

# EECS 578 Correct Operation for Processors and Embedded Systems







# **Efficient Execution of MapReduce Applications** on Irregular NoC Topology Abraham Addisie, Meghan Cowan, Milind Furia, Helen Hagos







# **Conclusions and Future Work**

## Conclusions

- Irregular network topologies can cause inefficient execution of data-intensive applications.
- > Load balancing based on a node's connectivity can improve performance in a broken mesh.

## • Future Work

 $\succ$  Evaluate our load balancing algorithm for more workloads.