Kip Conwell, M.S.

Department of Biology 773-442-5736
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Education
B.A. Biology and Spanish, Knox College

M.S. Microbiology, Arizona State University
Research Thesis: Construction and Characterization of the Coumermycin Sensitive Virus Vaccinia Virus Del E3L GYR-PKR

Professional Experience
Biology Lab Manager, Northeastern Illinois University, 2008-Present
Direction of a 10 person team to deliver 30 weekly lab experiences for students. Two campus locations covering 30+ lab spaces. Consulting on 8 lab renovations including ADA compliance planning. Fiscal responsibility for laboratory equipment and supplies. Management of Greenhouse, Cadaver Lab, 3D Printing Lab, 10 Classroom Labs and 8 Research Labs.

College of Arts and Sciences Science Safety Officer and Science Safety Committee, 2008-present
Provide vision and leadership responsibilities including: Science Safety Training, Standard Operating Protocol Development, Lab Safety Audits, Regulatory Compliance, Potentially Infectious Medical Waste Disposal and Hazardous Chemical Waste Disposal.

Adjunct Instructor: Intro to Biology, Essential Skills in Biology, General Biology II, Microbiology
Teaching for Biology majors emphasizing hands-on lab experiences and technique development.

Patent and Publication
Conwell KD, Jacobs BL, White S, Langland J, Jancovich J, Kibler K., inventors. Arizona State University, assignee. METHOD FOR INSERTING GENETIC MATERIAL INTO GENOMIC DNA. United States 20140377870. 2014 December 25.

White SD, Conwell K, Langland JO, Jacobs BL. Use of a negative selectable marker for rapid selection of recombinant vaccinia virus. Biotechniques. 2011 May; 50(5):303-9. PubMed Central PMCID: PMC8240472.

University Service
Civil Service Council: 2024-present
University Advisory Council Executive Committee: 2025-present

Honors and Awards
Northeastern Illinois University Employee Excellence Award: 2017, 2020, 2023, 2025
National Science Foundation Fellow 2004 Science Down to Earth