



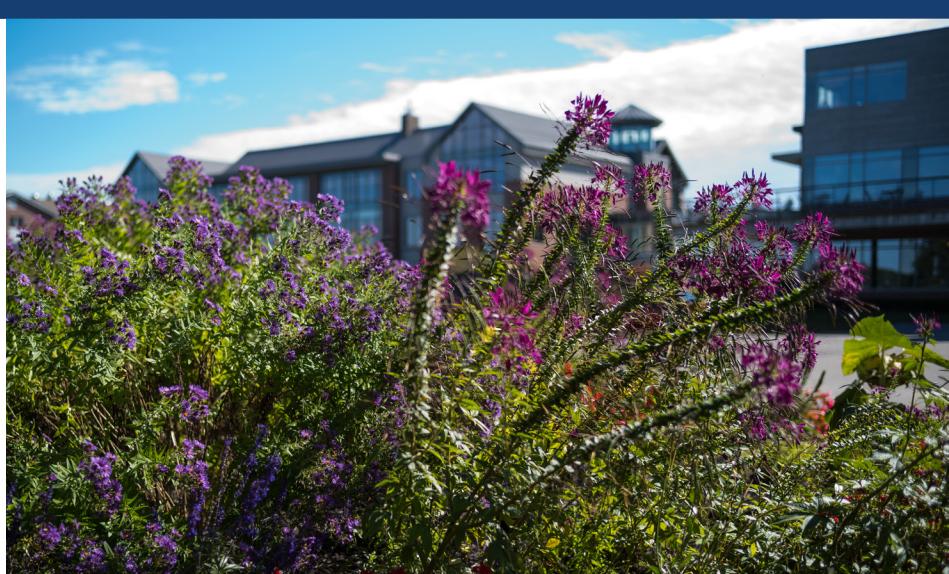
UNIVERSITY OF  
NEW ENGLAND

INNOVATION FOR A HEALTHIER PLANET

UNIVERSITY OF NEW ENGLAND

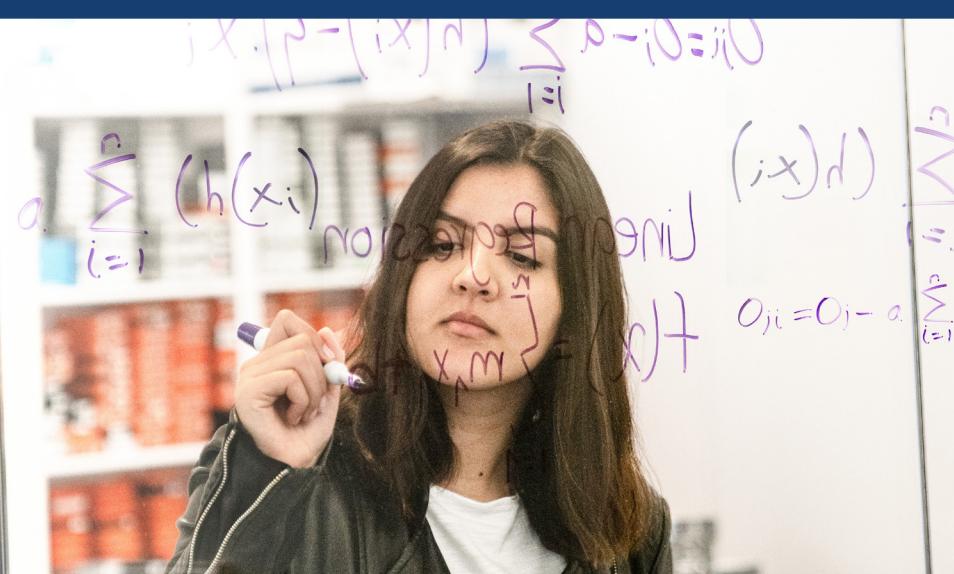
# **Director, School of Mathematics and Data Science, College of Arts and Sciences**

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|---------------------------|--|
| POSITION                  | Director, School of Mathematics and Data Science   |
| ORGANIZATION              | University of New England  |
| LOCATION                  | Biddeford Maine  |
| COMPENSATION              | The University of New England offers an attractive compensation and benefits package, commensurate with the successful candidate's background and experience.  |
| REPORTING<br>RELATIONSHIP | Dean, College of Arts and Sciences   |
| WEBSITES                  | <a href="http://www.une.edu">www.une.edu</a><br><a href="http://www.une.edu/cas">www.une.edu/cas</a><br><a href="http://www.une.edu/cas/schools/mathematics-data-science/about">www.une.edu/cas/schools/mathematics-data-science/about</a> |



## THE OPPORTUNITY

The University of New England (UNE) is seeking dynamic and visionary candidates for the role of Director of the School of Mathematics and Data Science (SMADS) within the College of Arts and Sciences (CAS). SMADS is currently home to majors in Data Science, Mathematics, and Statistics, along with minors in Computer Science, Data Science, Mathematics, and Statistics. This is a unique and exciting opportunity for a forward-thinking leader to redefine the School's future through strategic visioning and innovative program development, including the launch of new undergraduate and graduate offerings. The Director will be instrumental in crafting and implementing cutting-edge curricula, enhancing the diversity and reach of academic programs, and driving growth in student enrollment across all levels. A top priority will be to ensure that our programs are not only aligned with current workforce demands but also at the forefront of industry trends, especially in the rapidly evolving field of Artificial Intelligence (AI). In addition to program development, the Director will lead efforts to recruit and mentor outstanding faculty, cultivate a collaborative and inclusive academic culture, and champion faculty excellence in teaching, research, and service. This role offers a comprehensive 12-month administrative appointment paired with a 9-month tenure-track faculty position at the rank of Associate Professor or Professor. The successful candidate should start at UNE no later than July 2026.



## ABOUT THE SCHOOL OF MATHEMATICS AND DATA SCIENCE

The University of New England's School of Mathematics and Data Science is a dynamic and collaborative academic community preparing students for career success. The School explores the growing influence of data and quantitative approaches across disciplines, from algorithms that analyze financial systems to technologies that improve health outcomes through data integration. Students gain in-demand skills and the ability to leverage cutting-edge technology to excel in their disciplines.

Established through a significant transformation in 2024, the School offers three Bachelor of Science majors: Applied Mathematics, Data Science, and Statistics, and four minors are available in Applied Mathematics, Data Science, Statistics, and Computer Science, providing flexibility for students pursuing multiple degrees or combinations.

The School provides students with access to cutting-edge facilities including the P.D. Merrill Makerspace in Decary Hall, featuring fabrication labs with laser cutters, 3D printers, and electronics stations, plus design labs with high-performance computing for AI, connected device applications, and digital prototyping. The Sustainable Innovation Center in the Arthur P. Girard Marine Science Center offers additional computing resources, data visualization tools, and GIS mapping software for interdisciplinary collaboration. Students master industry-standard tools including Python, R, SQL, MATLAB, SAS, and Tableau through curriculum designed around real-world applications, including finance, health care, and technology sectors.

Faculty research spans diverse applications including statistical modeling of health outcomes, applied mathematics in fluid dynamics and parasitology, and mathematical modeling in marine environments and other disciplines. The School's interdisciplinary integration creates research opportunities with UNE's health sciences, marine sciences, and business programs, including health care analytics, marine species tracking, and environmental monitoring systems development. Across the University, 46% of UNE undergraduates work with faculty on research projects, more than double the national average.

The completion of UNE's \$93 million Harold and Bibby Alfond Center for Health Sciences triggered extensive campus renovations, freeing substantial space on the Biddeford Campus for program expansion in computer science, statistics, and data science. Current renovation projects include the Alfond Center for Arts and Sciences (2025-27) and the recently completed Sustainability Innovation Center in Girard Marine Science Center, specifically supporting quantitative programs with modern facilities and technology infrastructure.

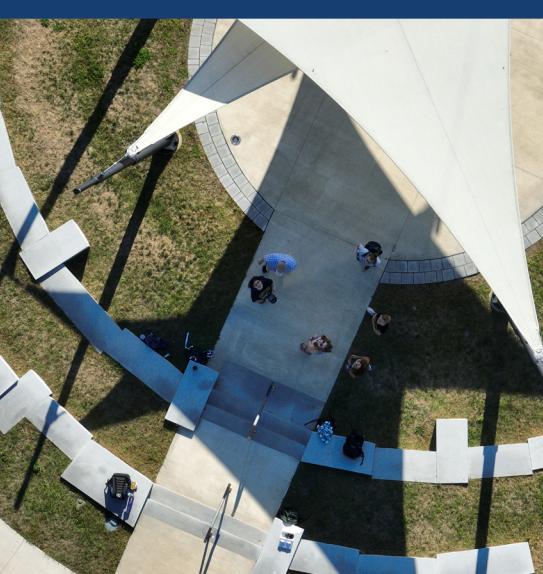


## ABOUT THE COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences (CAS) at the University of New England is the institution's largest and most comprehensive academic unit, exemplifying UNE's commitment to providing a transformative education. With over 33 majors, 35 minors, and four master's programs spanning the humanities, arts, education, natural sciences, social sciences, and interdisciplinary studies, the College is a first-choice destination for students, faculty, and professional staff. With a remarkably diverse and balanced curriculum, including robust applied and experiential options, UNE students graduate prepared for professional and personal success.

CAS offers a vibrant and supportive environment for faculty who are passionate about research, teaching, and interdisciplinary collaboration. Faculty in CAS engage in scholarship across the natural sciences, social sciences, humanities, and arts. CAS faculty benefit from a collegial atmosphere, peer mentoring, and a commitment to teaching excellence, as well as support from the Office of Research and Scholarship, which assists with funding, training, and infrastructure needs. Facilities include specialized labs in Morgane Hall, the Girard Marine Science Center, and the Pickus Center for Biomedical Research, offering state-of-the-art resources for both faculty and student research. Looking ahead, the upcoming Harold Alfond Center for Arts and Sciences will bring major renovations and new spaces designed to foster collaboration, creativity, and innovation. Experiential learning is a hallmark of UNE's educational model, with undergraduates encouraged to enhance their classroom knowledge through research projects, internships, creative pursuits, and global study opportunities. No matter their discipline, students collaborate one-on-one with faculty mentors to create new knowledge and present original work. Interdisciplinary collaboration across programs is embraced. This immersive approach prepares CAS graduates for success in dynamic careers and top graduate programs upon earning their UNE degrees.

CAS faculty invest deeply in their students' growth as intellectuals, professionals, and civically engaged citizens. Our innovative teaching methods balance traditional and modern pedagogies, incorporating field work, labs, independent research, and global learning experiences. CAS graduates are intellectually curious, globally aware leaders with the creativity, ethical grounding, and passion to drive positive change.



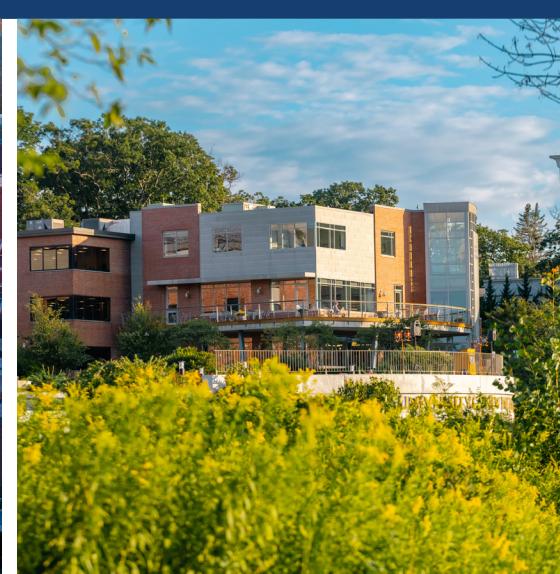
## KEY RESPONSIBILITIES

The Director will be responsible for articulating and implementing a vision focused on growth, academic excellence, and innovation, grounded in data, sound judgment, and a strong commitment to student success. The Director will supervise and mentor all faculty and professional staff within the School and lead strategic initiatives related to program development, recruitment, academic advising, retention, and assessment. They will also teach courses aligned with their expertise and are expected to maintain an active research agenda that significantly contributes to their field, including disseminating peer-reviewed scholarly work and pursuing external funding as appropriate. As the chief academic and administrative officer of the School, the Director will work to advance the missions of the School, College, and University. They will promote excellence in teaching, learning, scholarship, and service while advocating for the interests of faculty, professional staff, and students.

UNE and CAS are poised for further growth, and the next Director will play a crucial role by introducing new undergraduate and graduate programs and promoting interdisciplinary approaches. Although UNE is a comprehensive university, it has exceptional depth and breadth in healthcare and academic programs related to marine environments. Therefore, the next Director should possess the vision and skills necessary to develop and align courses and programs that complement UNE's existing strengths, such as data science and climate change. Additionally, the next Director should have sufficient fluency in AI to embed this rapidly evolving skill set into curricula to support student learning and career readiness.

## QUALIFICATIONS

Ph.D. in a discipline represented in the School or a related field. The ideal candidate has had at least three years of administrative experience in higher education at the level of assistant/associate department chair or above. Applications from candidates undertaking interdisciplinary research with broad potential for collaborative impact across the School, College, and University are especially welcomed. Curriculum development and assessment experience are expected, as is the ability to mentor students and faculty. The successful applicant will have a teaching and scholarly record that warrants appointment at the rank of Associate Professor or Professor at UNE.



## BACKGROUND INFORMATION

### **About the University of New England**

With roots dating to 1831, the University has evolved to become the largest independent university in Maine and one of the fastest growing private universities in the Northeast. UNE has established itself as a leading comprehensive university with particular strengths in the health sciences and marine sciences and a wide range of academic programs offered both onsite and online to just over 11,000 undergraduate, graduate, and professional students. UNE is guided by the core values of student-centeredness, community and belonging, relentless inquiry, interdisciplinary collaboration, learning everywhere, progressive change, and stewardship of our planet.

UNE's more than 70 undergraduate, graduate, professional, and online degree programs are offered through seven colleges – the College of Arts and Sciences, College of Business, College of Dental Medicine, Westbrook College of Health Professions, College of Osteopathic Medicine, College of Professional Studies, and Honors College. UNE is home to Maine's only medical school and only physician assistant program and to northern New England's only dental school. UNE's robust research agenda garners more NIH funding in biomedical research than any other college or university in Maine. UNE is located on two beautiful campuses in Maine – the coastal Biddeford Campus and suburban Portland Campus for the Health Sciences – and also has a unique study-abroad campus in Tangier, Morocco. UNE is regionally accredited by the New England Commission on Higher Education.

During a tumultuous time for higher education, UNE has bucked the trends, emerging from a global pandemic with robust enrolment numbers, a bold plan to move its medical college from Biddeford to Portland, and a host of new academic programs and student support initiatives designed to meet the workplace needs of an ever-changing economy. While many other institutions were content to merely keep their doors open during the pandemic, UNE's dedicated faculty and professional staff were determined to seize every opportunity during a time of much change and realignment for the industry. And guided by the recently refreshed Our World, Our Future strategic plan, UNE has done just that. As a result, the University's credit rating has recently been upgraded to A2 from Moody's Investor Services and A+ (with positive outlook) from Fitch Ratings.



UNE emphasizes welcoming and belonging, and meeting the needs of first-generation students while consciously immersing students in an environment that prioritizes viewpoint diversity. Indeed, one of UNE's distinguishing characteristics is its commitment to fostering a robust marketplace of ideas so that students may develop the respect for opposing viewpoints and intellectual curiosity needed to be productive participants in our increasingly polarized society. The University invites guest speakers to campus whose ideas span various ideological spectra and, through an array of interrelated programs, exposes students to multiple views on important topics, both inside and outside the classroom.

Perennially included on "best colleges lists" by *U.S. News & World Report*, *The Princeton Review*, *Forbes*, and others, UNE prides itself on its excellent student outcomes. It has recently been ranked first in Maine for value added by Brookings and first in Maine for job placement by *Zippia*. Meanwhile, UNE students enjoy an exceptionally low student-loan-default-rate of just 0.6% compared to 2.3% nationally. UNE's clinical programs also boast exceptional board pass rates, while the aspiring doctors in UNE's College of Osteopathic Medicine earn a residency choice match rate that is among the ten best in the country. For more information about these and other accolades, visit [www.une.edu/about/glance](http://www.une.edu/about/glance).

The College of Arts and Sciences (CAS) is located on UNE's waterfront Biddeford campus. One of UNE's six colleges, CAS has a primary focus on undergraduate education, but with plans to expand graduate offerings. CAS offers students a highly integrated learning experience that promotes excellence through interdisciplinary collaboration and innovation in education, research, and service.

UNE is a great place to work. We boast both a tight-knit community and access to a wide array of degree programs, research opportunities, and cultural events. UNE offers a generous, comprehensive benefits package to eligible employees and their dependents. The package includes varied health and dental plans; a retirement plan that includes up to an 8% match; extensive paid leave, including holidays, vacation, sick, and personal time; and educational benefits for both employees and dependent children. Please visit the Human Resources Benefits site — [www.une.edu/hr/benefits](http://www.une.edu/hr/benefits) — for additional information regarding UNE's fantastic benefits package.



### **About UNE President James D. Herbert**

James D. Herbert is the sixth president of the University of New England, serving since July 2017.

Under President Herbert's leadership, UNE has redoubled its commitment to collaborative, team-based clinical education; launched a slate of new undergraduate and graduate academic programs (both on-campus and online); expanded marine and health professions programs; and launched a business college.

During his tenure as president, UNE has also reorganized student support services to be more student-centric and expanded physical facilities on the Biddeford and Portland campuses, including new athletic facilities and a new home for Maine's only medical school. He has expanded UNE's connections with the regional business community and was recognized as a 2025 Business Leader of the Year by *Mainebiz*.

President Herbert has helped UNE to greatly improve its financial footing, as reflected by significant credit upgrades and the growth of the University's endowment. He has also significantly increased fundraising, including securing the largest gift in the University's history. These achievements are reflected in UNE's strategic plan, *Our World, Our Future*, which President Herbert implemented in 2018 and renewed in 2023.

As a champion of the academy as the ultimate marketplace of ideas, President Herbert founded a number of programs to encourage viewpoint diversity and civil, robust discourse on campus, including "The President's Forum," a moderated discussion series that facilitates discussion of timely topics to promote a deeper understanding of critical issues facing society.

Herbert arrived at UNE via Drexel University in Philadelphia, where he held several senior administrative positions, including interim provost and executive vice provost and dean of the Graduate College. He completed his undergraduate studies at the University of Texas at Austin and his M.A. and Ph.D. in clinical psychology from the University of North Carolina at Greensboro. His research interests include cognitive behavior therapy – including newer mindfulness and psychological acceptance-based models of behavior therapy, anxiety, mood, and eating disorders, remote internet-based treatment, and the promotion of evidence-based practice in mental health. He resides on UNE's Biddeford Campus with his wife, Lynn Brandsma, Ph.D., both of whom are highly engaged in campus life.



### About UNE Provost Gwendolyn Mahon

Provost Gwendolyn Mahon joined UNE in November 2022, bringing her passion for higher education and extensive leadership in the field to campus. As a first-generation college graduate, Provost Mahon is passionate about helping others access the opportunities that higher education has provided her and has a keen understanding of the importance of a student-centered philosophy and a community-engaged approach in higher education.

During her first year at UNE, Provost Mahon implemented several programmatic changes to enhance various academic programs. She has established new majors in Computer Science and Statistics, initiated the development of a faculty information system to better support and streamline the faculty reappointment, promotion, and tenure process, and made several organizational changes to enhance visibility and spur growth of key degree offerings. This includes the creation of the School of Education, School of Computer Science and Data Analytics, College of Business, and Honors College.

Prior to arriving at UNE, Provost Mahon spent 24 years at Rutgers University, where she filled multiple leadership roles, including dean of the Rutgers School of Health Professions. She holds a master's degree in medical genetics from the University of British Columbia, Vancouver, Canada, and a doctorate in biomedical science from Rutgers School of Graduate Studies. Her research is focused on molecular oncology, specifically signal transduction pathways involved in leukemogenesis and cell motility.



### **About UNE College of Arts and Sciences Dean Wesley Renfro**

Wesley Renfro, Ph.D., is the dean of the College of Arts and Sciences at the University of New England. He brings a decade of leadership experience in higher education, most recently serving as senior associate dean for academic affairs and strategic initiatives at Quinnipiac University in Connecticut. His background includes roles as associate dean at Quinnipiac University, director of core curriculum, and chair of the political science department at St. John Fisher University in Pittsford, New York.

As an international relations scholar, Renfro specializes in American presidents and U.S. foreign policy, with numerous publications on empire, presidential decision making, and strategy. His tenure at Quinnipiac University was marked by significant academic innovation and strategic growth, including the creation of 12 accelerated/dual-degree programs, seven new majors, and multiple undergraduate and graduate certificates addressing emerging fields.

Renfro holds a Ph.D. and a master's in political science from the University of Connecticut and a bachelor's degree in history and philosophy from Heidelberg University.



## About Life in Maine

The University of New England is located on two beautiful campuses in Maine — an oceanfront coastal campus in Biddeford and a vibrant health sciences campus in Portland, a city of great appeal and historic significance. With breathtaking scenery, a rich cultural environment, world-class dining, low crime rates, and classic New England charm, southern Maine provides an unparalleled quality of life. The quality of life is exemplified by safe towns and cities, top school systems, and a variety of highly accessible outdoor activities, from beaches to mountains. Whether one enjoys local shopping in Portland's Old Port, sampling unique breweries and distilleries in Biddeford, strolling the harbor-side trail on the Eastern Promenade, or hiking, sailing, skiing, or the arts, the area offers something for everyone. The Greater Portland region combines city living with small-town charm, frequently cited as one of the best cities in America to live and work.



## NOMINATIONS AND APPLICATIONS

Consistent with federal and state law and University policy, the University of New England is committed to the fundamental concept of equal opportunity for all of the members of the University community. The University prohibits and will not tolerate discrimination in employment, the provision of academic services, or in any other area of University life based on race, color, sex, physical or mental disability, religion, age, ancestry, national origin, sexual orientation, gender identity and/or expression, ethnicity, genetic information, HIV status, or status as a veteran. Prohibited bias factors will not be permitted to have an adverse influence upon decisions regarding students, employees, applicants for admission, applicants for employment, contractors, volunteers, or participants in and/or users of institutional programs, services, and activities.

## HOW TO APPLY

### [University of New England Career Opportunities | Director, School of Mathematics and Data Science](#)

Review of applications will begin immediately and continue until the position is filled. To apply for this position, please submit the following materials:

- Cover letter that includes a description of relevant experience, leadership style, teaching philosophy, and research interests
- Curriculum vitae
- Names and contact information for three professional references



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