NATIONAL AI RESEARCH RESOURCE TASK FORCE: MEETING #3

Date: October 25,2021
Location: Zoom

Objectives:
1. Deliberate on initial recommendations for compute capabilities and governance structure
2. Discuss possible data capabilities and considerations when sharing and disseminating government data
3. Consider options for the NAIRR to provide access to testbeds and testing resources
4. Discuss options for user resources, primarily portal interface design and educational tools

Agenda

11:00-11:10   Welcome and administrative remarks
Speakers: Erwin Gianchandani and Lynne Parker, *NAIRR TF Co-Chairs*

11:10-12:10   Readout and discussion of draft recommendations: Compute Working Group
Speaker: Dan Stanzione, *NAIRR TF Member*

12:10-1:10   Readout and discussion of draft recommendations: Governance Working Group
Speaker: Fred Streitz, *NAIRR TF Member*

1:10-1:40   Break

1:40-1:50   Scene setter: Data needs of the AI community
Speaker: Daniela Braga, *NAIRR TF Member*

1:50-2:50   Panel: Data resources
Moderator: Julia Lane, *NAIRR TF Member*

Speakers:
a. Ian Foster, *Director, Data Science and Learning Division, Argonne National Laboratory; Professor of Computer Science, University of Chicago*
b. Robert L. Grossman, *Professor of Medicine and Computer Science, University of Chicago*
c. Ron Hutchins, *Vice Provost for Academic Technologies, University of Virginia*
d. Anita Nikolich, *Research Scientist and Director of Research and Technology Innovation, University of Illinois at Urbana-Champaign*
e. Nancy Potok, *CEO, NAPx Consulting; former Chief Statistician of the United States*
f. Andrew Trask, *Leader, OpenMined*

Discussion Questions:
1. What gaps should the NAIRR fill with respect to data access? How can NAIRR resources complement the many existing repositories of government and non-government datasets?
2. In thinking about the answer to #1, what types of non-government data should be included in the NAIRR, such as data made available by industry, academics, or non-profits?

3. How should the Task Force balance the dual priorities of broad access and necessary security/control measures?

2:50-3:10   **Briefing: Testbed considerations for the NAIRR**
Speakers: Lisa Van Pay, *Research Staff Member* and Morgan Livingston, *Science Policy Fellow, Science and Technology Policy Institute*

3:10-3:40   **Discussion: Testbeds**
Moderator: Andrew Moore, *NAIRR TF Member*

Discussion questions:
1. What capabilities should the NAIRR provide to connect researchers to testing and experimentation environments?
2. What about in developing new testing and experimentation environments?
3. How should the construction of the NAIRR be tailored to facilitate access to testbeds?

3:40-4:00   **Break**

4:00-4:50   **Panel: User resources – portal interface, educational tools**
Moderator: Fei-Fei Li, *NAIRR TF Member*

Speakers:
a. Tiziana Ferrari, *Director, EGI Foundation*
b. Kimberly Greene Starks, *Global Lead, Infrastructure and Technology Strategy, IBM University Programs*
c. Ana Hunsinger, *Vice President for Community Engagement, Internet2*
d. Ed Lazowska, *Professor and Bill & Melinda Gates Chair Emeritus, Paul G. Allen School of Computer Science & Engineering University of Washington*

Discussion questions:
1. What types of educational tools and resources should be included in the NAIRR? Are there existing tools and resources that could be leveraged?
2. How should the portal interface be constructed to maximize usability and intuitive navigation by users?
3. What models should the Task Force consider?

4:50-5:00   **Questions from audience**
Moderator: Erwin Gianchandani

5:00   **Meeting Close**