Why EFARS?

- Secure, reliable system for recording, tracking, and reporting faculty activities
  - annual faculty activity reports
  - faculty CVs
  - promotion and tenure dossiers
  - department, college, and university level reports
  - personalized Web profiles
  - faculty expertise database
Where did we start?

- Reviewed in-house systems and outside vendor products
- Selected Digital Measures Activity Insight in May 2008
- Piloted in 2010-11 & 2011-12
- In use by CLAHS, SPIA, SOVA, psych, geography, SACS since 2012-13
Challenges

- Cumbersome user interface
- Manual entry of publications
- Modifications must be performed by vendor
- Poor customer service
Alternatives Evaluated in 2013

- Thomson Reuters Research in View, InCites
- Elsevier SciVal Experts, Pure
- Symplectic Elements
Selected Alternative

• Symplectic Elements
  • Imports publications from external databases
    • Current: Web of Science, PubMed, ArXiv
    • Coming: Social Science Research Network
  • Integrates with VTechWorks digital repository
  • Integrates with VIVO for public web profiles
  • Allows local creation of report templates
  • Locally hosted*, customizable
Elements
Capture, collect and showcase the research occurring at your institution.

Who is Elements for?

Researchers
Founded by researchers, for researchers

Librarians
Librarians from across an institution, often in the

Administrators
Elements has been specifically developed to
Data harvesting & aggregation

Symplectic Elements

Institutional Repository
VTechWorks

Public Online Faculty Profiles & Expertise Database
VIVO

EFARS, P&T Dossiers, CVs
Symplectic Elements

Research Analytics, Benchmarking
VIVO
Symplectic Elements
SciVal Experts
InCites
Academic Analytics

Internal data systems
Personnel, teaching, contracts & grants data
- Banner, Data Warehouse, Research management system

External data sources
Publications:
- Web of Science, PubMed, ArXiv, SSRN
Citations, impact factors:
- Web of Science, PubMed, Altmetrics
Current Status: Elements

• User accounts established
• Authentication through CAS
• Converted publication data from Digital Measures
• Teaching data imported from Banner
• Grants data imported from OSP*
• Customizing data types and fields for other faculty activities
My profile

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Overview
Peggy Layne, P.E., joined Virginia Tech in 2003 as director of the AdvanceVT program, a National Science Foundation sponsored program to increase the number and success of women faculty in science and engineering. She is currently the Director of AdvanceVT and Faculty Projects in the Office of the Senior Vice President and Provost, where her responsibilities include faculty development programming and assessment and implementation of an electronic faculty activity reporting system.

Experience
Non-academic employment
Diversity Project Manager, American Association of Engineering Societies, Jan 2003 - Oct 2003
Director, Program on Diversity in the Engineering Workforce, National Academy of Engineering, Nov 2000 - Dec 2002

Education

Degrees
MS Science and Technology, Studies, Virginia Tech, United States, 2012
MS EE Water Resources Engineering, University of North Carolina, Chapel Hill, United States, 1984
What is VIVO?

- VIVO is an open-source application that enables researchers to discover, connect, and collaborate across disciplines and organizations.
- VIVO is a set of public-facing profiles for researchers. Trusted, verified data within the profiles is structured and exposed to support searching across individual institutions and across the national VIVO network.
- VIVO is also a network of more than 100 institutions and agencies in more than 30 countries who are collaborating to produce and use VIVO-compliant data.
- Institutions in the VIVO network, such as Virginia Tech, implement local installations of the VIVO platform, manage data locally, and control access to semantic-web compliant applications. The structured data found within a VIVO system supports the search features and allows for open development of new applications and visualizations.

Interested in seeing VIVO in action? Check out the VIVO site at Cornell University!

Background

A VIVO implementation at Virginia Tech would provide faculty and administrators with a simple, one-stop search interface for discovering the depth and breadth of research and scholarship on campus. As a public-facing semantic web application, VIVO will also expose Virginia Tech faculty profiles to a much wider network of scholarly activity, increasing the impact and visibility of research and scholarship on campus.

Timeframe

We are currently working on a VIVO implementation fed by data from trusted university-managed sources. We expect a soft launch in fall 2015 with a full launch to the Virginia Tech community in 2016. Check back on this site for updates!
Next Steps

• Identify and train college administrators
• Engage college librarians
• Pilot with College of Business and College of Veterinary Medicine in fall 2015
• Expanded pilot in spring 2016
• Campus-wide rollout in fall 2016
Questions?

For more information:

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