Daniel Okafor

Graduate Teaching Assistant

Chemistry Ph.D. student with 2 years as a graduate teaching assistant in general chemistry and organic chemistry labs. Runs lab sections, grades in Canvas and holds weekly office hours, with a strong lab safety record and two years of prior tutoring experience.

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Experience

Graduate Teaching Assistant

08/2024 - Present

Olentangy State University, Department of Chemistry

Columbus, OH

Teaching appointment in the first-year and second-year chemistry lab program.

- Teach **4** general chemistry and organic chemistry lab sections of 24 students each semester.
- Write pre-lab lesson plans and short demos for titration, spectroscopy and gas law experiments.
- Grade weekly lab reports in Canvas within 5 days, applying shared grading rubrics with 6 other TAs.
- Enforce lab safety and chemical waste rules, with zero reportable incidents across 900+ student lab hours.

Chemistry Tutor (Part-Time)

09/2022 - 05/2024

Miami Valley Tutoring Center

Dayton, OH

Drop-in and scheduled tutoring for college and high school science students.

- Tutored 15-20 students a week in general chemistry, algebra and introductory calculus.
- Built practice problem sets on stoichiometry and equilibrium that **3** other tutors adopted.
- Ran small-group review sessions before exams, explaining problem-solving steps on the whiteboard.
- Tracked session attendance and topics for 120 students a term in the center's scheduling system.

Certificates

Laboratory Safety and Chemical Hygiene Training

08/2024

Olentangy State University Environmental Health and Safety

Skills

- General Chemistry
- Organic Chemistry
- Lab Safety
- Lesson Plans
- Grading Rubrics
- Canvas
- Office Hours
- Tutoring
- Communication

Education

Doctor of Philosophy (Ph.D.), in progress

05/2029

Olentangy State University

Columbus, OH

Chemistry