies, and responsibilities by which Research and Development (R&D) throughout NOAA can be continually reviewed, evaluated and rebalanced in light of evolving mission needs.

OAR CIRCULAR NUMBER: 216-3 establishes the authorities and responsibilities for managing regular and recurring science reviews.



HOW OAR USES REVIEW

Maintain consistency with NOAA strategic planning, budgeting & execution

Recognize lab scientists' leadership excellence & contributions in research fields

Identify equipment & facility challenges that hinder success

Locate communication strengths & weaknesses between labs/offices/leadership

Assist labs & programs in strategically planning future science



CHARGE TO REVIEWERS



QUALITY: Assess quality of lab's R&D



RELEVANCE: Assess lab's R&D relevance to NOAA's mission & value to Nation



PERFORMANCE: Assess overall effectiveness of lab's plans & R&D in meeting NOAA's Strategic Plan objectives & Nation's needs





OAR Goals Looking Ahead (2020-2026)



These goals reflect what OAR desires to achieve, where to focus activities, and, ultimately, how to improve the organization's ability to deliver NOAA's future.

<p>1</p> <h2>Explore the Marine Environment</h2> <p>Increase knowledge of the oceans, coastal areas, and Great Lakes to support resource management and public awareness.</p>	<p>2</p> <h2>Detect Changes in the Ocean and Atmosphere</h2> <p>Produce, analyze, and interpret observation records to understand the Earth system and inform the public.</p>
<p>3</p> <h2>Make Forecasts Better</h2> <p>Improve accuracy, precision, and efficiency of forecasts and predictions to save lives and property and support a vibrant economy.</p>	<p>4</p> <h2>Drive Innovative Science</h2> <p>Cultivate and deliver mission-relevant research to lead the environmental science community.</p>





GSL Leadership

Jennifer Mahoney is the Director of the Global Systems Laboratory





Thank You!

