• **Objective:**
  » Validate NEMO 5 transport simulations implemented by H.-H. Park

• **Approach:** (with H.-H. Park, Z. Jiang)
  » Compare simple examples with literature
  » Compare RTD example with NEMO-1D
  » Compare UTB example with OMEN

• **Results / Impact:**
  » Exact agreement with Datta 2000 for a n+/n/n+ structure
  » Exact agreement with NEMO-1D for a multiphysics RTD simulation
  » Approximate agreement with OMEN for a UTB simulation (differences in sim. structure?)