

Dianne Grayce Kindel
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Objective:

I am looking for opportunities to broaden my experience in teaching undergraduate biology courses. My long-term goal is to teach undergraduate biology lecture and lab courses while mentoring undergraduates in independent research projects.

Education:

Duke University, Dept of Molecular Genetics and Microbiology
PhD Program, 1999-present
Graduation expected December 2006

University of Texas at Austin
BS Molecular Biology, BA Psychology, May 1999
Graduation with High Honors, College of Natural Sciences and College of Liberal Arts
Graduation with Special Honors in Dept of Zoology

Fellowship Award:

National Science Foundation Graduate Research Fellowship, 1999-2002

Teaching Experience and Training:

Preparing Future Faculty Program, Duke University, Fall 2002-present:
Coursework: Introduction to College Teaching (GS 302), Fall 2003

Certificate in Teaching College Biology (CTCB) Program, Duke University, Fall 2002-present:
Experience: Designed and presented lecture in Mendelian genetics to honors introductory biology class of CTCB faculty mentor, Dr. Francine Cuffney of Meredith College, Fall 2005
Coursework: Seminar in Teaching College Biology (BIO 390), Spring 2004

Research Mentor, Lab of Dr. Hubert Amrein, Duke University, Spring 2000-Summer 2004:
Direct supervision and mentorship of undergraduate work-study, honors, and summer research students in independent research projects in lab of PhD adviser, Dr. Hubert Amrein

Teaching Assistant, General Microbiology Lab (BIO 103L), Duke University, Spring 2003:
Responsible for one lab section associated with course lecture given by faculty member.
Designed and presented short lectures about concepts behind specific lab exercises, demonstrated lab procedures, supervised students for proper safety and technique during lab experiments, designed and graded quizzes, graded lab reports, and assisted instructor in grading course exams.

Research Experience:

Duke University, Dept of Molecular Genetics and Microbiology
Graduate Student, PhD Program, Lab of Dr. Hubert Amrein, Fall 1999-present

University of Texas at Austin, Dept of Zoology
Undergraduate Honors Research Program, Fall 1998-Spring 1999

Los Alamos National Laboratory
Summer Undergraduate Student Research Program, Summers 1995-96, 1998

University of California at Los Angeles
Summer Undergraduate Research Program, Summer 1997

Publications:

Kindel D and Amrein H, In prep, "A domain of MLE required for sequence non-specific binding of ds RNA in vivo is necessary for proper dosage compensation in males," (manuscript in preparation).

Kindel D and Amrein H, 2003, "Dosage compensation in Drosophila: A Ribonucleoprotein complex mediated transcriptional up-regulation," In: Non-coding RNAs, Barciszewski, J. and Erdmann, V.A. (eds.), Landes Bioscience, Georgetown, TX.

Kindel D and Amrein H, 2002, "Mislocalization of the RNA helicase MLE and male-specific lethality induced by expression of double stranded roX2 RNA." 43rd Annual Drosophila Research Conference, The Genetics Society of America.

Additional Training:

Technical Writing Workshop, Duke University, Dr. George Gopen, Spring 2004

Molecular Cloning Workshop, KT Biotechnology, Spring 2003

Professional Society:

Genetics Society of America, 2000-present

References:

Available upon request.