



UNIVERSITY OF MIAMI

ROSENSTIEL SCHOOL of
MARINE, ATMOSPHERIC
& EARTH SCIENCE



Dean Search

Position Description – January 2025



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| Position | Dean, Rosenstiel School of Marine, Atmospheric & Earth Science |
| Organization | The University of Miami |
| Location | Miami, Florida |
| Reporting Relationship | Provost |
| Website | https://www.earth.miami.edu/ |

The University of Miami (UM) invites applications and nominations for the position of Dean of the Rosenstiel School of Marine, Atmospheric, and Earth Science. The dean will provide visionary leadership to foster a vibrant and innovative environment that drives excellence in research, education, and outreach across the School's five departments: Atmospheric Sciences, Environmental Science and Policy, Marine Biology and Ecology, Marine Geosciences, and Ocean Sciences. This leadership role is pivotal in enhancing Rosenstiel's national and international reputation as a premier institution in marine, atmospheric, and earth sciences.

The University seeks a dynamic and strategic leader with a demonstrated commitment to innovation, entrepreneurship, advancing academic and research excellence, building partnerships, and enhancing Rosenstiel's stature as a global leader.

ABOUT THE UNIVERSITY OF MIAMI

The University is one of America's top research universities located in one of the most dynamic and multicultural cities in the world. More than 19,000 students from around the world are pursuing their academic goals at UM, a vibrant and diverse community focused on teaching and learning, the discovery of new knowledge, and service to the South Florida region and beyond. Established in 1925, the university comprises 12 schools and colleges serving undergraduate and graduate students in nearly 350 majors and programs.

UM, a private university, is a member of the prestigious Association of American Universities (AAU). Only 3 percent of four-year institutions in the nation are invited to join the AAU, which recognizes breadth and quality of research and scholarship.

The mission of UM is to transform lives through education, research, innovation, and service. UM is committed to excellence, celebrates the diversity of its community, and is dedicated to shaping future leaders for the nation and the world.

THE ROSENSTIEL SCHOOL OF MARINE, ATMOSPHERIC & EARTH SCIENCE

The Rosenstiel School of Marine, Atmospheric & Earth Science is one of the premier research and education institutions of its type in the world. It is the only subtropical institute of its kind in the continental United States, comprising an academic community of more than 100 faculty members, 220 postgraduate students, 400 undergraduate students, and more than 310 staff. Through excellence in applied and basic marine, atmospheric, earth science and applied social



science research, the Rosenstiel School sheds light on today's most pressing environmental issues, including earth's biogeochemical cycle, fisheries, oceans and human health, hurricane prediction, climate change, and coral reefs, among others.

The Rosenstiel School's main campus is located on Virginia Key, Florida. It forms part of a specially designated 65-acre marine research and education park that includes two National Oceanic and Atmospheric Administration laboratories. The Rosenstiel School additionally operates a 78-acre advanced satellite reception and analysis center in southern Miami-Dade County.

To learn more about the Rosenstiel School at the University of Miami, visit <https://www.earth.miami.edu/>.

RESEARCH

As of 2023, the University of Miami's Rosenstiel School receives over \$60 million in annual external research funding. Examples of the world-class research topics pursued across the Rosenstiel School's five departments include:

Atmospheric Sciences

- Climate change modeling and prediction
- Tropical meteorology and hurricanes
- Tropical weather, climate and atmospheric/oceanic circulations
- Atmospheric chemistry, aerosols and marine cloud processes
- Field programs evaluating trace gas chemistry and transport

Environmental Science and Policy

- Climate change risks and response options to address flooding, extreme heat, wildfire, and other hazards
- Climate change disinformation and propaganda by fossil fuel interests
- Socioeconomics of natural disasters, climate change, fisheries, and coastal/marine management
- Behavioral ecology, conservation biology and movement ecology of sharks

Marine Biology and Ecology

- Coral reef research, focusing on basic and applied research to improve coral survival and enhance coral restoration under changing climate conditions
- The National Resource for *Aplysia* and the new Glassell Family Center for Marine Biomedicine
- Marine ecology, physiology, genomics, and biogeography
- Marine aquaculture

Marine Geosciences

- Geophysics, natural hazards, and remote sensing
- Modern and ancient carbonates and coral reefs
- Paleoclimatology and geochemistry

Ocean Sciences

- Coastal quality and its impact on human health
- Ocean currents and transport, and their role in climate change
- The marine carbon cycle and biogeochemical processes
- Remote sensing of waves and currents, advancing technologies for ocean imaging



DUTIES & RESPONSIBILITIES

Reporting to the provost, the dean is responsible for shaping and advancing the mission of the Rosenstiel School of Marine, Atmospheric, and Earth Science, and maintaining an inclusive and productive environment for faculty, students, and staff. The ideal candidate will be the School's principal representative with authority over strategic and administrative decisions. The dean will work collaboratively with faculty, specialists, and administrative staff to fulfill the following key duties and responsibilities:

- Provide visionary and strategic leadership to elevate the Rosenstiel School's scientific and societal prominence across the departmental sciences on national and global stages.
- Exhibit a deep appreciation of the need for interdisciplinary research and scholarship, prioritizing both natural and social sciences.
- Leverage research, teaching, and service to advance the Rosenstiel School's mission and reputation through innovative scholarship, impactful education, and transformative outreach and engagement programs.
- Develop and enhance undergraduate and graduate research, learning, and on-campus experiences, fostering opportunities for students to engage in cutting-edge scientific inquiry and receive a world-class education in state-of-the-art facilities.
- Innovate to better connect undergraduate programs across the Rosenstiel School and the University to equip students with the skills and resilience matched to the needs and opportunities of our current times.
- Mentor and evaluate faculty development in collaboration with department chairs to ensure academic and professional growth.
- Foster a culture of shared governance and equity that prioritize open-door policies, transparent decision-making, inclusivity, collaboration, creativity, and mentorship, to create an environment where all individuals can thrive.
- Articulate a vision for navigating political challenges emerging on and off campus, especially as they relate to climate change and creating a culture of belonging and inclusive excellence'
- Oversee the Rosenstiel School's budget to ensure strategic and fiscally responsible resource allocation in support of the School's goals.
- Strengthen the impact of research centers and independent research, aligning their work with the Rosenstiel School's mission and expanding outreach and visibility.
- Lead major grant acquisition, development, fundraising, and financial planning efforts to increase the Rosenstiel School's endowment, secure resources for programs and priorities, and establish a more predictable and sustainable financial model that enhances the Rosenstiel School's ability to execute large projects.
- Sustain and enhance Rosenstiel School's campus in the decades ahead, ranging from its interactions with the main campus to its infrastructural adaptation to sea level rise.

IDEAL PROFESSIONAL QUALIFICATIONS

- A visionary and strategic leader who has a demonstrated ability to inspire and motivate others.



- Ph.D. in a physical or life science discipline relevant to the Rosenstiel School’s academic and research mission. Irrespective of Ph.D. discipline, the candidate must exhibit an appreciation of interdisciplinary approaches and applied natural and social sciences.
- Significant, demonstrably successful experience, accomplishment and impact in research, including academic accomplishments as a scholar and teacher that meet the standards for a senior tenured appointment at the rank of Professor.
- Demonstrated excellence in teaching and published research, coupled with a strong commitment to student learning, faculty development, and the principles of shared governance..
- Skills in securing and allocating resources to provide quality undergraduate and graduate instruction, research, public engagement and outreach activities.
- Success in securing and managing extramural government and private funding. This should include a demonstrated understanding of how funding landscapes differ across natural and social science disciplines.
- Proven experience in research and administrative leadership, demonstrating a strong commitment to fostering a culture of belonging and inclusive excellence..
- Demonstrated ability to work with other deans and administrators in developing goals and programs.
- Demonstrated ability to build strong relationships, motivate and work effectively with faculty and staff.
- Organized and self-directed individual who is politically astute, collaborative, and free from conflicting agendas.
- Excellent oral and written communication skills, including active and empathetic listening and high emotional intelligence.

COMPENSATION

UM offers an attractive compensation and benefits package, commensurate with the successful candidate’s background and experience.

NOMINATIONS AND APPLICATIONS

Nominations and applications will be accepted until the position is filled. Interested parties are encouraged to submit applications by **March 10, 2025**. Applications should include a statement of interest and a curriculum vitae. All nominations, applications, and inquiries should be submitted electronically in confidence to:

Paul Chou, Senior Client Partner & John Elkerton, Managing Associate

UM-Rosenstiel@kornferry.com

Job descriptions are not intended, and should not be construed, to be an exhaustive list of all responsibilities, skills, efforts or working conditions associated with a job. Management reserves the right to revise duties as needed. The employee is ultimately responsible for informing management of their training needs and attending courses for professional development. Management reserves the right to advise on required training.

University of Miami is fully committed to Equal Employment Opportunity and to attracting, retaining, developing and promoting the most qualified employees without regard to their race, gender, gender identity, color, religion, sex,



sexual orientation, national origin, age, physical or mental disability, genetic information, citizenship status, veteran status, or any other characteristic prohibited by federal, state or local law.