Title

Introduction and significance (~1-1.5 pages)

* ends with 1 sentence apiece for Aim 1, Aim 2, Aim 3

Background (~1-1.5 pages)

Research Strategy (~4 pages each)

* Aim 1
  + Develop a physiologically relevant rat hindlimb model
    - The muscle attachments
    - The muscle parameters
    - The moment arms
* Aim 2
  + Calculate muscle forces for the muscles
  + Use the forces to determine motorneuron activations
  + Create large scale SNS networks to accommodate the expanded musculature
  + Coordinate walking using the expanded SNS network
* Aim 3

Broader Impacts of Proposed Research