Thank You for the Invitation to Brief the Senate on

Research and Northeastern: Present and Future

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February 2019
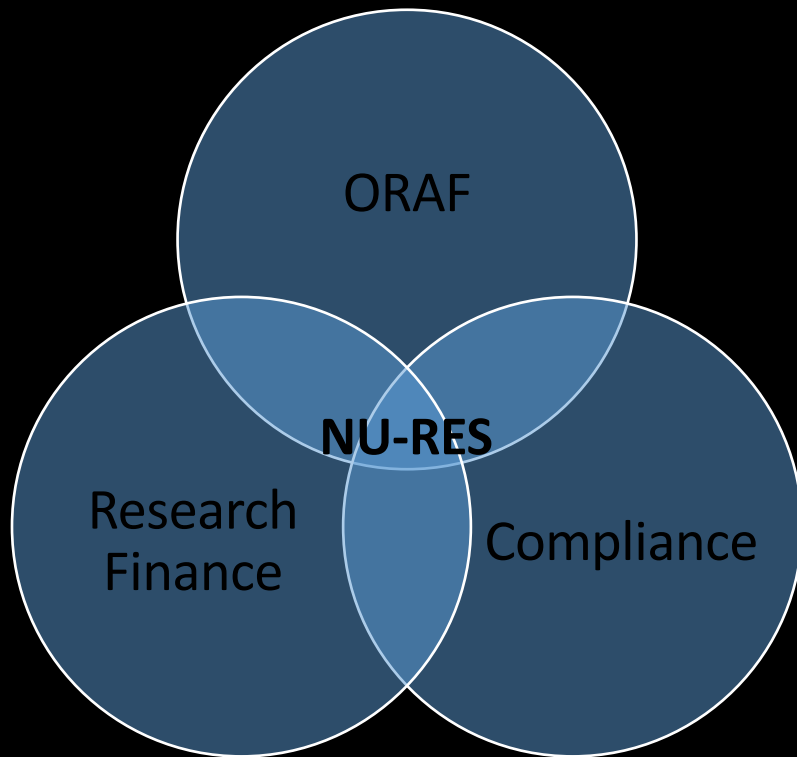
Northeastern
University

Impact of Partial Government Shutdown

- On universities – was minimal
  - Major impacts reported in the media referred to certain federal labs
- At Northeastern
  - Federal funding is about 80% of our research funding
  - NIH and DoD were not shutdown, therefore no impact
  - NSF - We floated ongoing projects - $4.6 MM, all recovered since reopening
  - If shutdown reoccurs – no reviews, panels, PI meetings, award processing
    - Funded work can continue
    - The university will float approved programs that have not received official award
  - Short term shutdown should have minimal impact
  - Long term shutdown could have an impact on our research funding trajectory
    - We will make sure no current students are harmed

Reorganization of Research Offices

ORAF

NU-RES

Research Finance

Compliance

- Newly formed Research Enterprise Services (NU-RES)

- All three groups merged under Senior Vice Provost, Research

- New Vice Provost for Research Administration – *search underway*
  - *Jeff Seo is Interim VPRA*
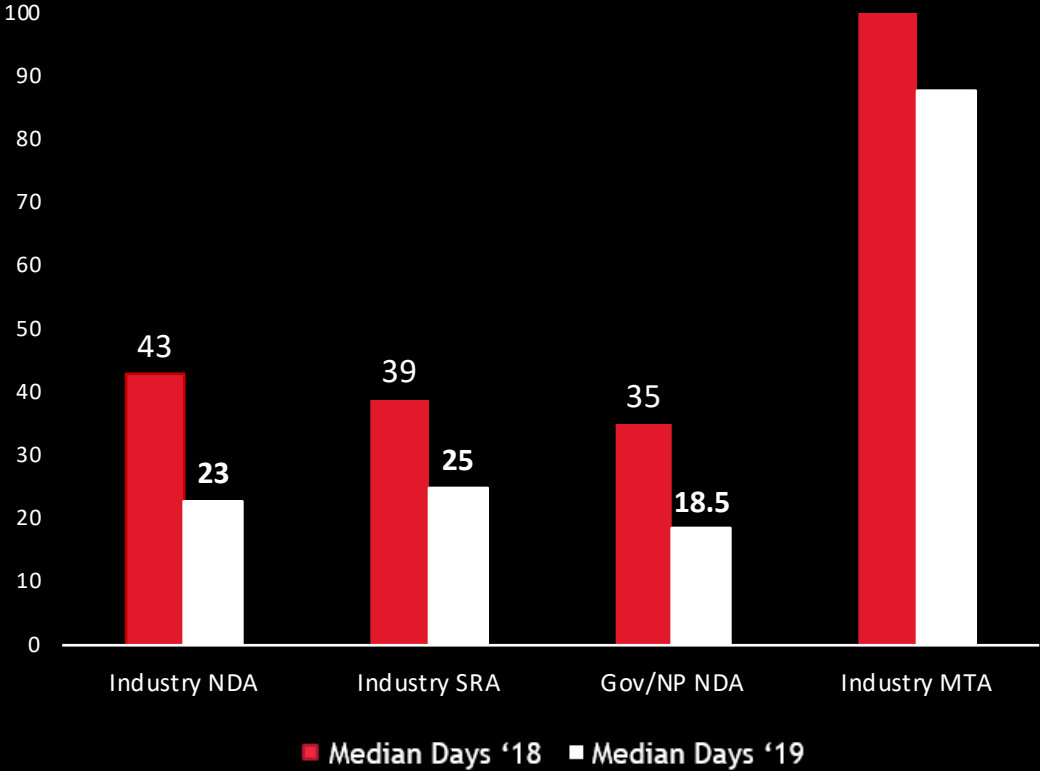
- Co-located in 177 Huntington

Progress on Research Support Processes

	Award Acceptance		Compliance Verification	
	Dec 2017	Dec 2018	Oct 2017	Oct 2018
Days	57	38	79	18

- Systematic Approach – capture data; consistently work to improve metrics

- Increase training programs for our central and college research support professionals

- Integration of new tools and systems

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Process Improvement Initiatives

- Streamline review of industry sponsored research agreements
  - Interim VPRA works closely with RPOC
  - Streamline review of industry agreements with implementing guidelines around number of exchanges with sponsors
  - Encourage transition of University NDAs into personal NDAs where applicable
  - Assess IP risk early in the process
  - Tracking median days to execution of industry agreements

- Reduce, consolidate communications from NU-RES

- Updated internal forms for ease of use / comprehension
  - Award Obligation Set-Up
  - Transaction Form
  - Subaward Request Forms

Process Improvement Initiatives

- Electronic Proposal Award Workflow System (ePAWs) Phase 1 implementation underway
  - Complete award process management → Ensures transparency for faculty
  - Dashboard for each user (including faculty)
  - Proposals & Awards Database → Virtual Database
  - Budget Calculators
  - **Review & Routing Statuses for ALL contracts / grants** (faculty access to status of all his/her grants and contracts)
  - Reports (does not track spending – will be a separate tool)
  - Tool Tips & Embedded Training

- Pilot on desktops - Spring 2019

Training Initiatives

- NU-RES developed internal cross-training courses for RA / RF teams

- New RA certification training program to be developed in 2019

- New in-person Responsible Conduct of Research (RCR) Training Workshops for new researchers to be launched in 2019

- New annual awards to recognize outstanding research administrators nominated by supervisors

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Center for Research Innovation – CRI
Protecting, Accelerating and Commercializing Innovation

- Inventor Services

- Faculty and Student Education

- Business Development and Commercialization

- Transition Support

New Initiatives – Focus on Faculty

- Institutes

  | CILS | CSI | GRI | ICP | IER | KRI | NSI | WIOT |

- Core Facilities

- Director of Entrepreneurship

- A/VP of Research Safety

Research across the Global Network

- We already have significant international engagement through collaborations

- The Campus Node View

| Boston | Burlington | Charlotte | London | Nahant | San Francisco |

| San Jose | Seattle | Toronto | Vancouver | Washington | ....

- I-Team Summer 2018

- RPOC

- In the earliest stages