GARRETT CHAN

MARKOV STATE MODEL
CONSTRUCTION THROUGH
KEPLER WORKFLOWS

NATIONAL TAIWAN UNIVERSITY TAIPEI

Progress Made This Week

- Identified several inconsistencies in the BuildMSM.kar workflow
 - Workflow did not allow for several systems to run at the same time
 - Attempted to run workflow with multiple systems, still a work in progress
- Removed several unnecessary components from the file copying workflow
 - This should make file copying faster

Plans for the Next Few Weeks

- □ Finish removing unnecessary sections of the file copy workflow
 - □ Create a possible second workflow to accommodate a more streamlined file copying process
- Move the aligning workflow up to better manage the workflow sequence
- □ Finalize the structure of the BuildMSM.kar workflow to bring it in line with the structure of the other workflows
 - Redo the second half of the workflow and resolve several errors

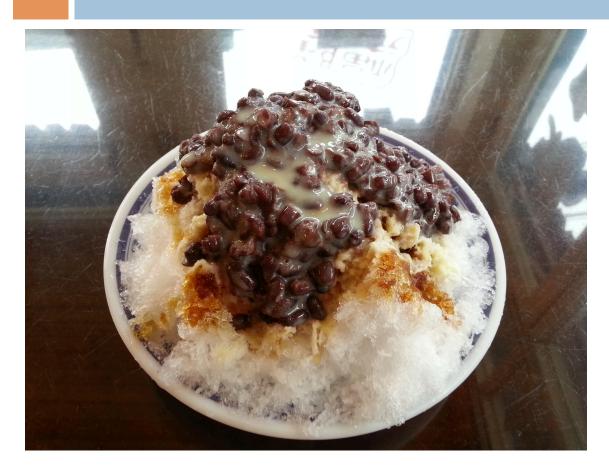
I didn't know Taiwan had such great beach towns



Above: This is the cute little town of Fulong Right: And this is their large, sandy, perfect beach



Delicious summertime food



I'm so glad I'm learning Mandarin, because I was able to order hongdou niunai baobing (red bean and sweet milk shaved ice). Zhajiangmian, noodles with fried soybean and meat sauce, which tastes good any time of the year.



A Big xièxie To:

- The Ledell Family for their generous scholarship
- Professor Rommie Amaro and Professor Jung-Hsin
 Lin for being a gracious host
- Dr. Robert Malmstrom, for his guidance on MSM construction
- Teri Simas, Dr. Gabriele Wienhausen, and everyone at PRIME who made this program possible