

Jessica L. Fry

Ph.D.



Courses Taught

First Year Courses

Introduction to Molecules & Cells
Intro to Molecules & Cells lab

2000 Level electives

Human Disease
Animal Behavior

3000 Level Courses

Cell Biology & Lab
Advanced Physiology & Lab
Junior/Senior Seminar

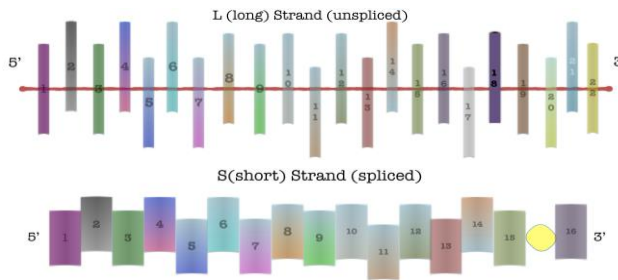
4000 Level Courses

Independent Research
Research Communication
Honors

Bio

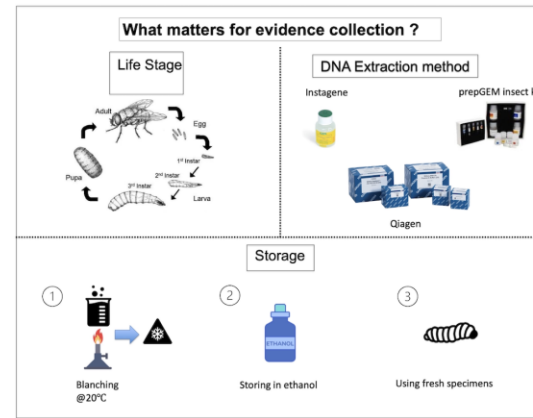
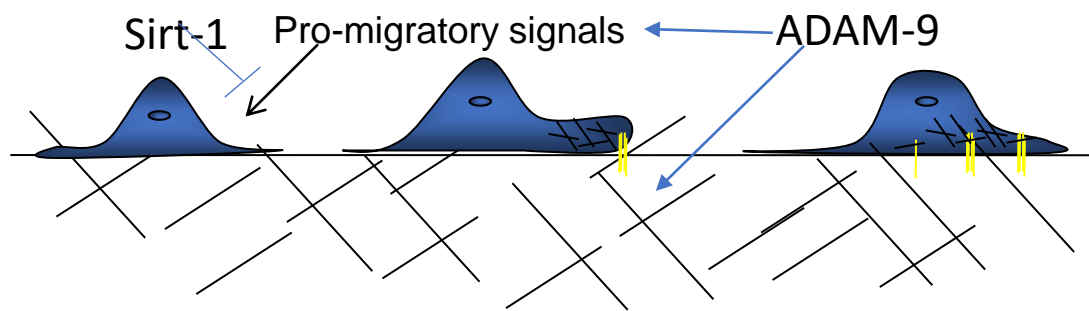
I'm an Associate Professor in my 9th year at Curry, and my favorite thing about teaching is watching students grasp complicated scientific ideas. My research passion is how cell function contributes to human disease, so I use molecular biology and biochemistry to ask cell biological questions that help us understand human physiology. I'm an Army Brat, I read a lot, and I am a certified dog trainer. My students will tell you my office is always open to them, my desk is always messy, and I always have good snacks.

Dr. Fry's Research



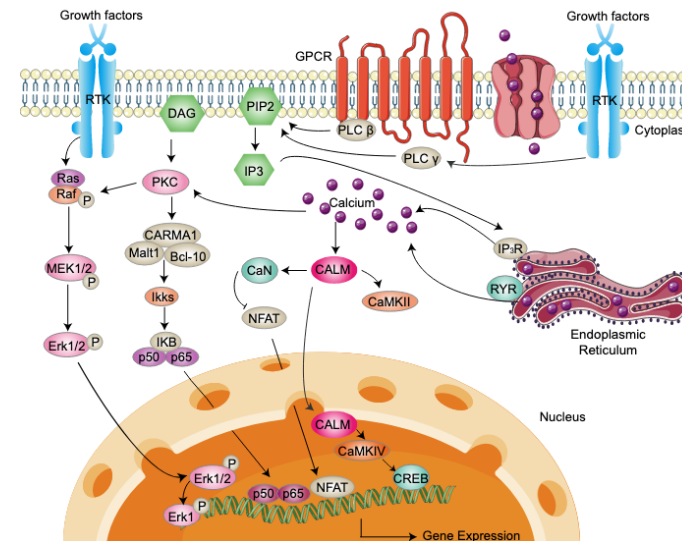
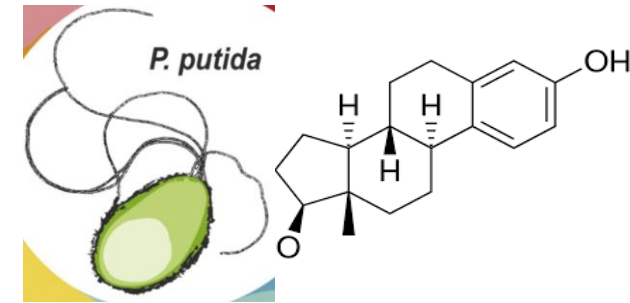
Identifying alternatively spliced isoforms of ADAM9 using qRT-PCR

The Molecular Mechanisms of Breast Cancer Cell Migration



Decoding how *Pseudomonas putida* degrades environmental estrogen
With Dr. Nowicki

Isolating mammalian DNA from maggots for the identification of remains
With Dr. Sawyer



Experimentally testing mathematical models of how low-frequency electromagnetic fields alter calcium dependent signaling pathways in the cell
With Dr. Kadar