

# Best Practices and Tools for LSAMP Alliance Data Collection and Management

#### **Danielle Mitchell**

IINSPIRE LSAMP Alliance Program Manager *Iowa State University* 

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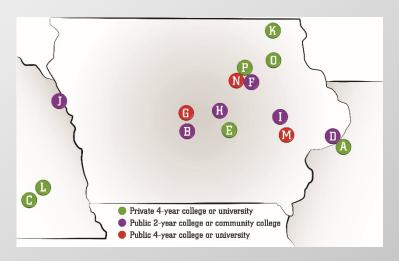
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## **IINSPIRE LSAMP Alliance**



- Augustana College
- Des Moines Area Community College
- Doane University (Nebraska)
- Eastern Iowa Community College District
- Grinnell College
- Hawkeye Community College
- Iowa State University
- Iowa Valley Community College
- Kirkwood Community College
- Little Priest Tribal College (Nebraska)
- Luther College
- Nebraska Wesleyan University
- University of Iowa
- University of Northern Iowa
- Upper Iowa University
- Wartburg College





# **Management Challenges**



- WebAMP data is limited and data entry is done looking back to the previous year (data is not current).
- Gathering data across 16 institutions of varying institutional types.
- Tracking student progress between institutions in a timely manner (i.e. transfer students).
- Tracking students beyond graduation.
- Tracking student retention across 16 institutions of varying institutional types.
- "Type 1" and "Type 2" definition is unclear.



## **SmartSheet Introduction**



#### **Proposal Development**

- Grants Hub
- Campus director feedback
- Value to manage large-scale projects better, more efficiently.



# **Using SmartSheet**



How we are using SmartSheet for our program:

- Collaboration & General Project Management
- Annual Reporting
- Student Database & Evaluation
- Mentor Database
- Budget Management
- Online Applications
  - Research, conference travel, and research supplies funding, application for research programs (RISE<sup>UP</sup>), and event registrations.



## **SmartSheet Features**



- Private Workspaces
- Share worksheets or workspaces
- Email request sent directly from platform
- Send Update Requests
- Reminders
- Notifications
- Templates
- Create Webforms
- Run Reports
- Export information into Excel, PDF, etc.
- Integration with other platforms, such as DocuSign, Box, etc.

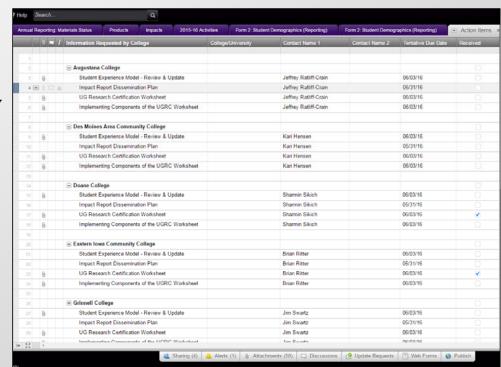


# **Project Management**



#### **Action Items List**

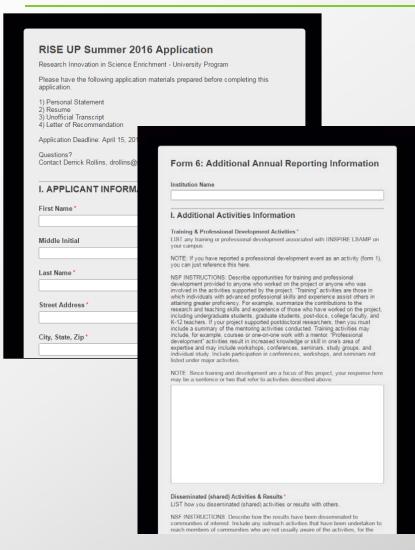
- Keeps track of tasks each campus director needs to complete
- Reminders are set-up to notify directors of approaching deadlines
- Comments section used to provide instructions
- Documents are uploaded to share with the directors and directors upload completed tasks
- Serves as a second document repository.

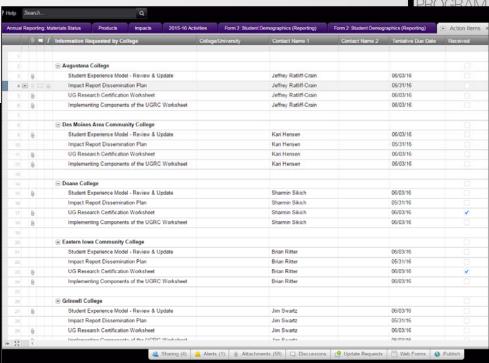




## **Webforms & Worksheets**









# **Annual Reporting: Before**

#### Old Method:

- Collected a series of forms from each campus
  - Students: One form for each student
  - Faculty mentors: One form for each mentor
  - Activities: One form for each activity
  - Additional Reporting Information
- Evaluator collected the information and entered each item into WebAMP
- Program Manger (ME) used the forms to develop the annual report narrative
- Challenges:
  - Laborious, tedious for all involved.
  - Campus directors often failed to follow protocol, resulting in more work at the end of the year.
  - Tried to used Sharepoint, but often encountered log-in issues for external users.



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		Form 2: III	NSPIRE Type I St	udent Demographic Information		
	The purpose of this form isto gather basic student information from students who receive direct IINSPIRE LSAMI (Type I Students) This information is required by the National Science Foundation as a condition of funding.					
	Campus Director of	or agent before the	form is given to study	flect activity related information. It should be pre-filled by ents to complete. Section 2 is used to gather information y the student, but can be completed by the Campus Dire		
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	Attending Ins	titution				
	Activity Title	(for which student	receives funding):			
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SAMP	ispire					
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# **Annual Reporting: After**

Converted some of the forms into SmartSheet webforms:

- Student Demographic Information
- Additional Reporting Information
- Team (Participant) Information

Converting the remaining forms using SmartSheet

- Mentor Database (Faculty Demographics)
- Activities Information



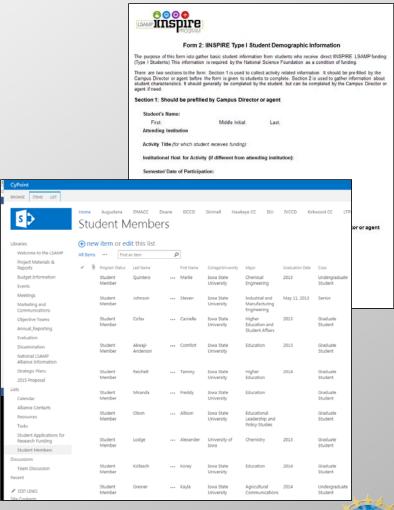
IINSPIRE LSAM	P Student Demographics
students who received dire	to gather basic undergraduate student information from ct IINSPIRE LSAMP funding (Type I Students). This he National Science Foundation as a condition of funding
	d at an IINSPIRE LSAMP alliance institution and you are eceived funding through the program, please complete the
First Name *	
Middle Initial	
Last Name *	
College/University* University/College E-mai	r P
LinkedIn Site (required)	
Are you a US Citizen, US Yes No	National, or Permanent Resident?*
Semesters/ Dates of Parti Please mark which semes	icipation * ters/terms you participated in IINSPIRE LSAMP activities
Check all that apply	



## **Student Database: Before**

- Prior to SmartSheet, we created a student database in CyPoint. Unfortunately log-in issues made it difficult for external users to access it and update student information.
- The information collected from the annual reporting, forms, IINSPIRE LSAMP research funding application, and other various forms had to manually entered.
- Required constant updating.
- Campus directors rarely accessed the site.
   If it wasn't because of log-in issues, it was because they didn't like using CyPoint.

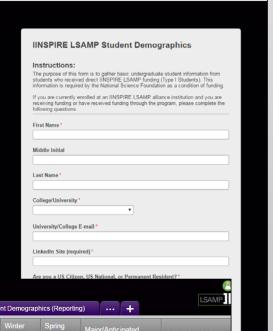


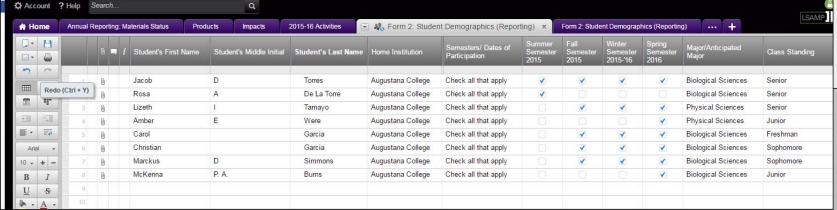


## **Student Database: Now**

- Each campus is provided with their own workspace in SmartSheet.
- A student database worksheet has been created for each college/university
- Campus directors or coordinators use the webforms feature to request the information for the students.
- Campus directors can send update requests to student for particular information.







## **Student Database: Now**



- Campus directors or the alliance office updates the students' participation in events through out the year.
- Campus directors receive notifications when the student(s) complete the webform.
- Everyone (evaluator, program manager, campus directors, coordinators) have access to student information in real-time.
- Student records can be updated to include other attachments, such as poster PDFs, articles, publications, etc.
- Evaluator can run reports anytime during the year.
- Information received through the research funding application or other applications can be copied into the database.



## **Mentor Database**



- Similar set-up to student database.
- Mentors are asked to complete a webform when they start mentoring our students
- Includes questions about mentor training history
- Inquires about graduate students who will also serve as mentors to the students.



# **Budget Management**



- Budget worksheet created for each campus
- Allows directors to view the amount of funding available in their subcontract
  - Verify accounting departments submitted billing forms
- Technical reports will be uploaded to each worksheet 3x/yr when invoices are also due.

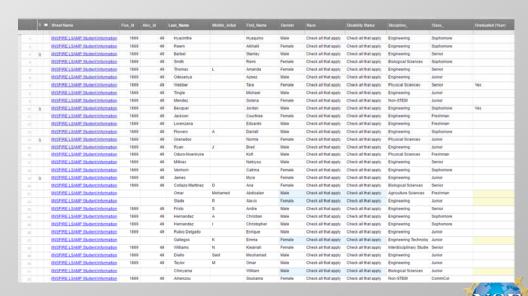


# **Evaluation and Reports**

- Campus directors are required to update data 3x/year, at the same time technical reports are due.
- Allows evaluator to run <u>current</u> reports
- Report features allows evaluator to choose which data they want to review, analyze, etc.
  - Information from across all 16 workspaces can be pulled into one report.
  - Automatically updates the report if a worksheet is updated.
  - Information can be exported to Excel
  - Anticipate substantial time savings for WebAMP reporting.



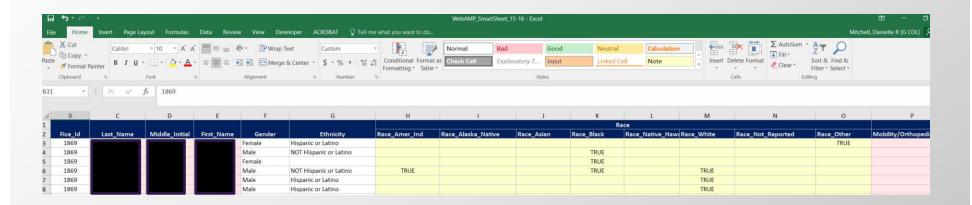




# **Evaluation and Reports**



• Example report ran for WebAMP reporting information.





# **Templates**



- Created using an existing worksheet
- Ideal for creating multiple copies of the same worksheet

Workspace

Saves the webform as well

Templates can be shared with anyone, including individuals outside the

alliance or organization. Z Templates Actions ▼ ■ Sharing Event Registration Workspace Form 1 Activities Workspace Form 2 Student Demographic Information\_v2 Workspace Form 2: Student Demographic Information\_v1 Workspace Form 3 Faculty Demographics Workspace Form 6 Additional Information Workspace IINSPIRE LSAMP Student Information Workspace Participant (Team) Information Workspace Project Buget\_II Workspace Research suppplies App Workspace

Danielle Mitchell

09/24/16

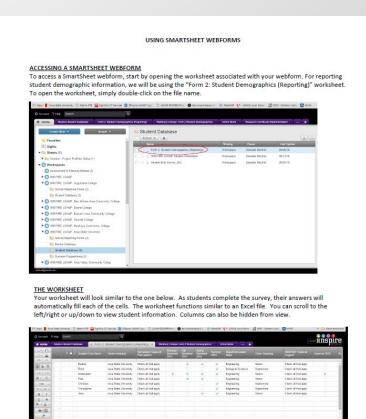


Student Exit Survey

# **Using SmartSheet Tutorials**



- To help our campus directors navigate SmartSheet
- Developed instructions or how-to guides
- Willing to share tutorials upon request
- We also have a copy of the training manual from SmartSheet Academy.



## **SmartSheet Plans**



#### **Basic Plan:**

Designed for personal use Access to 10 worksheets max

**Team Plan: Minimum 3 Licenses** 

\$149/License/Year 50 Sheets/License Ability to run Reports

NO Access to our Dashboard Feature - called Smartsheet SIGHTS

#### **Business Plan: Minimum 3 Licenses**

\$249/license/Year
100 Sheets/License
Ability to run Reports
Full Access to our Dashboard Feature - called Smartsheet SIGHTS
Access to ODBC Connector
Includes Skype integration (if you have 0365 or Skype Online)

#### **Enterprise Plan:**

Custom quotes based on volume tiers
All features of Business Plan + Suite of IT Governance Tools for Central Plan Management

