**INDURE Meeting**

June 3, 2009. LWSN 3144D

**Subject:** INDURE enhancement through the integration of SPS data into faculty academic profile.

**Invitees:** Jason Fish, Chris Laguire, Aditya Mathur, John Schneider, Luo Si, Stephanie Willis

1. **Why integrate SPS data with INDURE?**

* To improve the accuracy of expertise search.
* To identify best match between faculty and funding opportunities.
* To make it easier for Purdue administration to relate funding data to the areas of academic expertise across various academic units.
* To provide department heads and business offices easy and quick access to funding data across departments and colleges.
* Enable the expansion of INDURE in line with the “Innovation Project.”[[1]](#footnote-0)

1. **What data needs to be transferred to INDURE?**

* For each proposal submitted, funded, declined, expired:

Names and PUID of all PI and Co-PI, project start date, project end date, sponsoring agency, dollar amount, cost sharing, percent share of each PI/Co-PI; all major and minor accounts related to each funded proposal.

* For each funded proposal:

[In addition to the above] Research expenditure by major and minor accounts.

1. **Data transfer and integration**

It would be best for SPS to create a WEB service that will be used by INDURE on a regular basis to fetch data and integrate with INDURE. Once the WEB service is established, and the data fetch and integration mechanisms at the INDURE end set up, this process will be automatic and without any manual intervention.

1. **New features for search and grant opportunity**

Once the data transfer and integration mechanism is set up, the search reporting features of INDURE will be modified to obtain the advantages mention earlier. A “Grant Opportunity” finder will be plugged into INDURE to allow all faculty members in INDURE to obtain lists of grant opportunities that best match their expertise.

The modified search feature will allow users with appropriate admin rights to create reports related to external funding and research expenditure in ways that are impossible to obtain using any of the software applications currently at Purdue. As an example, it would be possible to create a comprehensive report that shows the funds received by Purdue faculty who are experts in the area of cancer. It would be possible to generate a multitude of such extremely useful reports in a quick and easy manner.

The plug-in will hunt for grant opportunities in well know federal and private web sites, match these with the expertise profile of each faculty member in INDURE, and create faculty-specific opportunity profile available at all times to interested faculty. This profile update will take place every day. The faculty members would have the option to log into INDURE and obtain their latest profile.

1. **Data confidentiality**

Data from SPS will be available only to authorized personnel. This will be accomplished through the authorization scheme already built into INDURE. If necessary, the INDURE authorization feature will be modified to ensure data privacy.

1. **Suggested timeline**

[To be discussed.] It is suggested that SPS and ITaP work to enable the data transfer and integration mechanisms working by the beginning of fall 2009.

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1. Proposed by Karl Koehler, Indiana 21st Century Fund. [↑](#footnote-ref-0)