

Kelly Hogan, Ph.D.

Director of Instructional Innovation, College of Arts and Sciences. Senior STEM Lecturer in Biology at UNC-Chapel Hill

Chapel Hill, NC, US

Dr. Hogan has been reinventing UNC's largest classrooms with the implementation of groundbreaking, interactive teaching methods.

Since 2004, Dr. Hogan has been reinventing Carolina's largest classrooms with the development and implementation of groundbreaking, interactive teaching methods and technologies. Her approach centers on the philosophy that, with the right practice, everyone is capable of learning. Hogan also works with many of Carolina's faculty to help them reimagine their teaching and has shared her techniques with educators from institutions across the state and nation.

Her 2014 study comparing student achievement in classes with "low course structure" to those with "higher course structure" found that when traditional lecture courses were structured to be more interactive the achievement gap disappeared.

Hogan's work has received national attention in publications such as The New York Times, The Atlantic and The Washington Post and she has been recognized by her students through eight different campus, state and national awards for teaching, mentoring and advising, among them: The Pope Foundation for Higher Education Spirit of Inquiry Award (2011), the Carolina Women's Leadership Council Mentoring Award (2014), NACADA's 2015 Outstanding Advising Award for Faculty and The Tanner Award for Excellence in Undergraduate Teaching (2015).

Education/Learning

Interactive Teaching Techniques, Instructional Innovation, Teaching in STEM fields

NSF Research Coordination Network : Committee Member, National Association of Biology Teachers : Member, National Academies/HHMI Summer Institute on Scientific Teaching : Fellow

How I Increased achievement for all students in my introductory biology course
Lecture, Wayne County Community College System

Reforming 'Gateway' Science Courses through a Mentor-Apprentice Model
Transforming Institutions: 21st Century Undergraduate STEM Education

From Traditional Lecturer to Change Agent (2014)
Department of Developmental and Cell Biology

"Inclusive Teaching"
2013 Workshop leader for the National Academies Regional Summer Institute

Using online learning activities to transform the classroom experience (2010)
Shift+Control+TEACH Symposium

University of North Carolina at Chapel Hill

Ph.D. Pathology and Laboratory Medicine

The College of New Jersey

B.S. Biology

Tanner Award for Excellence in Undergraduate Teaching

A campus-wide award granted to Dr. Kelly Hogan in 2015.

Carolina Women's Leadership Council Faculty Mentoring Award

The Faculty Mentoring Awards, sponsored by the Carolina Women's Leadership Council, recognize outstanding men and women faculty members who go the extra mile to guide, mentor and lead — whether they mentor undergraduate students, graduate students, or junior faculty.

National Academies Education Mentor in the Life Sciences

Awarded to Dr. Kelly Hogan in 2012.

The Pope Foundation for Higher Education Spirit of Inquiry Award

This award was given in 2011.

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