I am planning on using this opportunity to extend my current research. What I currently do is simulations of dynamic service composition on distributed sensor networks for Professor Szymanski. I would like to extend this by modeling the sensors as Actors and re-implement the simulation in SALSA. I would like to see just how much this speeds up my simulations beyond the currently single-threaded implementation I have, or even beyond what I have done with it and pthreads.