

## **Project Summary**

### **Meredith Root-Bernstein**

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Meredith Root-Bernstein is working on a project with David Krakauer to model the emergence of communicative behaviors in populations which initially have no communication or signalling behavior of any kind. She sees this as a process whereby individuals as perceivers modify the attentional range of their perception during interactions with the environment and conspecifics, and as actors modify their behaviors or appearances via exploitation of receiver psychology (sensu Guilford & Dawkins) or other mechanisms. Ideally the form and 'meaning' of any emergent communications would not be predetermined by the model.