Executive Director of the Genetics & Genomics Academy & Associate or Full Professor in Biological Sciences

The Position

The position of Associate Professor/Professor in Biological Sciences and Executive Director of the Genetics and Genomics Academy requires an experienced, innovative, creative, and collaborative leader with a strong background in genetics and genomics research. This individual will play a dual role, serving as a faculty member in the Department of Biological Sciences and overseeing the Genetics and Genomics Academy. As a Biological Sciences Associate/Full Professor, the key responsibilities of the individual include maintaining a productive research program and fostering synergy between genetics and genomics teaching and scholarship. In the role of Executive Director, under the Senior Vice Provost of University Interdisciplinary Programs, responsibilities encompass fostering interdisciplinary approaches, supporting graduate student training, developing courses, strengthening community engagement, and collaborating with various units to promote genetics and genomics understanding across NC State. They will oversee academic, administrative, development, partnership, and budgetary affairs for this academy; engage with faculty within this unit and throughout the university; and facilitate problem-oriented interdisciplinary research. Additionally, the Executive Director will work on broader fundraising objectives in collaboration with the Office of University Interdisciplinary Programs. They will work to build and promote innovation and collaboration as part of a team of academy leaders within the GGA and across the Academies and other programs and initiatives within the **Office of University Interdisciplinary Programs (OUIP)**.

How to Apply

Inquiries, nominations and applications are invited and may be directed to the Chair of the Search, Contact Info: Sid Thakur, Executive Director, Global One Health Academy, sthakur@ncsu.edu, 919.513.0729.

Confidential review of applications will begin in January 2024 and will continue until the position is filled. Candidates should provide a **resume** or **curriculum vitae**, **cover letter**, **one-page vision statement** for the future of the GGA, **research statement**, and the names and contact information of **three references**. References will not be contacted without prior knowledge and approval of candidates. These materials may be submitted online at https://jobs.ncsu.edu/postings/192709 (Posting Number: PG192982EP).

Genetics & Genomics Academy

The Genetics & Genomics Academy (GGA) leverages collaborations across research and training at NC State University to enhance our understanding of the genetic and genomic underpinnings of life on earth, to sustain biodiversity, and to enhance society. Genetics and genomics can no longer be seen as isolated specialties or programs. The GGA recognizes this, and its goal is to leverage NC State's rich legacy in genetics to connect and invigorate our unique strengths in the life sciences, and ultimately to drive excellence in interdisciplinary research and training. The GGA serves as a hub connecting more than 200 faculty who engage in genetics- and genomics-centered research or who use related tools in their research and training programs. Faculty within the GGA consider basic and applied questions, with a recognition of the land grant mission to bring genetics and genomics and its value to the people of the state, whether that is in the context of engagement, novel applications, comparative evolutionary approaches (and their applied benefits) or policy. The GGA also maintains a close partnership with the **Genetic Engineering and Society Center (GES)** at NC State. Through this partnership, the GGA enables the university to be a global leader in the consideration of the social, policy, and political dimensions of genetic engineering, but also genetics more generally. This partnership facilitates close connections between the GGA and social scientists and humanities scholars on campus.

The GGA is committed to:

1) growing **interdisciplinary research** that includes genetics and genomics by assisting faculty in novel collaborations in partnership with other academies and OUIP units
2) enhancing all interdisciplinary graduate training through the GGA's flagship **Genetics and Genomics Scholars Program** as well as through partnerships with other training programs
3) providing **undergraduates** across disciplines with opportunities to better understand genetics and genomics, and their societal impacts, in the service of students' career goals
4) assisting efforts to engage the public and stakeholders in the science of genetics and genomics and their impacts through **outreach & engagement**.

Department of Biological Sciences

The Department of Biological Sciences seeks to achieve outstanding research, teaching, mentoring, consulting and collaborations on campus and world-wide. It does so within a cohesive department, where all students, faculty and staff receive fair and equitable treatment. The Department of Biological Sciences within the **College of Sciences (COS)** helps set the bar on campus for interdisciplinary scholarship and supports many interdisciplinary units, including the Center for Human Health and the Environment and the Comparative Medicine Institute. COS also plays a key collaborative role in the Chancellor's Faculty Excellence Program clusters, including those in Bioinformatics, Data Driven Science, Emerging Plant Disease, Environmental Health Science, and Forensic Science. Please visit our **Sciences Strategic Plan** and the **College of Sciences Culture Charter** to learn more about these initiatives.

Office of University Interdisciplinary Programs

The newly launched **Office of University Interdisciplinary Programs (OUIP)** within the Office of the Executive Vice Chancellor and Provost oversees the programmatic planning and implementation of university-wide interdisciplinary programs and initiatives.

The office is closely aligned with Wolfpack 2030: Powering the Extraordinary, NC State's 2021-2030 Strategic Plan, and will advance all three pillars of the university's land-grant mission: excellent teaching, the creation and application of knowledge, and engagement with public and private partners. The portfolio of the office currently includes the following: The **Chancellor's Faculty Excellence Program**, the **Data Science Academy (DSA),** the **Genetics and Genomics Academy (GGA)**, the **Global One Health Academy (GOHA)**, the **Coastal Resilience and Sustainability Initiative**, **Entrepreneurship** activities and initiatives, The **Biotechnology (BIT) Program,** the **Integrative Sciences Initiative and Building**, **The Long View Project**, the **University-Museum Partnership**, the **Wicked Problems, Wolfpack Solutions**, and the **Shelton Leadership Center**. It also serves as the university liaison with the interdisciplinary **Plant Sciences Initiative.**

The academies work as a team to help spur interdisciplinary research, engagement, mentoring, and education across campus. Teams within the academies work in their subject domains, but also create novel approaches to interdisciplinarity that can be adopted more generally, and hence transcend those domains. Building on the strengths of the different interdisciplinary programs in the OUIP include a cutting-edge, **Interdisciplinary Professional Development Workshop series** for Graduate and Postdoctoral Scholars, an interdisciplinary summer internship program for undergraduate students in partnerships with Museums, and a pilot project with the Wicked Problems, Wolfpack Solutions and the GGA and GOHA academies to build a **Tiered Mentoring Program** in interdisciplinary research for incoming undergraduates to name only a few of the many synergistic programs within the OUIP.

About NC State

At NC State, we create prosperity for North Carolina and the nation. We began as a land-grant institution grounded in agriculture and engineering. Today, we are a pre-eminent research enterprise that excels across disciplines.

NC State is a powerhouse in science, technology, engineering and math. We lead in agriculture, education, textiles, business and natural resources management. We are at the forefront of teaching and research in design, the humanities and the social sciences. And we are home to one of the world's best colleges of veterinary medicine.

Our more than 36,000 undergraduate and graduate students learn by doing. They pursue original research and start new companies. They forge connections with top employers and serve communities local and global. Through it all, they enjoy an outstanding return on investment.

Whether it's Princeton Review ranking NC State among the nation's best values for universities, Money magazine naming it the No. 1 best college for your money in North Carolina, or U.S. News & World Report ranking NC State among the top 10 best values in public higher education, the university has many reasons to be proud.

Each year, NC State adds $6.5 billion to the statewide economy, equivalent to creating more than 90,000 new jobs. That represents a significant return on investment for the citizens of North Carolina in the form of research advances, innovative technologies, successful companies, skilled graduates and new jobs waiting for them.

Our 9,000 faculty and staff are world leaders in their fields, bridging the divides between academic disciplines and training high-caliber students to meet tomorrow's challenges. Together, they forge powerful partnerships with government, industry, nonprofits and academia to remake our world for the better. We expect everyone to share their talents, skills, time and effort to make NC State an environment of inclusive excellence for all.

About Raleigh and North Carolina

North Carolina's rapid growth makes the state a diversity leader and top spot for young professionals and families. Raleigh reflects statewide growth as a city on the rise:

- No. 3 among the best places to live in the U.S. (U.S. News & World Report, 2023)
- Top Tier of the best-performing economies in the U.S. (Milken Institute, 2023)
- One of America's top 10 recession-resistant cities (Smartasset, 2020)
- Among the top 10 "Best Cities to Move to Right Now" (Curbed, 2020)

With Durham and Chapel Hill, the capital city anchors the Research Triangle, a national hotspot for high-tech enterprise. The region's top companies — including IBM, Cisco Systems, SAS Institute, Biogen Idec and GlaxoSmithKline — rank among the country's best employers. NC State also maintains strong agricultural partnerships with Bayer, BASF and Syngenta, companies that lead the way in hiring new NC State graduates.

Celebrating its 136th year in 2023, NC State continues to make its founding purpose a reality. Every day our career-ready graduates and world-leading faculty make the fruits of learning, discovery and engagement available to people across the state, throughout the nation and around the world.

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. Individuals with disabilities requiring disability-related accommodations in the

application and interview process are welcome to contact 919-515-3148 to speak with a representative at the Office of Institutional Equity and Diversity.

If you have general questions about the application process, you may contact Human Resources at (919) 515-2135 or workatncstate@ncsu.edu.

Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. Degree(s) must be obtained prior to start date in order to meet qualifications and receive credit.

NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.