1.4 NetLogo Basics

Heckman Library 406C

Eric Araújo, and **Jonathan Hill**

---

1. 🖥 Session A (Lab)

   - **Summary:** NetLogo basics—interface, parameters, behaviors.

---

2. 🖥 Session B (Workshop)

   - **Summary:** Micro-exercise: Adjust one parameter in a simple model, note results.

---

3. ⬛ **Assignment:** Lab Memo #1

Due: 9/18 before class | **Points:** 100 points

Prompt (1-2 pages):

1. Pick one of the toy models shown in our classes over these two weeks (except the Fire model), and perform a single parameter adjustment.

   1. **Setup:** Identify which starter model you used (e.g., Wolf-Sheep, Traffic, Fire).
   2. **Parameters & Code:** Adjust one parameter; note what you changed. If you tried editing code, briefly explain what.
   3. **Results:** Describe what happened compared to the default. Include screenshot(s).
   4. **Interpretation:** What does this show about how simple rules create different outcomes?
2. Write your Lab Memo. You can download the template in here.
3. Submit your Lab Memo in PDF format through Moodle.

Here is one example of a Lab Memo for the Fire model. Use it as a guide for writing your own lab memos during this course.

Published   Sep 11, 2025