

Peter Parker

CONTACT	Address: 20 Ingram Street, Forest Hills, Queens, New York City, 11375
INFORMATION	E-mail: peter.parker at esu dot edu
EDUCATION	Empire State University , New York City, NY <ul style="list-style-type: none">• B.S. in Physics Sep. 2023 - Present Midtown Science High School , New York City, NY <ul style="list-style-type: none">• High School Diploma May. 2023<ul style="list-style-type: none">▸ GPA: 4.0/4.0▸ Graduated with Honors
HONORS AND AWARDS	First Place in the New York City Math League (NYCML) Oct. 2022 Norman Osborn Scholarship Feb. 2022 Best Student Photographer Award Feb. 2021
WORK EXPERIENCE	Empire State University <ul style="list-style-type: none">• Research Intern Jan. 2023 - Mar. 2023<ul style="list-style-type: none">▸ Worked under Dr. Curtis Connors' supervision on gene splicing and recombinant DNA to replicate stem cell regeneration in human tissue.▸ Conducted multiple successful trials on mice by fully re-growing lost limbs using advanced biochemical techniques such as polymerase chain reaction (PCR), gel electrophoresis, and CRISPR-Cas9 gene editing.▸ Collected and analyzed complex genetic data, utilizing bioinformatics tools to identify patterns and results. Maintained meticulous records of experimental procedures, results, and observations in lab notebooks and electronic databases for accuracy and reproducibility of research. Osborn Corporation <ul style="list-style-type: none">• Biochemical Research Intern May. 2022 - Aug. 2022<ul style="list-style-type: none">▸ Documented the genetic and behavioral found in the irradiated spiders. Joe's Pizza <ul style="list-style-type: none">• Pizza Delivery Service Jan. 2021 - Sep. 2021<ul style="list-style-type: none">▸ Delivered pizzas safely and courteously to customers throughout New York City, ensuring a high level of customer satisfaction.▸ Quickly resolved issues such as incorrect orders or late deliveries.
TEACHING EXPERIENCE	• From Classical to Quantum Mechanics, ESU, PSY 207 Spring'24 • AP Chemistry, Midtown Science High School Spring'24 • AP Physics 1, Midtown Science High School Fall'23
PUBLICATIONS	Peter Parker and Curtis Connors. A Novel Decay Rate Algorithm for Enhanced Material Decomposition in Bio-Organic Systems. <i>Journal of Advanced Biochemical Engineering</i> , 22(4), 547-580. February 2023.
SKILLS	<ul style="list-style-type: none">• Data analysis and web design (Python, R, JavaScript, HTML, Elixir)• RNA extraction (PCR)• Photography (Photoshop)