Digital Measures
Managing and Reporting on Faculty Accomplishments

• Background
• Benefits
• Highlights & Progress
• Goals

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What is Digital Measures?

- DM is a hosted, web-based database to capture, manage, and report on faculty activities and accomplishments.
- DM provides a *unified, consistent* approach to activities data management using a highly *customizable* database.
- Premise is: Enter data ONCE, use it MANY times.
Background of DM at Purdue

- Committee in Summer 2011
  - Faculty, administrators, IT personnel
- Decision to choose DM Spring 2012
  - Nearly 1200 CVs collected from eight colleges
- Contract with DM in Summer 2012
- Project Manager Fall 2012, implementation started
- Added HR, Banner, and publications data for Engineering and remaining Science faculty by Summer 2014
Process Overview

CVs
- education
- demographic
- honors & awards

Database
- Categorize and populate database

Digital Measures cloud
- University reports
- college reports
- department reports
- CV
- biosketch

HR data
- department rank
- grants
- amounts

Research data
- grants
- amounts

Teaching data
- courses
- # of students
- grade distribution

Publications
- books
- chapters
- journal articles

Faculty A
Faculty B
Faculty C

Update and maintain
Benefits of Digital Measures

- Reduce faculty time to manage and track their activities
- Improve faculty ability to respond to activities data requests throughout the year
  - awards & honors, publications, research grants, engagement, etc.
- Facilitates departmental, college, and university level reporting specific to their needs and interests
Benefits of Digital Measures

• Over 2000 institutions using Digital Measures – more than half of the CIC institutions and many of our peers

• Multiple uses for this faculty activities data – web profile pages, biosketches, external reporting requirements, accreditation, annual reports, promotion and tenure

• Fully hosted solution, excellent support model, hierarchical role-based access
• Data entered for over 2300 faculty from all colleges and Libraries
  – Basic HR data (non-sensitive)
  – Banner data since Fall 2008
  – COEUS/SAP research data from SPS
  – Publications now sourced from external repositories (e.g., Web of Science, Scopus, PubMed, etc.)

• Annual activity reporting piloted in three departments earlier this year

• NSF, NIH, and DOD biosketches
Highlights & Progress – 10/21/14

• AACSB accreditation reports for Krannert
  – ABET and NCATE templates in DM

• Ad-hoc queries and reports for quick data review and analysis
  – Engagement and service efforts
  – Peer-reviewed publications
  – Search for research interests and potential collaboration
Highlights & Progress – 10/21/14

• Planned pilot project with Libraries
  – Shared publications data with e-Pubs
• Developing annual review templates
  for several colleges’ use this spring
• USDA data collection and reporting
• Web profile pages for two Science
  departments’ faculty members in progress
Faculty Data Availability

- Agriculture
- Education
- Engineering
- HHS
- Liberal Arts
- Krannert
- Pharmacy
- Science
- Technology
- Vet Med
- Libraries

- Faculty w/content
- Total Faculty
Assisting Faculty

• Training
  – Online materials and documentation
  – [www.purdue.edu/provost/initiatives/digitalmeasures](http://www.purdue.edu/provost/initiatives/digitalmeasures)
  – Group sessions, one-on-one meetings, faculty meeting overviews as requested
  – Meetings with departmental assistants

• Student Support
  – Small team of students for ongoing assistance and continued maintenance
Goals for 2015

- A dozen departments using DM for various purposes
  - annual activity reporting
  - web profile pages
  - external and internal reporting

- Short faculty video guides for DM basic use

- Continued support for Digital Measures from Provost’s Office, University Senate, Deans, OIRAE / VPIT and others