OSU:pro

OSU:pro - A Data Integration Tool for Tracking Faculty & Staff Expertise

Meg Buzzi, Joseph Branin and Timothy Cain

Center for Knowledge Management
& University Libraries
The Ohio State University
Tracking faculty efforts in the Academy

- Documentation drives decision making
- Traditionally paper-based processes
- Paucity of enterprise level systems to automate tasks
Disparate, Disconnected Data Silos

- Systems capture only a subset of data elements
- Lack of contextual display
- Duplicative data entry and information management
Getting Enterprise Answers

• Reporting and data needs grow across The Ohio State University
• Knowledge is buried inside a decentralized organization
• True data-driven decision making is unlikely with our current tools

18 colleges
150 departments
8000+ faculty
Our Objective: “Fingertip Access” to Data

- Our *Holy Grail* would be an instant view of institution-wide knowledge: Allowing us to gain an understanding of our local expertise, organizational wisdom and historical knowledge and bring it to the surface in a meaningful way.
Our Current Infrastructure

• Recognizing investments the university has already made in information systems

• How do we utilize our current infrastructure to bring meaning to disparate data sets?
A New Web Paradigm

- Makes integrated solutions possible
- A new strategy to take advantage of older enterprise systems without needing to replace them
- Web services and xml make it possible
We Know Our Customer & Environment

By building this application in-house, we brought:

- Access
- Context
- Value
Value to Our Audiences

**Administration**
- Accurate reporting of scholarly achievement
- Attract scholars & students to the university
- Comparison & trending data

**Faculty & Staff**
- Place to store CV data, citations
- Find collaborators across fields

**Citizens**
- Ability to find experts in a particular area of study or research
- One-stop for media inquiries

**Current & Prospective Students**
- Find mentors, advisors
- Evaluate programs based on faculty specialties

Quality teaching. Global knowledge. Exceptional accomplishments. Expertise puts it all right at your fingertips. Explore and discover.

Search OSU Expertise:

Search

news

Hurricane Relief Effort

Ohio State Leads Country in Faculty Honored By Leading Science Organization

U.S. News ranks Ohio State as top public university in Ohio
### Scholarly Activity - Presentation for Meg Buzzi

<table>
<thead>
<tr>
<th>Presenter(s)</th>
<th>Meg Buzzi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title of Presentation</td>
<td>OSU:pro – A Data Integration Tool for Tracking Faculty &amp; Staff Ex</td>
</tr>
<tr>
<td>Venue Where Presented</td>
<td>Educause Midwest</td>
</tr>
<tr>
<td>City of Venue</td>
<td>Chicago</td>
</tr>
<tr>
<td>Presentation Audience</td>
<td>Educause Members</td>
</tr>
<tr>
<td>Date of Presentation</td>
<td>14 Mar 2006</td>
</tr>
<tr>
<td>Is this item currently &quot;In Press&quot;?</td>
<td>Yes No</td>
</tr>
</tbody>
</table>

Submit
Dr Caroline C Whitacre

Medicine Administration (Vice Dean)
Internal Medicine (Professor)
Pathology (Professor)
Veterinary Biosciences (Professor)
Health Sciences Administration (Assoc VP Health Sciences Rsch)

MEILING
370 WEST NINTH AVE, 264 ME
COLUMBUS, OH 43210
Phone: 614-292-2595
Email: whitacre.3@osu.edu

NOTE: If there is an error with your appointments, address, or phone number, please contact your local HR official.

Profile Statistics

<table>
<thead>
<tr>
<th>Profile Section</th>
<th># of Entered Items</th>
<th>Last Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Interests</td>
<td>1</td>
<td>July 06, 2005 11:19:36 A</td>
</tr>
<tr>
<td>Advising, People</td>
<td>1</td>
<td>March 08, 2006 02:47:12 P</td>
</tr>
<tr>
<td>Courses</td>
<td>130</td>
<td>July 06, 2005 11:55:34 A</td>
</tr>
<tr>
<td>Degrees/Certifications</td>
<td>2</td>
<td>June 30, 2005 03:09:29 P</td>
</tr>
<tr>
<td>Editorial Activities</td>
<td>0</td>
<td>every Monday</td>
</tr>
<tr>
<td>Grants, OSURF Award Data</td>
<td>105</td>
<td></td>
</tr>
</tbody>
</table>

Quality teaching. Global knowledge. Exceptional accomplishments. Expertise puts it all right at your fingertips. Explore and discover.

Search OSU Expertise:

oral cancer

Search

news

Hurricane Relief Effort

Ohio State Leads Country in Faculty Honored By Leading Science Organization

U.S. News ranks Ohio State as top public university in Ohio
Searched for **oral cancer**. Results 1 - 10 of about 19. Search took 0.01 seconds.

**Christopher Mark Weghorst - The Ohio State University**
... Molecular Events in Progression/Prevention of **Oral Cancer**?/Project 3 ?Inactivation of the TGF? Receptor Complex in **Oral Cancer** Development Prevention of ...
expertise.osu.edu/profiles/weghorst.2/ - 17k

**Thomas J. Knobloch - The Ohio State University**
... Research Interests. Chemopreventive agent-responsive genes in **oral cancer**. Scholarly Activity. Thomas ...
expertise.osu.edu/profiles/knobloch.1/ - 10k

**Dr Sam Lawrence Penza - The Ohio State University**
... and other factors in autotransplantation for breast **cancer**" 96. 11 Part 1 (2000) 424a ... A; Ness, GM; Penza SL. "**Oral** precancerous and malignant lesions associated ...
expertise.osu.edu/profiles/penza.1/ - 14k

**Dr Chris Allen Rhoades - The Ohio State University**
... resectable squamous cell carcinoma of the **oral** cavity, oropharynx, or hypopharynx" 94. 12 ... treatment for advanced-stage tongue base **cancer**." 26. 7 (2004) 561-72 ...
expertise.osu.edu/profiles/rhoades.4/ - 10k

**Dr Bruce Cordell Casto - The Ohio State University**
... Prevention of Experimental **Oral Cancer** by Topical Application 10% of Natural Food Products Reducing cervical **cancer** in Appalachia - Pilot Project Apoptotic ...
expertise.osu.edu/profiles/casto.44/ - 9k

**Dr Michele Shipp - The Ohio State University**
... Global Health Council. Member, OSU Comprehensive **Cancer** Center. ... M. "Demographic
Run Reports

Expertise Reports

OSU Expertise Usage Logs
Usage By Month
Usage By Department

University Reports

University Report
Language Report

Example Reports

Annual Report
Impact Factors
Publication/Grant Comparison
Signature Programs
Ethnicity Report
Gender Report
Staff Statistics

OSU Expertise Ethnicity Statistics

Ethnicity report for Internal Medicine

- WHITE, NON-HISPANIC: 344
- ASIAN OR PACIFIC ISLANDER: 62
- HISPANIC: 6
- BLACK: 8
- OTHER: 26

© 2006 The Ohio State University
Grant & Publication Comparison

Publication/Grant report for CAROLINE WHITACRE

![Graph showing publication and grant comparison over years.](image-url)
Future Development & Usage

- Annual Reporting for colleges
- Promotion & Tenure e-dossiers
- Benchmarking/Scorecarding
- Discipline-specific *vitae*
- Data Quality Initiatives
- Expansion to graduate students, alumni, undergraduates
Challenges

- Data ownership
- Process reengineering
- Institutional adoption
- Initial data entry
- Privacy/IP
Building Partnerships

What makes our approach different?

What do we, as project staff, value above all?
Values

- Customer service
- Personal contact and relationship building with colleges
- Detailed requirements gathering
- Collaboration - looking outside our project for insight
- Public availability & democracy of data-sharing
- Design a system and processes that enhance the quality of data across campus
Project Sponsors

- Center for Knowledge Management
- Office of the Provost
- Office of Health Sciences
- University Libraries
- Office of the CIO
Contact Us

Meg Buzzi and Tim Cain
Center for Knowledge Management
The Ohio State University

Email: osupro@osu.edu

http://expertise.osu.edu