About eRAP

Learn about UCSD’s Electronic Research Administration Program, who is involved and what projects are in the pipeline
What is eRAP?

Campus-wide initiative to implement systems and tools that support improved management by departmental personnel and central offices of sponsored research lifecycle!

Goals

• Continually transform research administration
• Streamline and standardize business processes
• Minimize time researchers and research support staff spend on administrative activities

Why?

• UCSD in top 10 for research
• Requires significant administrative effort by departments and central offices
• Current sub-optimal departmental facing research administrative tools
• Behind the times – many advancements in automation & systems years ago
Executive Committee

VC Areas
- Scripps Institution of Oceanography
- Health Sciences Dean’s Office
- Research Affairs, Chair
- Academic Affairs EVC Office

Faculty Representatives
- SIO
- Health Sciences
- Academic Affairs

Stakeholders
- Audit & Management Advisory Services
- Business & Financial Services
- Administrative Computing & Telecommunications

Steering Team

Co-Chairs
- Research Affairs - Jason DeFay
- OCGA – Linda Collins

Central Offices
- HSSPPO – Maureen O’Connor
- SIO OCGA – Nancy Wilson
- OPAFS – Mark Cooper
- Procurement & Contracts – Ted Johnson
- Research Applications (ACT) - Kevin Chou

Departments/ORUs
- SIO – Anne Cressey
- Health Sciences – Patty Camacho
- Academic Affairs – Alma Palazzolo

Compliance Office Representatives
- Animal Care Program
- EH&S
- COI
- Etc...
eRAP’s Potential

• Create a portfolio of interrelated systems and processes to support the overall sponsored research lifecycle
  – Finding Funding
  – Preparing Proposals
  – Managing Awards
  – Conducting Research
  – Post Award Financial
  – Close-Out

• Reaching across multiple organizations and functions to effectively support sponsored research lifecycle
Sponsored Research
Administrative Lifecycle

OPAFS

Funds set-up and Post Award Financial

Identify Funding

Develop Proposal

Develop Department Approval

Department Approval

Award Acceptance & Management

Award Negotiation

Submit to Sponsor

Institutional Review and Approval

OCGA, OCGA SIO

& HS SPPO

OCA & OCGA SIO
Why eRAP is important –
UC San Diego Stats
PROPOSALS SUBMITTED (21% Increase)

AWARD ACTIONS (50% Increase)

FY04 - FY13

Includes Federal, State, Other Government, Industry and Non-Profit

* Effective February 2011, submission of non-competing NIH continuation proposals was discontinued.
Awards by Major Agency
Fiscal Years 2004 - 2013
With % of Total for DHHS, NSF, Industry and Private Non-Profits
## 63 Years of Awards at UC San Diego!

<table>
<thead>
<tr>
<th>Year</th>
<th>Awards Funded</th>
</tr>
</thead>
<tbody>
<tr>
<td>1960</td>
<td>$195,000</td>
</tr>
<tr>
<td>1970</td>
<td>$45,000,000</td>
</tr>
<tr>
<td>1980</td>
<td>$125,000,000</td>
</tr>
<tr>
<td>1990</td>
<td>$226,000,000</td>
</tr>
<tr>
<td>2000</td>
<td>$463,000,000</td>
</tr>
<tr>
<td>2010</td>
<td>$1,060,000,000</td>
</tr>
<tr>
<td>2013</td>
<td>$985,000,000</td>
</tr>
</tbody>
</table>
Current eRAP Projects

- **ePD Phase 1 (Electronic Proposal Development)**
  - Replaces Proposal Log, RES, PI Assurance and Lobbying/Debarment Forms
  - Electronic routing and approval replaces ink signatures
  - Repository for all proposal documents
  - Web-based system that allows 24/7 transparency into the record, online collaboration and remote access
  - SPO Analysts still submit according to sponsor requirements (via Fastlane, Grants.gov, etc.)
    - *ePD WILL NOT hold up a proposal deadline*

- **ePD Phase 1 timeline**
  - Live to 4 pilot departments May – November 2014
    - SDSC, Physics, Neurosciences and MPL
  - Roll-out to campus throughout 2015
Newsflash – ePD Effort at a Glance!

Proposal & Award Growth – 10 yrs

30 Testers validated ePD as effective tool

ePD Campus-wide Rollout Jan – Dec 2015

ePD Features Supports Research Enterprise

Faculty & Administrators
- Improved Services
- Greater Visibility of Proposal Status
- Automated Review/Approval
- Frees time for Research
- More accurate/higher quality proposals

VC’s, Chairs & Exec Mgmt.
- More Educated & Informed Administrators
- Central Repository for proposal and related docs
- Standardizes & streamlines campus-wide

ePD will serve...

- General Campus, Health Sciences & Marine Sciences
- 4 Central pre-award offices & 7 compliance offices
- 1500 users including PI’s & Chairs
- 120 Departments; 500 admin staff

2012 Proposals & Awards

- 4200 Proposals worth $3.5B
- 6500 Award Actions worth $1B
ePD Phase 1 Timeline – High Level

- **We Are Here**
  - **Beta Fixes, Migration, Access Provisioning & Set up**
  - **Quality Assurance (QA) Environment, QA Team Testing**
  - **Production Pilot Start:**
    - **Wave 1 - OCGA, SDSC & Physics**
  - **Pilot Production cont’d:**
    - **Wave 2 - HS SPPO, OCTA, Neurosciences**
  - **Campus-wide Rollout Cont’d – Production Wave D, E, F...**

- **Oct - Dec 2013**
- **Jul - Sept 2013**
- **Apr - Jun 2014**
- **Jul - Sept 2014**
- **Oct - Dec 2014**
- **Jan - Mar 2015**

- **Updated March. 2014**
Current eRAP Projects, cont’d.

- **Electronic Material Transfer Agreement System - eMTA**
  - Web based department facing electronic material transfer agreement system
  - Smart questionnaire tailored for a variety of research materials
  - Live since November 2012; Successfully embraced by Researchers

**Blink Research Portal**
Consolidates all research administration and related content under one structure
Addresses sponsored research lifecycle topics for researchers and admin staff
Blink.ucsd.edu/research
Future eRAP Projects*

**ePD Phase 2**

1. Reporting
   - Gather reporting requirements from stakeholders (Deans, Chairs, MSO’s, etc.)
   - Leverage Cognos Business Intelligence tools
   - Build new research DB in data warehouse

2. Advanced ePD
   - Develop Detailed Budget functionality for PD
   - Develop System to System functionality for ePD to electronically transmit detailed proposal data to qualifying sponsors (Grants.gov)

*Dependent on Funding
Questions and Discussions