

Interdisciplinary Workshop #2: Mapping the Space of Collaboration

Moore MMI-RAPS Summit
5 February 2014

Objectives for Today's Workshop

- Examine the extrinsic mode of interdisciplinary scientific research
- Think about interdisciplinary science through the lens of maximizing scientific impact
- Broaden reach and engagement with marine microbial ecology research community

Workshop Activities

- Organize into the same groups as yesterday
- Begin the session by introducing yourselves as researchers – emphasize your research focus
- Proceed to a conversation in which you work to identify a research project that you could engage in as a group – you could brainstorm this, or perhaps there is an obvious project that you could engage in, given the group's composition
- Develop the project with a *concept map* of the problem that combines your different perspectives
 - Using butcher paper (or notebook paper), map the the problem, using a box-and-line system – see the back of this sheet for an example key
 - Indicate how your various disciplines will help address the problem:
 - Will they structure the response?
 - Will they generate necessary data?
 - Will they assist in the analysis of the data?
- Discuss the problem as you have mapped it, focusing on its broader impacts - talk about different partners that could be added to the project that would expand both its scientific reach and its social reach
 - What other disciplines are needed to address the problem?
 - Beyond scientists, who will be interested in the work? How can it be conveyed to them?
 - Could it have policy implications?
 - Are there stakeholder groups who could be affected?
 - What sort of communication plan might aid you in getting the word out to them?
- We will close with 30 minutes of reporting out, focusing on which new partners would be invited into the projects and why.

Appendix B: Key to Human Ecosystems Models.

Based on H. T. Odum (1983, *Systems Ecology*, New York: John Wiley and Sons) and conventions established by the Information Ecology Group of the Anthropology Department, University of Georgia.

