



Colin T. Martin

Patent Technical Specialist

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OVERVIEW

Colin Martin is a patent technical specialist in the firm's IP Procurement and Portfolio Management practice group. Prior to joining the firm, Colin served as a research assistant at Carnegie Mellon University where he executed the synthesis, purification, and characterization of peptide nucleic acid oligonucleotides and investigated methods of cellular delivery as a potential therapeutic strategy for the treatment of rare genetic diseases.

PROFESSIONAL BACKGROUND

Colin is a recent graduate of Carnegie Mellon University where he earned his doctorate and masters degrees in Chemistry. Colin wrote his doctoral thesis titled, "Strategies for Sequence-Specific Targeting & Delivery of γ PNA in Human Cellular Systems." Working under Head of Chemistry Dr. Bruce Armitage, Colin investigated novel methods for delivering a synthetic oligonucleotide called gamma-Peptide Nucleic Acid (γ PNA) into cells as a means of treating rare genetic diseases and cancer. Additional collaborations with the University of Pittsburgh investigated how γ PNA could be adapted to efficiently deliver into the mitochondria of human cells.

Throughout his studies at Carnegie Mellon, Colin served as a teaching assistant for the Department of Chemistry. Colin spent four semesters teaching Introduction to Modern Chemistry under Dr. Leonard Vuocolo and two semesters teaching Organic Chemistry I and II under Dr. Gloria Silva. Colin's consistent dedication to his students earned him the Hugh D. Young Graduate Student Teaching Award in 2025, the Mellon College of Science's highest teaching honor for graduate students.

Colin also holds a master's degree in Secondary Education from the Citadel in Charleston, SC. His passion for teaching led him to a local Charleston county high school where he taught Honors biology to students. Colin was the recipient of the 2020 Colonel Charles E. Hirshey Award for his performance as a student and his promise as a future educator.

ACHIEVEMENTS

- Hugh D. Young Graduate Student Teaching Award, 2025
- Graduate Student Award for Excellence in Education, 2023

- Gordon Research Conference Poster Prize, 2023
- Colonel Charles E. Hirshey Award, 2020
- Southern Conference Commissioner's Medal, 2018

PROFESSIONAL / CIVIC ACTIVITIES

- Academic Cloud Lab Development Committee, February 2023-August 2025
- Ambassador, Graduate Student Assembly, September 2020-August 2025

EDUCATION

- Ph.D., Carnegie Mellon University, 2025 (*Chemistry*)
- M.S., Carnegie Mellon University, 2022 (*Chemistry*)
- M.S.Ed., The Citadel, 2020 (*Secondary Education*)
- B.S., University of Michigan, 2018 (*Biomolecular Science*)

AREAS OF FOCUS

- IP Procurement and Portfolio Management