

Ritchie Tiger

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Biomedical Science and Biotechnology and Molecular Bioscience

EDUCATION

Bachelor of Science degrees, **Rochester Institute of Technology** expected May 20xx
Double Major, Biomedical Science and Biotechnology.

Key courses include; Genetic Engineering, Human and Medical Genetics, Clinical, Environmental and General Microbiology, Cell Physiology, Organic Chemistry, Anatomy and Physiology, Cellular and Molecular Biology, and Developmental Biology

HONORS AND AWARDS

Dean's List

Cumulative GPA 3.64

RIT Presidential Scholarship

LAB EXPERIENCE

8/xx-Present Lab Tech (**Rochester Institute of Technology, Rochester NY**)
Work in the lab of Dr. Name, first to understand and isolate chromosomes of cells treated with a cancer treatment drug, 5FU, and identify if PM53 is present by performing cross-linking chromatin immunoprecipitation. All end products are then used in qPCR to better study, and eventually sequence differences within the chromosomes from different test environments.

6/xx-8/xx Lab Tech (**Rockefeller University, NYC, NY**)
Work with Dr. Name in the lymphocyte and a doctorate student in her lab to study pseudouridine in rRNA of trypanosomes. Duties included passing cells, pipetting test samples for analysis, work with radioactively labeled probes, preparing gels, purifying, and extracting RNA, as well as learning BioPython computing language.

LAB SKILLS

- Pipetting
- Plasmid Ligation
- Nanodrop use
- Spectrophotometer use
- PCR and qPCR
- Gel Electrophoresis
- Plasmid purification
- Protein isolation
- RNA/DNA isolation and purification
- HIC column separation
- Petri dish / quad plating
- Bacterial transformation
- Restriction Digestion

WORK EXPERIENCE

8/xx - Present

Artesanos at RIT

Rochester NY

Provide quality customer service, prepare food.

MEMBERSHIPS

RIT Health Sciences & Technology Student Association, Treasurer
American Society for Biochemistry & Molecular Biology, Student Member
