

Spotlight 4: Rori Rohlf

Please note that in general I have taken/adapted the words of our Spotlight subjects from their own websites to describe their work. I have done this in an effort to maintain accuracy in describing their research programs. Please do not copy paste text from their papers/websites in your assignments!



As part of our unit on neutral evolution and population genetics, we are going to explore the work of Rori Rohlf. Prof. Rohlf's lab addresses questions about genetic variation within and between species. She applies and sometimes develops statistical methods to ask questions about variation in genetic sequences and RNA expression of those sequences. Dr. Rohlf is a Professor at San Francisco State University.

Please read the following articles by Prof. Rohlf:

1. <https://genestogenomes.org/understanding-our-eugenic-past-to...>
2. <https://www.genetics.org/content/211/2/363>

Also watch the following short video:

1. <https://www.youtube.com/watch?v=xpmlVuRPiRA>

Written Assignment

After reading Rori Rohlf's articles and watching the video, write a reflection (max one page) on what you discovered. You might wish to address some of the following:

1. What was most interesting to you in reviewing these resources?
2. What did you learn from these resources about the detection of relatives using genetic data, or the origins of population genetics as a field?
3. What new questions do you have after reviewing these resources?
4. What do these resources tell you about the types of people that do computational biology, or their motivations?