

Christine E. Cutucache, Ph.D.

Christine E. Cutucache, Ph.D. is the Haddix Community Chair of Science and Assistant Professor of Biology at the University of Nebraska at Omaha (UNO) in the College of Arts and Sciences.



Hailing from Jackson, Wisconsin, Dr. Cutucache traveled to Nebraska to complete her education. She received her Bachelor of Science from the University of Nebraska at Kearney in 2008 and her Doctor of Philosophy in Genetics, Cell Biology, and Anatomy in 2012 from the University of Nebraska Medical Center. Dr. Cutucache worked as an Instructor at UNO from 2012-2014 and then was appointed the Haddix Community Chair and Assistant Professor of Biology in 2014.

Dr. Cutucache studies tumor immunology (specifically tumor-induced immunosuppression in B- and T-cell leukemias and lymphomas) as well as Discipline-Based Education Research (so called 'DBER'). She is interested in student-centered, inquiry-based practices to improve learning outcomes.

As an undergraduate, Dr. Cutucache was active in undergraduate research and now leads a productive laboratory filled with undergraduates, affording them the same opportunities. Dr. Cutucache teaches microbiology and cancer biology as well as courses to prepare graduate students and teachers to conduct DBER.

Dr. Cutucache leads an after school outreach program called NE STEM 4U to provide high-quality, engaging immersion experiences for youth in science, technology, engineering, and mathematics. A team of undergraduates (currently 50) implement the after school STEM lessons as part of their pre-professional training in 3 areas: teaching, research, and mentorship. The NE STEM 4U project is a collaborative project between the University and Community Partners and stakeholders.

During her tenure, Dr. Cutucache has secured \$6.7 million in funding, and has published 25 peer-reviewed articles on her research. She has delivered over 40 presentations on her work around the world with most including undergraduate research students as co-authors or co-presenters.