Office of Sponsored Programs

Mission and Function

The mission of the Office of Sponsored Programs (OSP) is to assist the MIT research community in securing sponsored research funding and administering those funds in a manner consistent with the mission and goals of the Institute. Our aim is to make the administration of these funds as easy and efficient as possible. The primary functions of the office are to assist departments, labs, and centers (DLCs) in the preparation of proposals, and to review proposals to ensure adherence to sponsor requirements and compliance with Institute and sponsor policies. Additional functions of the office are as follows:

- The negotiation and review of agreements that support MIT’s research community, including sponsored research agreements, nondisclosure agreements, subaward agreements to other institutions and organizations, unfunded collaboration agreements, consortia agreements, and other agreements that sustain MIT’s research efforts
- Post-award administration to assist DLCs in meeting MIT and sponsor requirements in carrying out sponsored programs
- Calculation, audit defense, and negotiation of MIT’s facilities and administrative and employee benefit rates
- Development and maintenance of Kuali Coeus (KC)—a grant management system that supports the Institute’s policies and management of sponsored agreements as well as Institute reporting needs
- Development and delivery of specialized training on research administration policies and procedures
- Implementation of processes and systems for the administration of the Institute’s export control and conflict of interest policies

Sponsored Programs Statistics

Research Expenditures

- On- and off-campus research expenditure volume (exclusive of Lincoln Laboratory) was up 1.67% to $731.5 million compared to $720 million in FY2017
- Federal research expenditures are down 1.5%, while nonfederal expenditures are up 7.4%
- Lincoln Laboratory research expenditures increased by 0.2% to $973 million
- Campus and Lincoln Laboratory combined research volume is up 0.8% to $1.705 billion

Other Sponsored Activities and Instruction Expenditures

Other sponsored activities (OSA) include conference grants, instruction awards such as fellowships, and awards for institution building, particularly with our large
international sponsors. These expenditures are in addition to the research expenditures reported above and in the *Brown Book*.

- On- and off-campus OSA expenditures totaled $117 million, which is down 9.4% compared to FY2017
- Campus research and OSA (exclusive of Lincoln Laboratory) totaled $848 million in FY2018
- Other sponsored activities account for 14% of total campus sponsored volume

**Proposal, Award, and Subaward Activity**

- Proposals submitted: 3,173 (up 4% from FY2017)
  - Federal proposals: 1,785 (includes 622 federal flow—down 2% from FY2017)
  - Nonfederal proposals: 1,388 (up 13% from FY2017)
- New awards: 1,139 (up 4% from FY2017)
  - Federal awards: 604 (down 4% from FY2017)
  - Nonfederal awards: 535 (up 15% from FY2017)

**Advocacy and Education**

MIT is a leader in developing international research alliances. Over the last year, OSP assisted in several efforts to provide data and information as to how we establish standards for monitoring foreign involvement in our international research programs, including those in Russia and China.

In addition, OSP has been closely monitoring the federal budget process and prepared data analyses, presentations and other materials for the Vice President for Research (VPR) to assist in MIT’s efforts to advocate for research funding.

**Counsel on Governmental Relations**

MIT continued to participate in various data collection and advocacy efforts through the Counsel on Governmental Relations related to the Network Infrastructure and Services team’s new regulations on Controlled Unclassified Information—which became effective in December 2017—changes in the Common Rule, implementation of the Uniform Guidance procurement and the micro-purchase threshold, changes in the National Institute of Health’s definition of clinical trials, partnering with foundations, implementation of the new European Union’s new data monitoring regulations—which became effective in May 2018—and ongoing efforts to defend MIT’s ability to recover full facilities and administrative rate from its sponsors.
Institute-Wide Committees

International Coordinating Committee

The International Coordinating Committee (ICC) is a cross-functional committee co-chaired by the director of OSP and the director of the Office of Major Agreements, and sponsored by the Associate Provost for International Affairs Richard Lester and the Executive Vice President and Treasurer Israel Ruiz. The ICC was launched in winter 2012 with three goals:

- Support the negotiation of international sponsored programs
- Identify, improve, and resolve issues related to MIT policy and procedures that prevent the smooth operation of international activities
- Coordinate with the International Advisory Committee and its co-chairs to support the academic interest of the faculty related to international activities

Key ICC accomplishments in FY2018 include the following:

- Based on usage metrics and user feedback, continued to enhance the ICC website (e.g., with new and improved content on cultural resources and international safety and security)
- Continued a learning series for members of the ICC Policies and Procedures Coordinating Group with individual MIT international programs highlighting operational challenges and best practices
- The ICC Negotiations Group met regularly to strategize and coordinate pre-award administrative support for principal investigator (PI)- and Institute-level international collaborations and flag potential issues for senior administration
- A subset of the ICC supports MIT International, a new entity formed to support MIT’s research and educational activities conducted abroad

Research Administration Coordinating Council

The Research Administration Coordinating Council (RACC) is an Institute-wide coordinating and advisory committee on research administration and compliance sponsored jointly by the VPR and the Vice President for Finance (VPF). It is composed of high-level representatives from key central administrative units and the offices of the provost, VPR, and school deans. It was launched in March 2009 to support coordination among key offices involved in research and sponsored programs administration and to provide ongoing review of research and sponsored programs administration policies, systems, and business practices and processes to improve the way the Institute manages sponsored funding.

Under the direction of RACC’s executive sponsors: the VPR’s and VPF’s work plan has focused on a set of strategic activities with the goal of creating excellence in research administration. In September 2017, the VPR and VPF launched the Advisory Committee for Research Administration under RACC, which was established to engage the research administration community on important issues in research and sponsored programs administration. At the first meeting on September 6, 2017, the group identified some
common themes: support for people, collaboration and community building and process improvement, and automation and integration. These themes helped us build our work plan for FY2018 through FY2020, which includes support for resources, training, and tools to provide better support for research administrators, mechanisms to share best practices and build community, and address key pain points: cost sharing, under recovery, record retention, and salary certification.

Activities and accomplishments during FY2018 include the following:

- Supported the launch of the RA Support team (RA Hub) and provided guidance and feedback in the development of programs and services to support the research community; the RA Hub had a very productive and successful first year.

- Made important progress on the project to improve the cost sharing process and reporting that we launched at the end of FY2017; made a case and received support from the Administrative Systems Steering Committee and IT Governance Council for the funding in FY2018 to make the needed changes to SAP and to support the development of the necessary reports to accomplish our objectives; launched the Cost Sharing Project Advisory Group and made significant progress in the development of the Cost Sharing Companion App to replace the paper cost sharing template, reporting enhancements to SAP and cost sharing reports; this work will continue in FY2019 with a planned rollout of the new process during spring 2019.

- Provided guidance and feedback to VPF on the rollout of the new procurement practices required by Uniform Guidance.

- Provided guidance and feedback to VPF on the implementation of the new pay cycle, on several enhancements to the B2P project and on how to address compliance issues related to the travel process on sponsored awards.

- Continued to monitor and oversee the compliance of the quarterly salary certification process with continued success; over the past year, we have continued to move away from proxy certification, toward direct certification by the PIs with 72% of the eDACCAs being directly certified in FY2018.

Core Group

Launched in February 2018 by Vice President for Finance Glen Shor, the Core Group was formed to ensure that appropriate administrative oversight is being applied to the development of large and unusual transactions. Monthly meetings include representatives from OSP, VPF, Office of the General Council, Office of Major Agreements, and the Office of Research Development.

Key Accomplishments

Training and Outreach

The OSP is continuously engaged in outreach and educational activities to support faculty and administrators in securing and managing sponsored funding in accordance with sponsor and MIT requirements. Key accomplishments for FY2018 include the following:
• The OSP newsletter launched in November of 2017. This monthly newsletter targets the research administration community focusing on resources and tools for different aspects of research administration, policy changes, website updates, training, and events.

• OSP hosted a Forum on the Research Terms and Conditions Matrix, providing DLC administrators with tools to better understand and manage their federal awards.

• Our conflicts of interest (COI) officer led development of a new MIT community COI portal, launched in August 2017, which houses COI guidance documents and online COI questionnaires designed to help faculty and department heads meet MIT policies with respect to reviewing and vetting outside consulting activities and other potential sources for conflicts. Rollout of tools will continue into 2019.

• Our Export Control officer met with several key DLCs this year (MIT STAR Lab; Kavli, Nuclear Science and Engineering; Haystack; MIT Energy Initiative [MITEI]; MIT International Science and Technology Initiatives [MISTI]; International Students Office; and IS&T) to review export control programs in process and deliver remedial training in the case of export control incidents, which have special international interactions. Over two hundred MIT individuals received in-person export control training during this period.

• OSP delivered training under the Fundamentals training series, focusing on MIT’s policies and procedures for sponsored projects, offered in collaboration with VPF to 114 MIT employees.

• OSP staff participated on the Planning team and broader working group for the Proposal Preparers Project, which gathered community input on training needs and formed the basis of many training offerings provided this year.

• Ten members of OSP staff served as subject matter experts on seven different topics for the research administration community over the past year. Topics varied from sponsor-specific resources to the lifecycle of an award.

• OSP discussed piloting proposal process changes with the McGovern Institute for Brain Research at MIT and the Department of Biology.

• OSP staff presented at national meetings, including National Council of University Research Administrators and Society of Research Administrators meetings.

**Manufacturing USA Program**

In FY2018 MIT continued its participation in the Manufacturing USA Program. This program brings together industry, academia, and federal partners, creating linked Manufacturing Innovation Institutes to increase US manufacturing competitiveness and promote the nation’s manufacturing research and development infrastructure.

An extensive amount of administrative and financial support from across the Institute was required to ensure MIT’s participation in this program. OSP provided advice and support to the MIT teams regarding proposals, membership agreements, conflicts of interest management, cost sharing, agreements and structure for participation in
leadership roles, and other administrative aspects of participation. MIT is currently a member of 10 Manufacturing Institutes.

MIT successfully negotiated member agreements and is part of 10 of the 14 Manufacturing USA Innovation Institutes. These institutes are public-private partnerships that each have distinct technology focus but all work toward a common goal: to secure the future of manufacturing in the United States through innovation, education, and collaboration.

- Advanced Robotics Manufacturing: Funded by the Department of Defense (DOD), this initiative is just starting and the first two MIT projects are in house.
- CESMII (Clean Energy Smart Manufacturing Innovation Institute): Funded by the Department of Energy (DOE), this initiative is just starting and proposals for funding have been submitted.
- REMADE (Reducing Embodied-Energy and Decreasing Emissions): Funded by the DOE, the first two MIT projects are being negotiated.
- RAPID (Rapid Advancement in Process Intensification Deployment Institute): Funded by the DOE, the proposals for funding have been submitted.
- ARMI (Advanced Regenerative Manufacturing Institute): Funded by the DOD, MIT is in negotiations for one project award.
- AIM (American Institute for Manufacturing Integrated Photonics): Funded by the DOD, this institute is now in year three of the program, and MIT has received approximately $10 million in funding, including the workforce development program, which MIT is leading.
- NIIMBL (National Institute for Innovation in Manufacturing Biopharmaceuticals): Funded by the National Institute of Standards Technology, MIT is currently negotiating the first two awards.
- AFFOA (Advanced Functional Fabrics of America): Funded by the DOD, this institute is now in year two of the program, and MIT has received projects totaling $1 million. MIT applied for and won the project for AFFOA funding. OSP and other units at MIT assisted with administrative aspects of the project, including drafting the membership agreement for AFFOA members (over 100 members to date) and identification of consultants to provide temporary policy support. AFFOA is headquartered in Cambridge, MA.

**Improving Contract Negotiations**

OSP is in the process of examining processes and policies related to completing contract negotiations for research and research support agreements (e.g., nondisclosure and data use agreements). This included the following:

- Capturing all contract negotiations in our Kuali Coeus system
- Frequent portfolio reviews and increased oversight and assistance by senior OSP leadership and the Office of the General Counsel to move agreements to completion
- Analysis of contract language and assessment of risk of accepting “nonstandard” terms
• Developed weekly reports on contract status for all agreements under negotiation
• Providing weekly reports to senior administration on major initiatives under negotiation

In FY2018, OSP received a total of 740 requests to negotiate all types of research-related agreements. Led by the Nonfederal Agreements team, OSP negotiators completed a total of 566 agreements, including 303 funded agreements for $313 million in funding, plus an additional 263 research support agreements. Two examples of our high-profile agreements appear below.

**IBM**

This $90 million research program led by the dean of the School of Engineering establishes the MIT-IBM Watson Artificial Intelligence Laboratory to carry fundamental artificial intelligence (AI) research and seek to propel scientific breakthroughs that unlock the potential of AI. The collaboration aims to advance AI hardware, software, and algorithms related to deep learning and other areas; increase AI’s impact on industries, such as health care and cybersecurity; and explore the economic and ethical implications of AI on society. The effort has already led to two rounds of funded proposals for collaborations between MIT faculty and IBM researchers. This program is part of IBM’s $240 million investment in AI, including a new research facility in Cambridge, MA.

**Commonwealth Fusion Systems**

A new start-up fusion company, Commonwealth Fusion Systems (CFS), was formed by three MIT researchers in early 2018 to expand upon intellectual property developed at MIT under Department of Energy funding. The start-up was funded by the Italian energy company Eni and private investors, and will provide at least $30 million in research funding with the ultimate goal of rapidly commercializing fusion energy and establishing a new industry. This project was uniquely crafted as a model for future energy start-up initiatives. This project is part of the MIT Energy Initiative and will be carried out in our Plasma Science and Fusion Center. CFS also receives support from MIT’s The Engine.

**Process Improvements**

We are continually evaluating and, when possible, modifying our operational processes to provide the best possible tools and services to our PIs and research administrators, and to balance the workload of our staff in the face of increasing demand. In FY2018, we focused our efforts on the following:

**Awards and Receipts**

**Where Is It award report**

OSP expanded its award tracking efforts this year to include all negotiations in progress. OSP also mapped system touchpoints to develop a more detailed Where Is It (WII) report that shows the progress of all awards in house and hurdles that must be resolved to activate an account. The WII enables more proactive communication about the status of awards in set up or negotiation, particularly about compliance holds that could delay activation. This information will be available to PIs and DLCs in early FY2019.
OSP Service Tracker

OSP Service Tracker (OST) is a system that organizes and records all post-award service requests from DLCs. Early in FY2018, OSP opened OST to all DLCs on campus and in July 2018 we launched OST III, which adds the Post-Award Operations (POPS) team to OST. This enhanced version further speeds post-award transactions and increases transparency. As always, both active and historical requests are now accessible and transferable among all of a participating DLC’s administrators and the full OSP Grant and Contract team.

Doing more with less

Sponsored volume is increasing. DLC staff turnover means more OSP time is needed to advise and train staff and changes in MIT’s sponsored portfolio to more high-touch sponsors stress our already lean system. OSP continues to revise its processes with an eye toward eliminating what is “least essential” and enabling faculty and DLCs to take risks and responsibilities. Examples include the following:

- Piloting an award input form that eases contract administrator (CA) workload by having assistant contract administrators fill many data fields
- Piloting direct award entry into Kuali Coeus for two large categories of standard awards, removing the need for CAs to fill out input forms for these
- Hired two additional temps for the POPS team, which enabled the team to eliminate its backlog and consistently provide 24- to 48-hour turnaround times on new award setups
- Eliminated Background IP reviews by the Technology Licensing Office (TLO) of Marie Curie and Rubicon awards and Media Lab Special Interest Group agreements
- Developing a new credentialing tracker to help OSP eliminate liaison reviews when CAs have shown themselves to be experienced with a particular agency

Other Operations

Kuali Coeus

KC is MIT’s enterprise-wide, cradle-to-grave, electronic research administration system. We implemented KC in May 2015 and now complete regular updates on an every-other-month (or as needed) basis. In FY2018, OSP’s KC team focused their efforts on:

- Developing and launching the OSP Service Tracker OST, a new tool to enable DLCs to request services of OSP and to check on the status of those request in real time
- Developing OSPGo, a research administration information hub to be launched in early FY2019
- Various system upgrades to keep our KC system current
Cost Analysis and Audit Support

In June 2017, the Office of Cost Analysis concluded negotiations with the Office of Naval Research establishing fixed facilities and administrative (F&A) rates for FY2017 at 59% on campus and 5% off campus applied to a modified total direct cost base. These rates are set below calculated F&A rates to reflect the repayment to the federal government of F&A over recoveries from prior years. Full repayment of the F&A carryover is expected to be accomplished over the next few years.

In addition, in July 2017 MIT negotiated fixed employee benefits (EB) rates for FY2018 of 25.6% on campus, 22.3% off campus, and 8% for part-time employees. Rates are expected to remain fairly constant over the next few years as the EB carryover is liquidated.

Throughout FY2018, the Office of Cost Analysis was also engaged in supporting routine and targeted audits of MIT’s research programs and associated costs, conducted by the Defense Contract Audit Agency, individual sponsors, and PriceWaterhouseCoopers, the Institute’s independent auditors.

Specific areas of audit focus included the following:

- Forward pricing rate proposals
- Actual incurred cost submissions
- Space functionalization studies
- Cost accounting standards updates and changes
- Compliance with uniform guidance (single audit act)
- Sponsor-driven, program-specific audits

Compliance

Conflict of Interest

Review of research activities to ensure we are in compliance with MIT and sponsor’s COI policy. In FY2018, the focus was on building collaborations and tools to reduce faculty administrative burden and increase COI awareness and understanding:

- COI officer developed and implemented new process in collaboration with MIT TLO to identify potential sources of financial conflicts of interest early on in the licensing process and start-up formation with the goal to educate MIT co-founders and structure relationships and roles in companies in order to minimize conflicts, eliminate those conflicts, or both. The new process was implemented in November 2017. To date, 21 conflict avoidance discussion meetings have taken place resulting in smooth transitions of research staff, materials, and technology, enabling the successful use of MIT IP by these companies, documented and in compliance with all MIT policies.
Focus on education and issues regarding graduate students and postdocs, including developing and delivering training to the MIT Postdoctoral Association, and the Koch and Research Laboratory of Electronics communities.

Ongoing collaborations with the senior associate dean for graduate students on COI challenges facing the graduate students resulting from engagement in innovation and entrepreneurship activities, especially conflict of interest issues resulting from start-up activities with faculty members.

Delivered several additional trainings to the community, including with the School of Engineering; School of Science; Sloan School of Management; School of Humanities, Arts, and Social Sciences; faculty and administrator meetings; junior and tenure track faculty meetings; and the VPR’s faculty orientation workshop.

**Export Controls**

Review of research and education activities to ensure researchers and MIT comply with federal export policies. In FY2018, key accomplishments included the following:

- Conducted successful in-person training including special topic seminars to over 10 EC-involved MIT groups including special sessions for contract and research administrators, reaching over 150 people in person.
- Worked with PIs to develop new Technology Control Plans (TCPs) when necessary for their research.
- Customized a CITI module for MIT export control and made available to MIT community online; so far over 80 staff members and students have taken the training.
- Performed annual review of all campus TCPs; this resulted in closing out over 25% of TCPs for controlled material on campus.
- Supported the Environmental Health and Safety Office and VPF in ongoing implementation of shipping software system, which helps members of the MIT community make international shipments and reduces MIT’s exposure to export control violations; features that allow easier lookup of export control classifications and extensively-revised workflow for export control were devised for new 2.0 version of shipping software.
- Worked with the Office of the General Council (OGC) to ensure our online and Professional Ed courses comply with Treasury Department country sanctions.
- Outreach to groups such as Singapore-MIT Alliance for Research and Technology, Haystack, Skoltech, MISTI, MITEI, TLO, and Nuclear Science and Engineering providing customized export control advice in consultation with OGC and Risk Management and Compliance Services.
- Hosted visit by Federal Bureau of Investigations, Department of Energy, and Department of Commerce (Bureau of Industry and Security)—obtained clarifications on several topics of EC regulations especially in the nuclear regime.
Outside Professional Activities

The Provost’s Office is responsible for the implementation of MIT’s policies and procedures on Outside Professional Activities (OPA).

OSP continues to work with the offices of the provost, president, and VPR to gather requirements for improvements to the online reporting tool for faculty, and creating more flexibility in generating reports for use by department heads. These interactions are critical to making the information gathered in these reports of higher quality and meaning and more useful to department heads when they are called upon to provide guidance and feedback to faculty regarding OPA matters.

Research Volume

The MIT total research volume (expenditures) for FY2018, excluding Lincoln Laboratory, was $731.5 million, which represents an increase of 1.67% from FY2017. The volume breakdown by major sponsor is shown below.


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Note: MIT reports on Original Source and Proximate Source for full transparency. To understand the true amount of federal funding, look under the Original Source column. Original Source tracks the funding back to the prime sponsor. Proximate Source shows expenditures reported by the sponsor directly funding MIT. For example, if MIT receives a subaward from Princeton University using DHHS funds, it will show as Nonprofit expenditures under Proximate Source, and as DHHS expenditures under Original Source.

*Totals exclude Lincoln Laboratory

**Includes state, local, and foreign governments, MIT Internal, and Lincoln Laboratory
Other Sponsored Activities and Instruction Volume

Other Sponsored Activities includes grants and contracts from sponsors for nonresearch activities, such as conference awards, instruction awards, such as fellowships, and institution building activities.

Nonresearch* Expenditures by Sponsor (in Thousands of Dollars), FY2014–FY2018**

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<td>Nonfederal: Nonprofit</td>
<td>74,352</td>
<td>81,396</td>
<td>67,630</td>
<td>74,129</td>
<td>55,538</td>
<td>62,032</td>
<td>45,770</td>
<td>52,055</td>
<td>37,614</td>
<td>43,195</td>
</tr>
<tr>
<td>Nonfederal: Other**</td>
<td>9,978</td>
<td>9,879</td>
<td>9,580</td>
<td>9,932</td>
<td>8,805</td>
<td>8,866</td>
<td>11,129</td>
<td>11,141</td>
<td>13,201</td>
<td>13,105</td>
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<tr>
<td>Nonfederal subtotal</td>
<td>115,476</td>
<td>122,889</td>
<td>111,674</td>
<td>118,774</td>
<td>100,141</td>
<td>106,566</td>
<td>99,857</td>
<td>106,166</td>
<td>90,220</td>
<td>95,696</td>
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<tr>
<td>Total</td>
<td>145,893</td>
<td>145,893</td>
<td>144,240</td>
<td>144,240</td>
<td>130,261</td>
<td>130,260</td>
<td>128,659</td>
<td>128,659</td>
<td>116,621</td>
<td>116,621</td>
</tr>
</tbody>
</table>

Note: MIT reports on Original Source and Proximate Source for full transparency. To understand the true amount of federal funding, look under the Original Source column. Original Source tracks the funding back to the prime sponsor. Proximate Source shows expenditures reported by the sponsor directly funding MIT. For example, if MIT receives a subaward from Princeton University using DHHS funds, it will show as nonprofit expenditures under Proximate Source, and as DHHS expenditures under Original Source.

*Includes WBS accounts 2000000-5999999, excluding Student Services activity type, plus ARRA construction grants

**Totals exclude Lincoln Laboratory

***Includes state, local, and foreign governments, MIT Internal, and Lincoln Laboratory
### Operating Statistics
Office of Sponsored Programs Key Operating Statistics for FY2014–FY2018

<table>
<thead>
<tr>
<th></th>
<th>FY2014</th>
<th>FY2015</th>
<th>FY2016</th>
<th>FY2017</th>
<th>FY2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>New proposals</td>
<td>2,574</td>
<td>2,631</td>
<td>2,871</td>
<td>3,047</td>
<td>3,173</td>
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<tr>
<td>New awards</td>
<td>954</td>
<td>977</td>
<td>1,011</td>
<td>1,097</td>
<td>1,139</td>
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<tr>
<td>Negotiations Completed</td>
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<td>566</td>
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<tr>
<td>Funded</td>
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<td>303</td>
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<tr>
<td>Unfunded</td>
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<td></td>
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<td>263</td>
<td></td>
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<tr>
<td>New Subawards issued</td>
<td>247</td>
<td>210</td>
<td>237</td>
<td>198</td>
<td>188</td>
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<tr>
<td>Subaward invoices processed</td>
<td>3,114</td>
<td>3,415</td>
<td>3,639</td>
<td>3,503</td>
<td>3,458</td>
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<tr>
<td>Sponsor Approved Budgets Entered*</td>
<td>N/A</td>
<td>2,662</td>
<td>10,564</td>
<td>9,956</td>
<td>9,592</td>
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<tr>
<td>Coeus/KC award transactions</td>
<td>36,260</td>
<td>31,762</td>
<td>24,443**</td>
<td>21,738**</td>
<td>25,921**</td>
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<tr>
<td>OST Tickets Created</td>
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<td>3,300</td>
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<tr>
<td>OST Tickets Resolved</td>
<td></td>
<td></td>
<td></td>
<td>3,135</td>
<td></td>
</tr>
</tbody>
</table>

*Budget versions created (matching, not cancelled or rejected).

**KC Award versions created; does not include KC TNM transactions

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Michelle D. Christy  
Senior Director