Breakout Session on
“User Scenarios That Can Be Implemented in the Coming Five Years?”

Get a Great Job and Research Money

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General Considerations
Possible User Scenarios (5-10)

- Alerting service for funding opportunities, jobs—learn from profiles, project future interests, rank them in terms of value
- Job wanted/offered support
- Calendar of events
- Weak social contacts, high quality, trusted Q&A – like LinkedIn
- Who is geospatially close (e.g., for dinner at a Conference) – FourSquare.
Detailed User Scenario (No. 1)
Support Job Hunting/Filling

Democratize executive job search using semantic data and social networks.

What are the target users?
Anybody who has/wants a job.

What are the users’ needs & priorities?
Find high quality applicant with trusted references.

Exactly what functionality is provided?
HIRE:
• Search for matching expertise based on NRN data, search for trusted people that can help get this person and/or provide references for that person.
• Semantic annotation: “Hire this person if you can.”
• Support judgment of what this person is going to do in the future in the new environment.
• What companies close down and we can hire their employees? We need a real “brain”.
• Is a person movable given what I have to offer. Alert for when “moveability scores” change.

JOB SEARCH:
• Find job in certain geo, topic area, at a certain time.
• Use social network to get good references.
• Alerts about open jobs, show you in context of new team.
• Price out certain jobs.

Why is this valuable for individual researchers?
Create productive teams. Lowering cost, risk, time spent.

Why does this improve science and/or technology dev.?
Create productive teams. Address the higher risk of team science.
Would attract traffic and lead to further adoption of VIVO.
Detailed User Scenario (No. 2)
Academic Funding Alerts – Funding Opportunities and Awards

Democratize access to funding using semantic data and social networks.

**What are the target users?**
- Anybody who needs funding. Particularly young investigators.

**What are the users’ needs & priorities?**
- Need money for what we REALLY want to do.
- Notify about relevant funding opportunities, acceptance rates, awarded grants.
- Increase visibility for highly inefficient funding opportunities.

**Exactly what functionality is provided?**
- Automatic learning of preferences but supports tuning like Netflix (Brainy, Inspiring, feel-good, scary).
- Using personal/scholarly networks to get high quality recommendations.
- Route information more effectively to potential investigators.

**Why is this valuable for individual researchers?**
- Get more money for less work.

**Why does this improve science and/or technology dev.?**
More time and money for research.
Associated Challenges and Opportunities

- Need rich semantic annotation of funding opportunities, awarded grants, program officers (what they funded in the past).