STUDENT ANALYTICS: A NEW WINDOW INTO STUDENT DATA
WHAT IS SIRIS?

Student Integrated Reporting Information System

SIRIS is a new reporting system for various aspects of student data. It provides ad hoc capabilities, as well as pre-defined reports and dashboards.

It will be created in several phases, over the next few years.

Phase 1 is about the Academic Structure, Term & Plan Enrollment
Phase 2 will be about Courses and Instruction
Phase 3 will be about Admissions and Financial Aid
Phase 4 will be about Student Survey data
Current OBIEE Peoplesoft reports provide transactional reporting:
- Answers questions about current status of students
- Check data entry

SIRIS provides basis for
- Historical and trend reporting
- Analytical/aggregated reporting

More structured data can help answer simple, standard requests in ad hoc:
e.g. Who are the Pacific Islanders in our master’s program?

SIRIS may eventually replace some OBIEE former RM1 reports, but that is not the main goal, especially not for real-time reporting.
Every night, there will be a nightly build that re-structures the data and adds additional features, such as:
- Grouping categories and hierarchies
- End dates
- Value-added fields, such as “Study Field” (aka Majors) or “Degree Level” (B/M/D)
WHAT IS IN THE INITIAL RELEASE?

- 4 dashboards
  2 on Academic Structure (Acad Orgs, Programs, Plans, etc.)
  1 on Term and Plan Enrollment
  1 on Degrees Conferred

- Two subject areas – structured data for ad hoc analysis
  1 on academic structure
  1 on plan and term enrollment

- Data Governance Center data dictionary for cross-reference
  Definitions of data elements
  Ad hoc folder locations

Find it here: dgcenter.Stanford.edu
In this first release, questions around academic structure and plan and term enrollment, such as—

- What are the current Program/Plan offerings in my school?
- Who is currently actively term enrolled in my department?
- How many students are in the Product Design subplan? How many were in it last year?
- Are Masters Degrees in H&S increasing over time?
- What are the most popular undergraduate study fields/majors?
# WHAT DO WE MEAN BY THE PAST?

<table>
<thead>
<tr>
<th>TIME PERIOD (in terms of student data)</th>
<th>SPECIFIC YEARS</th>
<th>What’s Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>1900</td>
<td>This is a placeholder date.</td>
<td></td>
</tr>
<tr>
<td>Prehistoric</td>
<td>1891 through 1931-32</td>
<td>Nothing except somewhere on paper perhaps</td>
</tr>
<tr>
<td>The Dark Ages</td>
<td>1932-33 to 1983-84</td>
<td>Very little; data sparse and uncertain</td>
</tr>
<tr>
<td>The Industrial Revolution (aka NSI Years)</td>
<td>1984-85 to 2001-02</td>
<td>Data collected in the legacy Network for Student Information (NSI) system; a fair amount of this data was converted to PeopleSoft.</td>
</tr>
<tr>
<td>The PeopleSoft Years</td>
<td>2002-03 through the present</td>
<td>All data collected should be present, though historical versions not always kept*</td>
</tr>
<tr>
<td>2997?</td>
<td>This is a placeholder date.</td>
<td></td>
</tr>
</tbody>
</table>
DEMO
WHAT’S HAPPENING NEXT?

NOW
- Continued testing and minor enhancements, changes
- Preparing for limited Early Adopter phase
- Preparing training materials, scheduling Early Adopter training
- Ground work on the next phases
  (Historical Census, Course Enrollment & Instruction)
- Release to Early Adopters

NEXT YEAR
- More widespread campus release
- All will need to take Appropriate Use training and have authority granted to them
HOW CAN I FIND OUT MORE?

- Subscribe to this list for newsletter, updates, user group meetings, etc.:
  siris-news-updates@lists.stanford.edu

- Write to this list with any questions:
  siris-support-team@lists.stanford.edu

- File a HelpSU ticket:
  Request category: Administrative Applications
  Request type: BICC Student Analytics
WHO IS RESPONSIBLE FOR IT?

SIRIS is sponsored by
Tim Warner (University Budget Office) &
Randy Livingston (CFO)

SIRIS is being created through the partnership of
- IRDS (Institutional Research & Decision Support)
- AS (Administrative Systems – Data Management & Reporting)
- The Campus Community (Schools, VPUE, VPGE)
plus additional consulting with the Registrar’s Office
We truly hope this new system will make data about students more accessible and useful, to those who have a need to know the information.

-- the SIRIS Project Team