FWS II Task Force

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- Joshua Rosenbloom, University of Kansas
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FWS II Research Team

Principal Investigator:
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Data Collection support:
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Scott Crawford, SSG Executive Director
Brian Hempton, SSG Study Director

Research Assistant:
Nate Decker, Univ. of South Florida
Questionnaire Content Overview

Q1–Q4 Basic Work Background
Q5–Q6 Breakdown of Work Time
Q7–Q9 Federally-funded Research Overview
Q10–13 Administrative Workload on Federally-funded Projects
Q14–16 Demographic Information
Q17 Perspectives on Funded Research and Administrative Workload
2012 FWS Timeline

- Sep 2011: Questionnaire finalized; University of South Florida IRB approved study protocol
- Oct 2011: Institution Commitments with Lists
  - PIs on U.S. Federally Funded Research Projects (including both Contracts and Grants) that were active at any point during the 2010–2011 Academic Year
  - 99 of the 119 (83%) FDP non–federal member organizations participated (with a total of 111 individual institutions)
- Jan 23, 2012: Survey launched
- Mar 22, 2012: Survey closed
- Aug 2012: Preliminary results
Comparison of 2005 and 2012 Data

2005: N = 6295
2012: N = 13453 (26% response rate)

Overall: **SPOILER ALERT**
Comparison of 2005 and 2012 Data

2005: N = 6295
2012: N = 13453 (26% response rate)

Overall: Remarkably similar patterns across surveys despite 7-year interval.

Today: A few highlights…
Workload on Federally-funded Projects

- Active Research, 57.7%
- Pre-Award Activities, 22.6%
- Post-Award Activities, 19.7%

2005
Researchers still report spending less than 60% of their research time actually engaged in research. 42% of their federally-funded research time is spent completing pre- and post-award requirements.
On average, 23% of researchers’ federal research time is spent writing proposals and progress reports; almost 20% is spent on other administrative requirements.
For Experienced, % Reporting Substantial Burden

2012 Specific Responsibilities: Prevalence By Intensity

Higher Prevalence, Higher Burden Intensity

Lower Prevalence, Lower Burden Intensity

Lower Prevalence, Moderate Burden Intensity

Higher Prevalence, Moderate Burden Intensity
2012 Specific Responsibilities: Prevalence By Intensity

- **Lower Prevalence, Higher Burden Intensity**
  - IACUC
  - Clinical Trials
  - Cross-Agency

- **Higher Prevalence, Higher Burden Intensity**
  - IRB
  - Subcontracts

- **Lower Prevalence, Moderate Burden Intensity**
  - Finances (Non-ARRA)

- **Higher Prevalence, Moderate Burden Intensity**
  - Personnel

- **Lower Prevalence, Lower Burden Intensity**
  - Effort

- **Lower Prevalence, Higher Burden Intensity**
  - Reporting

- **Lower Prevalence, Moderate Burden Intensity**
  - Clinical Trials

- **Higher Prevalence, Moderate Burden Intensity**
  - Subcontracts

For Experienced, % Reporting Substantial Burden

% of Respondents Experiencing Burden
2012 Specific Responsibilities: Prevalence By Intensity

- **Lower Prevalence, Higher Burden Intensity**
  - IACUC
  - IRB
  - Clinical Trials
  - Subcontracts
  - Cross-Agency
  - Select Agents
  - Radiation Safety
  - ARRA
  - Intell. Prop.
  - Biosafety
  - HIPAA
  - Data Sharing
  - PCII (For DHS)

- **Higher Prevalence, Higher Burden Intensity**
  - Finances (Non-ARRA)
  - Personnel
  - Effort
  - Lab
  - Safety/Security
  - Resp. Conduct
  - Research
  - Higher Prevalence, Higher Burden Intensity

- **Lower Prevalence, Moderate Burden Intensity**
  - Cntrl Sub/ Narcotics
  - Export Controls
  - Recomb.
  - DNA
  - Reimbursements
  - ARRA
  - Intell. Prop.
  - Biosafety
  - HIPAA
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Burden Rating Comparisons Between 2005 and 2012

Administrative Workload Type

Mean Time Away Rating (2—little to 5—much)

2005
2012
% Active Research Time as a Function of Funding Amount

Federal Funding Amount

< $50k  $50k -  $100k -  $200k -  $300k -  $500k -  $1 - 3M > $3M

99k  199k  299k  499k  999k

% Active Research Time on Federal Projects

40  45  50  55  60  65
% Research Reporting Time as a Function of Funding Amount

% Time Spent on Federal Projects

Pre-Award Proposals

Post-Award Reports

Federal Funding Amount

< $50k $50k - $100k $100k - $200k $200k - $300k $300k - $500k $500k - $1M $1M - 3M > $3M

99k 199k 299k 499k 999k
% Research Reporting Time as a Function of Funding Amount

- Pre-Award Administration
- Post-Award Administration

Federal Funding Amount:
- < $50k
- $50k - $99k
- $100k - $199k
- $200k - $299k
- $300k - $499k
- $500k - $999k
- $1 - 3M
- > $3M

% Active Research Time on Federal Projects:
- 4
- 6
- 8
- 10
- 12
- 14
- 16
- 18
- 20
- 22
- 24
- 26
### % Federally-Funded Research Time by Principal Fields

<table>
<thead>
<tr>
<th>Principal Field</th>
<th>Active Research</th>
<th>Proposals/Reports</th>
<th>Admin. Responsibilities</th>
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<td></td>
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<td>Pre-Award</td>
<td>Post-Award</td>
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Summary and Next Steps

- 2005 and 2012 results reveal surprisingly similar patterns.
- Administrative workload on federally-funded projects has not changed much since 2005.
- The survey allows us to identify the most prevalent and the most burdensome of administrative responsibilities; comparison to 2005 allows us to assess general areas of change.
- More detailed analyses will allow us to learn much more from this rich dataset (many of which are ongoing).
- Report to FDP of general findings is targeted for the end of this year.