# Optimizing Models of Dual-Specificity Phosphatases (DSPs)

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# **Project goals**

• Run DOCK with the tertiary structures of DSP's modeled by students from PRIME 2011 to determine how well ligands bind to the models

 Run AMBER to generate another list of binding scores

## **Project Progress**

Continued running AMBER for SSH-1

Located problematic files in AMBER

 Look into writing a script to expedite the process

#### Next week's goals

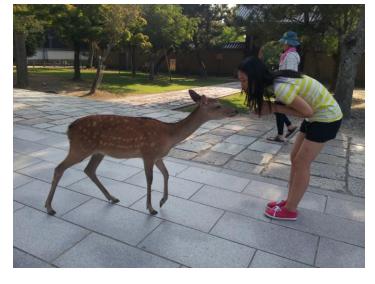
Finish running AMBER on SSH-1

# **Culture in Japan**











#### Major successes and roadblocks

 Major source of frustration: when our scripts didn't run correctly and we had to figure out what went wrong

• Major success: We work well as a team; when one person has problems with one part of a program, the other two people can back him/her up

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