

Office of Research and Sponsored Programs

GRANT Forum
Grant Research Administrators' Network Team

October 23, 2024

Office of Research & Sponsored Programs (ORSP)



AGENDA

- **Kick-off and Research Updates: Vice Provost for Research Bala Sundaram**
- **Investigator Eligibility**
- **Indirect Cost Rate Agreement**
- **Effort Reporting**
- **Research Security**
- **Award Setup Update**

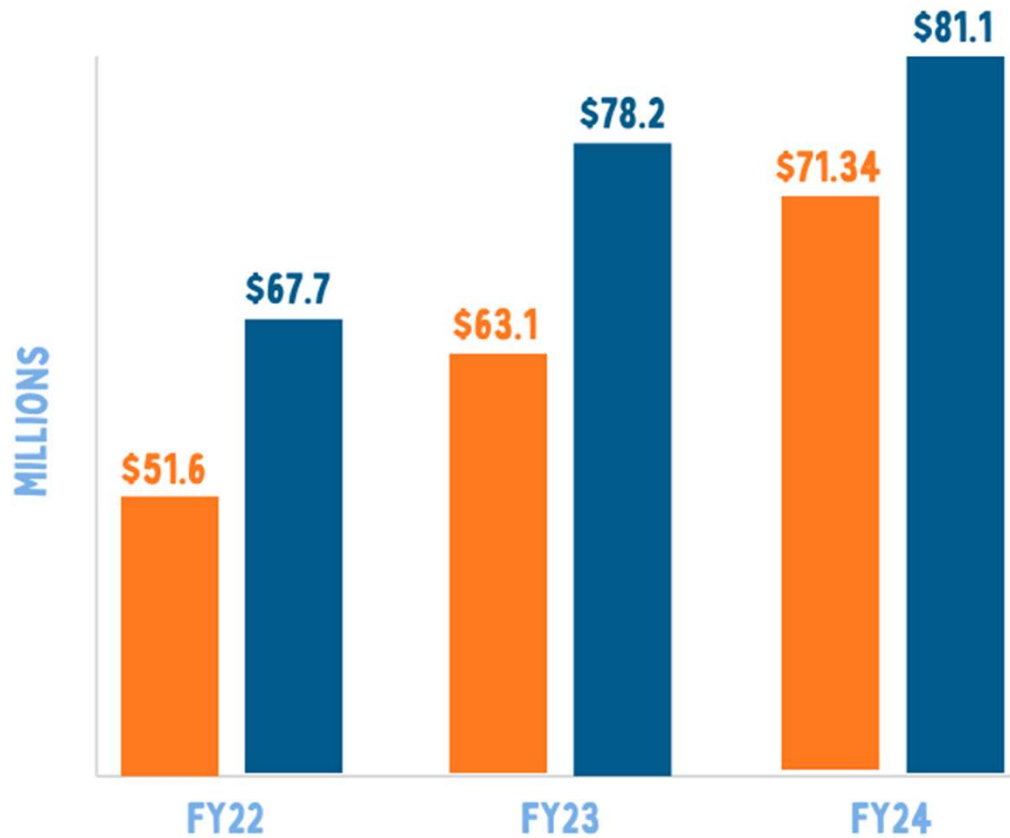
Vice Provost for Research (VPR), Bala Sundaram

FY25 GRANT FORUM Kick-off

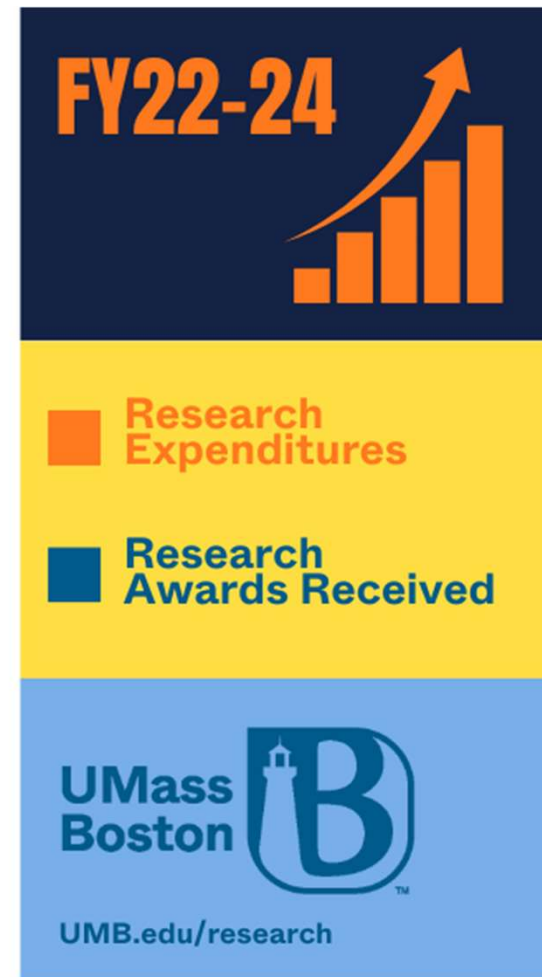
- **VPR Research Updates**
 - **ORSP Activities**
 - **Core Facilities Growth**
 - **VDC/Industry Partnerships**
- **FY25 focus areas**
 - **Promoting Research & Research Communications**
 - **Strategic Plan, Grand Scholarly Challenges**
 - **Research Support Structure**

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Year-Over-Year Growth



*Carnegie classification R1 in 2025



10 Unique Core Facilities.



UMB.edu/research/cores

1. Artificial Intelligence
2. Biophysical Instrumentation
3. Environmental Analytical
4. Field Emission SEM
5. Flow Cytometry
6. Genomics
7. Imaging
8. Proteomics
9. Quantum
10. Vivarium

- **Management Model**
Leads: Faculty
Operations: Undergraduate & Graduate Students
- **Focus**
Faculty & Industry Engagement
- **Training**
Workforce Development
Training/Workshops Provided

- Recruitment of companies in our incubator, the Venture Development Center (VDC), considers interaction with faculty at the core facilities among the criteria.

External Grants Received - Cores

Core Facility PI	Core Facility	NSF	MLSC	MTC
Johannesson, Karen	Environmental Analytical	491,796		
Sa, Niya	FESEM	426,500		
Macoska, Jill	Genomics & Other Cores		10,000,000	
Macoska, Jill	Genomics		388,324	
Bell, Matthew	Quntum Hardware			999,000
Haehn, Daniel	AI Core		750,000	
Dowling, Dan	Biophysical Instrumentation		1,647,201	
Evans, Jason	Proteomics		722,393	
Macoska, Jill	Genomics		1,288,464	
		918,296	14,796,382	999,000
			TOTAL Grant Funds	\$16,713,678.00

An additional MTC award of \$3.8M to the Quantum Core is anticipated.

Venture Development Center



- New Executive Director: Shubhro Sen
- New Program and Outreach Manager: Maria Vasilevsky
- Companies: 23
- GEIR Outreach: 40 U+G
- ENT-Boot Camp: 1 (Enrollment: 40)
- **Student Start-ups: 5**
- **Faculty Start-ups: 1**

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40+ Industry Partners --



AGENDA

- **FY25 focus areas**
 - **Promoting Research & Research Communications**
 - **Strategic Plan, Grand Scholarly Challenges, Research Development**
 - **Research Support Structures**

Promoting Research – LinkedIn

- [UMass Boston Research on LinkedIn](#)



Please follow us and Ideas for stories or events are always welcome:
research.news@umb.edu

- [UMass Boston Research Core Facilities on LinkedIn](#)



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Promoting Research & Research Communications

- **Research Newsletter**
 - The ORSP Research Newsletter is sent once per month to the staff and faculty at UMass Boston
 - Highlights new funding opportunities, awards received, training resources, and other important updates
- **Annual Research Magazine**
- **Research communications coordinator**
 - Sandra Mason
 - Ideas or feedback are always welcome.
Contact: research.news@umb.edu



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Strategic Plan – Grant Scholarly Challenges

- **GSC1: Climate Equity & Urban Coastal Areas**
- **GSC2: Bridging Divide in Health Equity – From Cells to Society**
- **GSC3: Education for the Future**
- **GSC4: Advancing a Just Society – Local and Global Dimensions**

Research Support Structures

- **New Research Development Team**
 - Over the past year, we formed a new team of ‘associate deans for research’ to work towards best practices in providing the support our researchers in how to identify and develop research ideas. Increase faculty/researcher engagement in research and external funding within each college.
 - Outcome – workshops and trainings available for all faculty
- **New Staffing Structure**
 - Over the past year, we have started to shift to a new staffing structure for supporting researchers in navigating and managing the complexities of sponsored research.
 - DRAs are organized in teams managed by our Department Research Administrator IV/Team Leads
 - CSM/MCNHS/SFE: Kyle Levesque
 - CEHD: Georgia Carvalho
 - All Others (CLA, CM, VPASS, C/I, all others): Antoinette Candela



[View ORSP Contacts by Department](#)

Investigator Eligibility

Comprehensive New and Improved Resources for “Becoming an Investigator at UMB”

- **ORSP Roles and Responsibilities Matrix**
- **Investigator Eligibility Policy**
- **Investigator Handbook**
- **Kuali Build Form - Investigator Eligibility Application**

Investigator Eligibility

ORSP Roles and Responsibilities (R&Rs) Matrix

- Detailed Task Level R&Rs for Investigators
- Follows the Grant Lifecycle
- Identifies Primary, Secondary and Advisory Roles per Task
- Cross-references other R&Rs for each task (i.e. ORSP, Unit and other UMB divisions)

Investigator Eligibility

New Policy Statement for Investigator Eligibility

- **Eligibility is determined by:**
 - Faculty/Staff Position and Appointment Status
 - Completed Training and Compliance Requirements
- **Eligibility Status includes:**
 - Eligible (i.e. Tenure/Tenure track Faculty)
 - Eligible *with Approval* (i.e. Emeritus Faculty)
 - *Not Eligible* (i.e. Students)

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Investigator Eligibility – Eligibility Matrix

Investigator Eligibility Matrix

The Matrix below contains investigator eligibility levels associated with various HR appointment types and positions at UMass Boston. The table has three main sections: Eligible, Eligible with Approval, and Not Eligible. Each of these sections is categorized with examples below the category headers.

Eligible			Eligible With Approval		Not Eligible	
Tenure & Tenure-Track Faculty	Research Faculty	Professional Staff	Non-Tenure Track Faculty	Other	Students	Non-Faculty & Other Staff
Tenure-track Assistant, Associate, and Full Professors	Research Assistant Professor	Senior Research Fellows	Adjunct Faculty	Post Docs	Undergraduate	Contingent Workers**
Tenure Assistant, Associate, and Full Professors	Research Associate Professor	Research Scientist	Emeritus	Librarians	Graduate Students	Classified Staff
	Research Professor	Program Director	Lecturers	Visiting Professors		
	Clinical Professors	Research Associate	Incoming Faculty*	Incoming Staff*		

*Incoming Faculty and Staff who have not yet completed their onboarding or who have an upcoming start date.

**Contingent workers who will be appointed to an award as Faculty or Staff are eligible for proposal submissions, the appointment must be completed to hold an award

New Policy Statement for Investigator Eligibility shows how eligibility is determined.

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Investigator Eligibility

Investigator Handbook

- **Comprehensive High-Level R&Rs for Investigators**
- **Follows the Grant Lifecycle**
- **Cross-references Related Policies & Procedures, Guidelines and Resources for each R&R**

Investigator Eligibility

Kuali Build Form - Investigator Eligibility Application



Investigator Eligibility Application

The status of investigator (see definitions below) is granted by the university as a matter of privilege. This application is required for all new investigators to ensure the highest standards of integrity, compliance, and effectiveness in the conduct of research, facilitating a collaborative environment that fosters innovation, accountability, and the advancement of knowledge.

Form is Launched by the *New Investigator*

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Investigator Eligibility

Kuali Build Form – Investigator Eligibility Application cont...

- **Validation and Workflow Steps:**
 - Investigator Acknowledgements & Certifications
 - Validation Steps to Confirm Investigator Appointment and Position Status
 - Required Training, Etc.
 - Investigator Attestation

Investigator Eligibility

Kuali Build Form - Investigator Eligibility Application cont...

- **Eligible with Approval...*Additional Requirements:***
 - Specific Notice of Funding Opportunity (NOFO)
 - Unit Approval
 - On a Per-Proposal Basis

Investigator Eligibility

Project Status:

- **ORSP Roles and Responsibilities Matrix: *Published***
 - Current Version is Published on ORSP Website
- **Investigator Eligibility Policy: *Under Development***
 - Pending Comprehensive Training Matrix for Investigators
- **Investigator Handbook: *Under Development***
 - Pending Final Review from All ORSP Areas
- **Kuali Build – Investigator Eligibility Application: *Final Draft***
 - Pending Workflow Development

Indirect Rate Agreement – What are Indirect Costs?

What are Indirect Costs?

Indirect Costs, also known as ‘overhead’ and ‘facilities and administration’ (F&A), are those costs that UMass Boston incurs for common or joint objectives that cannot be identified easily with a particular project. Such costs are for UMass Boston facilities and administrative services as a whole. Examples of these pooled costs include:

- Maintaining and operating a physical plant
- Utilities (heat, cooling, electricity)
- Department administration and General administration (ORSP)
- Library

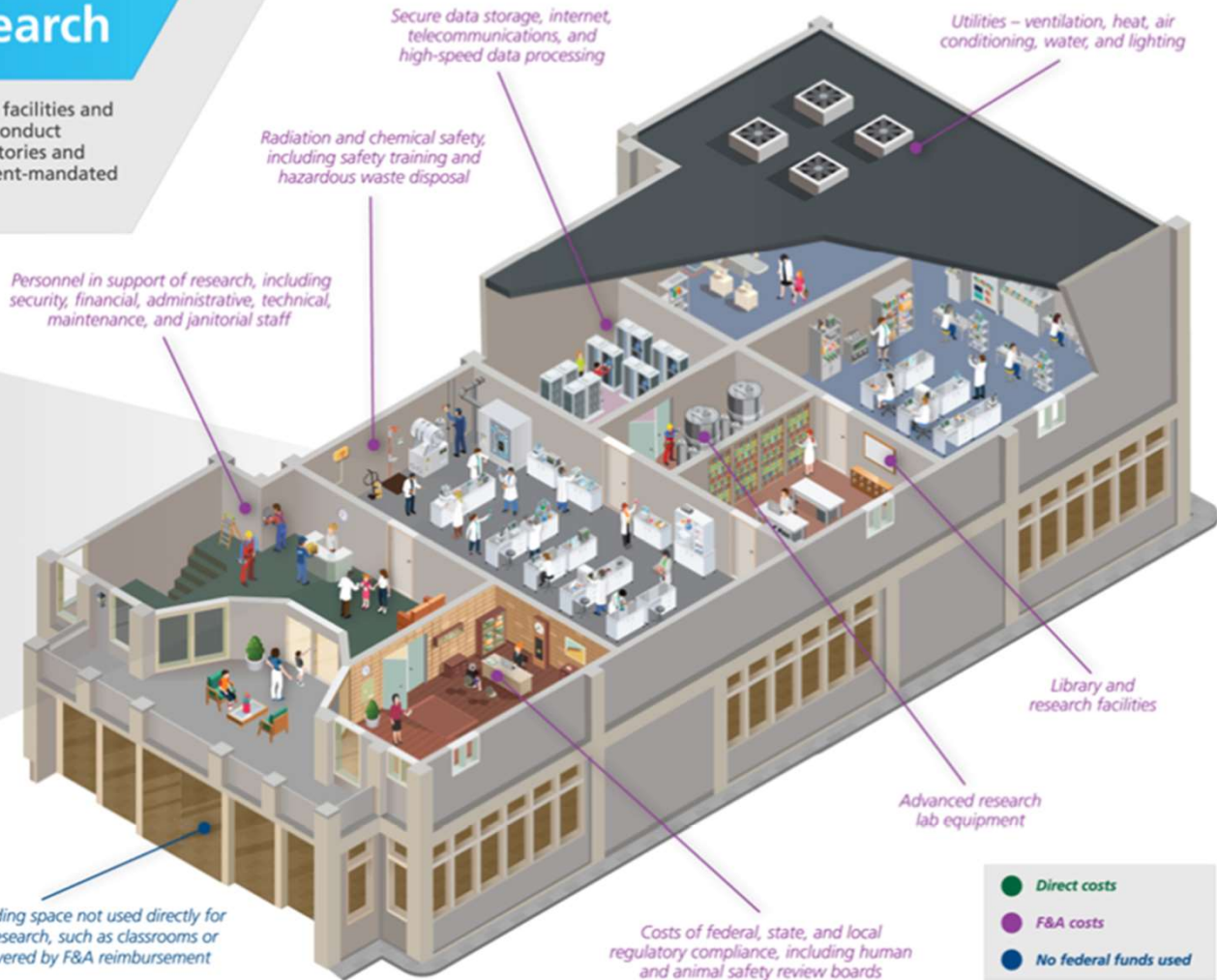
Indirect rates are derived percentages based on our actual overhead costs compared to direct expenditures on our sponsored programs. These calculated percentages are typically higher than the final rates negotiated with DHHS. This year the Office of [Management and Budget \(OMB\)](#) is updating the [Uniform Guidance \(UG\)](#) effective October 1, 2024. These UG changes include revisions to the subrecipient Modified Total Direct Cost (MTDC) threshold allowance for subawards.

Costs of Federally Sponsored Research

The total cost of federally sponsored research includes a combination of both direct and facilities and administrative (F&A) costs. Both types of expenditures are key to an institution's ability to conduct cutting-edge research. F&A consists of the construction and maintenance costs of laboratories and high-tech facilities; energy and utility expenses; and safety, security, and other government-mandated expenses. These costs are real and research cannot be conducted without them.



Direct costs - These expenses solely cover research and include lab supplies and equipment; salaries and stipends for researchers and graduate students; and travel costs for conducting and sharing research



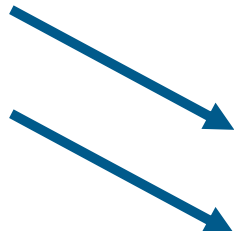
- Direct costs
- F&A costs
- No federal funds used

Indirect Rate Agreement – New Rates

- **New Indirect Rates (aka 'overhead' and 'F&A') Effective 7/1/2024 - 6/30/2025**
 - Research 53%
 - Instruction 48%
 - Other Sponsored Activity 35.7%
- **Research Rate Increases**
 - 7/1/2025 54%
 - 7/1/2026 55%
 - 7/1/2027 55.5%
- **Off Campus**
 - Rate 26%
 - Off Campus rates apply anytime 50% or more of the project activities are performed in facilities not owned by UMass Boston or where rent is directly allocated/charged to the sponsored project.

Indirect Rate Agreement – New Subrecipient Threshold

- **New Indirect Base for Subrecipients Effective 7/1/2025**
 - For award beginning 7/1/2025 and later
 - Subrecipient base for calculating Indirect is increasing from \$25k to \$50k
 - Indirect charges will be calculated on the first \$50k of a subaward
- **Impact to Proposal Budgeting**
 - All proposals submitted on or after 10/01/2024
 - All proposals with a proposed start date on or after 7/1/2025 should use the new subaward budget categories of \leq \$50K and $>$ \$50K



6SUBCONTRACT \leq 25	Subaward/Subcontract \leq 25K: Sum of first \$25,000/subrecipient
6SUBCONTRACT $>$ 25	Subaward/Subcontract $>$ 25K: Sum in excess above \$25,000/subrecipient
6SUBCONTRACT \leq 50	Subaward/Subcontract \leq 50K: Sum of first \$50,000/subrecipient
6SUBCONTRACT $>$ 50	Subaward/Subcontract $>$ 50K: Sum in excess above \$50,000/subrecipient

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Indirect Rate Agreement – Resources Updated

- **PI Toolkit**
 - Indirect Rate Cost Rate Agreement FY24-28
 - Indirect Rate Policy for grant and contract proposals to external sponsors
- **Kuali Proposal Development**
 - Indirect Waiver Form – Launching from Kuali PD
 - Questionnaire Question 3 Indirect Rate Variance
- **All Forms**
 - Budget Worksheet
 - Includes FY dropdown to accommodate different rates
 - Indirect Waiver Form

Effort Reporting

What is Effort Reporting and why is it important?

To be compliant with regulations regarding compensation for personal services, UMass Boston must ensure that salaries and wages charged to sponsored projects are allocable, allowable, reasonable, and consistently applied.



The UMass System uses ECC to provide the required after the fact verification that employee compensation charged to sponsored projects is applied as expected and represents a reasonable approximation of effort committed to those projects.

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Effort Reporting

Roles and Responsibilities:

- Principal Investigators (PIs)
 - Verify effort commitments are captured accurately (viewable in SUMMIT)
 - Monitor sponsored project expenditures
 - Certify effort for themselves, and any key employees paid from their sponsored projects (self-certifiers will certify their own effort statements)
- Effort Coordinators (ECs)
 - Assigned by department – every department must have at least one EC
 - Departments that are fully supported by the new DRA structure will have a DRA assigned as their EC
 - Review effort statements prior to effort period opening
 - Are available to answer questions PIs may have about certifying
 - Ensure all effort statements are certified for their departments
 - Review and process effort tasks in ECC
- ORSP Central Administrators (CAs) - Ginny & Tracey
 - Manage the ECC System
 - Send out effort notifications
 - Train PIs and ECs
 - Monitor the ecc@umb.edu email inbox

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Effort Reporting

Certification Schedule

- UMass Boston certifies effort annually by academic year
 - Effort Period = September 1 through August 31
 - Certification Period = Timeframe for certifying the previous academic year
- Training for ECs will be offered remotely in November, registrations links:
 - [November 1 from 3:00 – 4:00](#)
 - [November 4 from 10:00 – 11:00](#)
 - See the [Effort Reporting](#) webpage for more information

2023 – 2024 Academic Year Effort Period

- September 1, 2023, through August 31, 2024

FY25 Certification Period

- Certifies the 2023 – 2024 academic year effort period
- Period opens for certification November 4, 2024
- Period closes December 20, 2024

Now is a great time to review all payroll applied to sponsored projects and make any adjustments that might be needed!

Research Security Training

US government has raised concerns about foreign government interference at research institutions receiving federal funds and has issued new research security policies, guidance, and rules to address these concerns. The government has emphasized that the responsibility for protecting US research from undue foreign influence belongs to individual researchers and their institutions.

Malign Foreign Talent Recruitment Programs (MFTRPs).

The U.S. Government and federal sponsors have raised significant concerns with foreign talent recruitment programs and malign foreign talent recruitment programs. These programs can lead to conflicts of interest or commitment, the inappropriate transfer of federally-funded research to foreign governments, violation of export control laws, and theft of intellectual property. Any country can sponsor a foreign talent recruitment program, the U.S. Government is particularly concerned with programs affiliated with **China, North Korea, Russia, and Iran.**

Malign Foreign Talent Recruitment Programs (MFTRPs).

Key Points of the Policy:

- **Mandatory Disclosure:** All faculty members, as well as graduate and undergraduate students, post-doctoral researchers, and other individuals involved in federally funded research (collectively referred to as "Covered Individuals"), are required to disclose participation in any Foreign Talent Recruitment Programs (FTRPs) through the appropriate campus channels. Disclosures should be made annually and updated within 30 days of any material changes in UMB's eRA system, Kuali. **-Complete and accurate disclosures of all outside activities (paid and unpaid), in-kind and other support, and foreign travel are of the utmost importance.**
- **Training Requirements:** Federally Funded individuals including faculty, research staff and students are **required** to complete training on FTRPs every four years. UMB will offer this training through our campus' CITI Program (Research Security Modules).

CITI Modules

Module 1: What is Research Security?

Module 2: Disclosure

Module 3: Manage and Mitigate Risk

Module 4: International Collaboration

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Malign Foreign Talent Recruitment Programs (MFTRPs)

Kuali Updates Related to MFTRP:

- **Kuali Proposal Development**

- MFTRP Certification has been added to the Proposal Person Certifications under Key Personnel

Pursuant to Section 10632 (42 U.S.C. section 19232) I certify that I am not party to a malign foreign talent recruitment program. ⓘ

I certify the above statement is accurate

- **Kuali Conflict of Interest**

- MFTRP language has been added to the Foreign Influence section of the disclosure

New NSF Malign Foreign Talent Recruitment Programs Certification Requirements

Individuals who are party to a Malign Foreign Talent Recruitment Program are not eligible to serve as a senior/key person on a National Science Foundation (NSF) proposal.

The National Science Foundation (NSF) [Proposal & Award Policies & Procedures Guide \(PAPPG\) \(NSF 24-1\)](#) go into effect May 20, 2024.

One significant change is [Chapter II.D.1.e\(ii\), Malign Foreign Talent Recruitment Programs \(FTRPs\)](#). This new section addresses Section 10632 of the CHIPS and Science Act of 2022 (42 U.S.C. § 19232) regarding malign foreign talent recruitment programs.

[Foreign Influence Consultation](#)

Individuals are required to completely and accurately disclose all foreign relationships in the University the Kuali system. These disclosures should match what is being reported and certified on the SciENcv documents.

Anyone who has been approached with an opportunity to join a FTRP or is unsure whether they are involved in a FTRP should request a foreign influence consult with the Office of Research and Sponsored Programs (ORSP)

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Award Setup Updates

Sponsored Research Administrator (SRA) - NEW ORSP ROLE!

- Focusing entirely on award setups and modifications
- Single point of contact
- Providing transparency and consistency to this critical process
- Contact: ORSPInternalActions@umb.edu

Current Status:

- Live Items: 78
- New Awards: 14 (7 actionable)
- Modifications: Bulk are PI Changes, NCEs, and Budget Mods
- Still on pace to have up to date by end of October

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Internal Training Opportunities

Kuali Trainings:

- See [Kuali ORSP Webpage](#)

Kuali Proposal Development Approver Training Sessions

Sign up for a 1-hour session using the links below:

[Monday, October 28 from 4 - 5 p.m.](#)

Kuali Proposal Development Aggregator (proposal entry) Training Sessions

Sign up for a 2-hour session using the links below:

[Monday, October 28 from 10 - 11 a.m.](#)

SUMMIT Trainings:

- See [Training & Education ORSP Webpage](#)

SUMMIT for Sponsored Projects Training Sessions

SUMMIT is UMass Boston's fiscal reporting tool and is essential for effectively managing your sponsored projects. Sign up for a 1-hour session using the links below:

- [Tuesday, October 29 at 3 p.m.](#)

External Training Opportunities

SRAI

SRA International 2024 Annual Meeting
Chicago Marriott Downtown Magnificent Mile
October 26 – 30, 2024

2024 PRIM&R Annual Conference

Seattle, Washington
November 17–20, 2024

SRAI -Pre-Award Fundamentals Intensive

November 7 - December 19
Thursdays, 1:00 - 3:00 PM ET
Live Learning via Zoom

NCURA - Annual Meeting

Future Locations and Dates:

- August 10-13, 2025 in Washington, DC
- August 1-4, 2026 in New York City, NY

NCURA - Financial Research Administration (FRA)

Future Locations and Dates:

March 17 & 18, 2025: San Diego, CA

NCURA - Pre-Award Research Administration (PRA)

Future Locations & Dates:

March 20 & 21, 2025: San Diego, CA





National Science Foundation Policy Office

December 9–12, 2024 - Conferences and workshops

**NSF Virtual Grants Conference -
December 9-12, 2024**

[Link: NSF Fall 2024 December 9-12 Virtual Grants Conference](#)

QUESTIONS

Office of Research & Sponsored Programs (ORSP)

ORSP Leadership

[Matthew Meyer](#)

Associate Vice Provost for Research
and Director of ORSP

[Shala Bonyun](#)

Associate Director of ORSP
Preaward Support Services

[Rebecca Hanson](#)

Associate Director of ORSP
Postaward Support Services

[Tracey Poston, PhD](#)

Associate Director of ORSP
Research Compliance and Integrity

[Virginia Maki](#)

Assistant Director of ORSP
eRA Systems and Training

[Serena Wang](#)

Research Core Facilities &
Operations Manager of ORSP

Office of Research & Sponsored Programs (ORSP)