

NIDA Big Data Strategic Planning Workgroup

June 3, 2015

Co-Chairs:

Roger Little, Ph.D. (NIDA)

Massoud Vahabzadeh, Ph.D. (NIDA)

Today's Agenda

- Welcome
- Review of May 13th meeting
- Comments regarding Workgroup Data Sharing and Big Data Capture/ File Formatting homework documents
- Today's Topic and Homework
 - Data Curation & Analysis, Storage and Visualization Issues, Opportunities and Resources
 - Draft language summarizing the discussion and appropriate references, resources, experts
- Other Action Items
- 5 Minute Public Comment Period
- Adjourn

Next Meeting

Wednesday, June 17, 2015 (may be subject to change)

2:00-3:00 pm (EST)

Workgroup Logistics

- Meet biweekly on Wednesdays from 2-3 pm EST via WebEx
- All meetings are open to the public and will be recorded
- There is a note-taker on the call and summaries will be posted on the website: <http://www.drugabuse.gov/about-nida/strategic-plan>
- Meeting summaries will be provided to workgroup members within 5 business days
- All correspondence should be sent to: NIDAOSPCPlanning@mail.nih.gov
- A web-based site will be established to facilitate document sharing

Homework – Importance & Opportunity

Please rank in order of:		Importance			Opportunity		
		Low=1	Med=2	High=3	Low=1	Med=2	High=3
1. Capture	a. data dictionaries		1	4		1	2
	b. ontologies		4			3	
	c. common data elements		2	3		2	1
	other? Please write in:						
2. Storage	a. cloud	1	2	2		1	2
	b. decentralized	2	2	1		1	1
	c. centralized	1	3	1		2	
	d. discoverability		1	3			2
	other? Please write in:						
3. File Format	a. unstructured data	2		3		1	2
	b. preprocessing	1	2	2		1	2
	c. metadata		3	2		3	
	other? Please write in:						
4. Data Curation & Analysis							
5. Sharing	a. transfer (simply too large: doesn't move very well)		2	3		1	2
	b. distribution (hard to aggregate)		3	2			3
	c. complexity (high computational expense)		3	2		1	2
	d. security	1	1	3	1	1	1
	e. privacy	2		3	1		2
	other? Please write in:						
6. Visualization	a. analysis tools	1		5			4
	b. machine learning	2	2	2		2	2
	other? Please write in:						

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- Welcome
- Review of May 13th meeting
- Comments regarding Workgroup Data Capture and File Formatting homework document
- Data Storage and Visualization Issues, Opportunities and Resources
- Today's Homework
 - Draft language summarizing the discussion and appropriate references, resources, experts
- Other Action Items/Reminders
 - Next meeting – June 17th (final wrap up and NIDA Addictome)
- 5 Minute Public Comment Period
- Adjourn

Next Meeting

Wednesday, June 17, 2015 – 2:00-3:00 pm (EST)