



Christopher Taylor

Professor

Full Professor and former department chair in molecular biology with 22 years on the tenure ladder. PI on continuous NIH R01 funding since 2009, with 94 peer-reviewed publications and 3 issued patents. Elected fellow of the American Academy of Microbiology.

CONTACT INFORMATION



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Chapel Ridge, NC 12345

EDUCATION

PhD in Molecular Biology, Yale University, 1999

BS in Biochemistry, summa cum laude, University of Michigan, 1993

KEY SKILLS

- NIH grant writing (R01, R21, P01) and study section review
- Bacterial genetics and ribosome biology
- Cryo-EM and X-ray crystallography of macromolecular complexes
- CRISPR-Cas9 genome editing in microbial systems
- RNA-seq, ribosome profiling, and computational data analysis
- Laboratory leadership and PhD/postdoc mentorship
- Departmental administration and faculty recruitment
- Peer review for Cell, Nature Microbiology, and PNAS
- Graduate and undergraduate curriculum development
- Biosafety oversight (BSL-2 and BSL-3 protocols)
- Scientific advisory board service and industry collaboration

PROFESSIONAL EXPERIENCE

PROFESSOR OF MOLECULAR BIOLOGY | CAROLINA HEIGHTS UNIVERSITY, CHAPEL RIDGE, NC

2015 – PRESENT

- Direct a 14-person lab studying ribosomal regulation in bacterial pathogens; current NIH R01 portfolio totals \$2.4M in active direct costs
- Served as department chair from 2018 to 2023; hired 7 tenure-track faculty and grew sponsored research expenditures by roughly 45%
- Senior author on 38 papers since promotion, including 6 in Cell, Molecular Cell, and PNAS
- Chair the institutional review committee for the campus biosafety program
- Mentor 5 doctoral students and 3 postdocs; trainees have moved into faculty roles at MIT, Duke, and the NIH

ASSOCIATE PROFESSOR OF MOLECULAR BIOLOGY | CAROLINA HEIGHTS UNIVERSITY, CHAPEL RIDGE, NC

2009 – 2015

- Earned tenure in 2012 and promotion to Associate Professor in 2013
- Secured first R01 award in 2009 and a competing renewal in 2014
- Co-founded the campus structural biology core facility, now serving 40+ labs
- Graduated 4 PhD students during this period
- Awarded Pew Scholar in the Biomedical Sciences (2010)

ASSISTANT PROFESSOR OF MOLECULAR BIOLOGY | CAROLINA HEIGHTS UNIVERSITY, CHAPEL RIDGE, NC

2003 – 2009

- Built the Whitfield Lab from a startup package of approximately \$850,000
- Published first independent papers in Molecular Microbiology and Journal of Bacteriology
- Trained 2 graduating PhD students and 6 undergraduate researchers
- Taught BIO 410 (Microbial Genetics) and a graduate seminar on antibiotic resistance

POSTDOCTORAL FELLOW | HARVARD MEDICAL SCHOOL, BOSTON, MA

1999 – 2003

- NIH F32 postdoctoral fellow in the lab of Dr. Susan Park

- Conference organization and invited keynote presentation

- First-authored paper in Cell on ribosomal rescue pathways (2002)
- Mentored 3 rotating graduate students through the BBS program
- Presented at the annual Cold Spring Harbor Molecular Genetics of Bacteria and Phages meeting