Institutional Planning & Analysis

IPA provides ongoing support for **campus planning and decision-making** to help advance the educational mission and effectiveness of the institution. Learn more

QUICKSNIPITS

Data Warehouse / Decision-Support Update

In Fall 2010, the Data Warehouse Team successfully launched the first prototype data mart (Admissions) using both a dimensional model and a Cognos cube. A demo of the prototype, using Cognos reporting tools (Report Studio and Analysis Studio), was presented first to the Admissions Office and the Provost/EVC and then to the Deans, VC Student Affairs, and AVC Enrollment Management.
To validate the Team's overall approach and assess technical, design, and modeling capabilities, we engaged a review by IBM consultants in October 2010. [IBM acquired Cognos in November 2007.] This 5-day review covered the following objectives:

- Validate the overall design approach, including its extensibility and sustainability, to confirm viability of future integration of dimensional models and cubes
- Evaluate use of Cognos tools to be sure that they are put to optimal use in the design of the dimensional models and cubes and the underlying framework manager packages
- Evaluate use of the Oracle ETL tool (OWB)
- Confirm campus' choice of hardware and operating system platform for Cognos
- Identify other products, staff skill sets and/or levels, alternative approaches, etc. that might significantly improve staff productivity and product delivery schedule.

Findings/Recommendations:
IBM found that our current architectural configuration with Cognos was in line with proven best practice methodologies within the current development and production environments. A data architecture review of both the ODS and data warehouse was recommended to insure standard data warehouse practices were in use. Another recommendation was to utilize a commercial ETL tool, rather than using custom code (PS-SQL) to do all the ETL processes. This would greatly reduce development time and improve sustainability and maintenance. IBM also noted that the team use a more formal project management methodology and go forward with plans to create the Data Warehouse Steering Committee.

→11.29.10

Updated information

The UCM Profile tab now contains two documents, the UC Merced Profile and the Campus Accountability Framework. Each campus in the UC system has prepared an accountability framework document highlighting campus accomplishments and data about students, staff and faculty

You can now see the profile document for each campus in the UC system by going to the links tab. The campus profiles are part of the accountability and transparency movement underway in higher education to give the public easy access to information about multiple aspects of student collegiate life.

In addition to the UCM profile tab, the Student Stats and the Faculty and Staff tabs have also been update with the most recent information from the campus. We hope you find the information you need. If not, please let us know by submitting a request so we can continue to improve our site.

→3.11.10

FUTURE EVENTS

2011 HEDW Conference
April 3 - 5 ~ Seattle, WA

2011 AIR Annual Forum
May 21 - 25 ~ Toronto, Canada

DID YOU KNOW?

- Fall 2010 enrollments top 4,300~ UC Merced's fall 2010 enrollments reached 4,381. That's an increase of 28% over fall 2009 (3,414) and 401% over the campus' first year (875 in fall 2005). There are 243 graduate students enrolled, 83% of whom are pursuing doctoral degrees.
- Student Geographic Origins Span the State ~ The San Joaquin Valley contributes the largest percentage of undergraduates at UC Merced (31%). Another 29% come from the San Francisco Bay Area and 26% from Southern California.
- Student Ethnicity ~ Coming Soon
- Student Experience ~ More than two-thirds of UC Merced's seniors reported that they assisted faculty with research or a creative activity (UCUES 2008). The overall student-to-faculty ratio is 15 to 1.
- Top 5 Undergraduate Majors ~ Coming Soon

MERCED INFO

- Location ~ Merced is in the San Joaquin Valley, about 100 miles east of San Francisco.
- Population ~ More than 79,000 people lived in Merced as of January 1, 2007 (E1 population estimate report, California Department of Finance).
- Yosemite National Park ~ The south entrance to Yosemite is about 80 miles to the northeast of Merced.

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