

BIOL 625-002: Seminar in Genetics

Sex, Meiosis, & Recombination

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Why is sex so popular (biologically speaking)?

How do lonely chromosomes find suitable partners?

What happens when DNA strands engage in partner swapping?

We will address these and other pressing questions through critical analysis of both historically important and recent publications on meiosis, recombination, and sexual reproduction. Articles will be chosen to represent a variety of approaches, including transmission, population, and molecular genetics, cell biology, and evolution. Intended for graduate students who want to develop critical reading skills or learn more about these topics. This year we will read in depth in one area and the class will write a review article, which we hope to publish in a peer-reviewed journal.

Meeting time and place to be announced

We will meet once weekly, for 2-3 hours. In early January we will contact registered students to try to find a time that fits everyone's schedule. If you wish to participate but haven't registered, or don't plan to register, please contact Jeff Sekelsky at sekelsky@unc.edu.

