Research Return to Operations

GRADUATE STUDENT TOWN HALL
JULY 1, 2020
1200+ faculty supporting 4,500+ active sponsored programs

105+ buildings with 4000+ research labs and service areas on West Lafayette campus

Ag Centers and field sites in 92 counties across Indiana

Diverse portfolio from plant science to energetic materials!
Our return to operations approach introduces enhanced COVID-19 safety measures to reduce the risk of transmission among members of our community and to take even greater precautions to protect those at highest risk for serious illness or complications.

The Purdue community should expect campus buildings, labs, and field sites to function very differently than before COVID-19. Modified operations are likely to continue until a vaccine is widely available.
PROTECT PURDUE: Building-by-Building Return to Operations

1. SAFE BUILDINGS
   COVID-19 Compliant Public Spaces

2. SAFE RESEARCH SPACES
   COVID-19 Compliant Research Spaces and Labs

3. SAFE PEOPLE
   Protect High-Risk Individuals in Research

- Pre-COVID-19 Configuration of Public Spaces in Building
- Walkthrough to Define Changes for COVID-19 in Building
- Post-COVID-19 Public Spaces Ready to Use in Building

- Pre-COVID-19 Spaces & Not Critical Research
- Critical Research & Research Space SOP in Process
- Post-COVID-19 Research Space Opens for Use

- Notify Individuals of Return to Research Operation
- TRAINING
- low
- high
- RISK ASSESSMENT
- high
- low
- HR REVIEW

- with accommodations some higher-risk individuals will return to campus research
- other high-risk individuals may not return to campus

100+

3000+
PROTECT PURDUE: Building-by-Building Return to Operations (RTO)

MONTH OF APRIL
- Sponsored Program Impact
- Research Task Team
- Prepare Phase 1 RTO

5/1
- Week of May 11
- 2 Town Halls >750 attended

MAY 4
- Phase 1 RTO Begins
  - Pilot building evaluation for scalable process
  - Begin COVID-19 Research Space SOP process
  - Coordinate with Task Teams

May 14
- PPE Campus Distribution
- Campus Research Survey for PPE needs

JUNE 1 TARGET
- Building Public Spaces OPEN 6/1

JULY 1 TARGET
- Research Spaces OPEN 7/1

MONTH OF JULY
- Stabilize research and prepare for mixed research and academic use

MAY 15
- Phase 2 RTO Begins
  - Weekly town halls
  - Rolling building public space approval
  - Pilot and implement SOP review and approval process
  - Pilot and implement HR RTO process
PROTECT PURDUE: Building-by-Building Return to Operations (RTO)

MONTH OF APRIL
Sponsored Program Impact
Research Task Team Prepare Phase 1 RTO

May 14
PPE Survey

May 15
Phase 2 RTO
Safe Buildings
Safe Research Spaces
Safe People

COVID-19 Impact on Research:

How Purdue is tracking COVID’s impact on research
Software can help researchers request extensions or supplemental funding
By: Matt Zalaznick | May 19, 2020

Partnership with Microsoft Higher Ed

Research RTO Survey:

1004 responses from principal investigators
283 PI’s and their groups can do all work remotely
>4500 researchers require increased access to campus
PROTECT PURDUE: Research Updates

As of 6/29 COB

Total SOPs received: 978
Total SOPs approved: 819 (84%)

Individual & Multi-PI SOP
• 858 received
• 738 approved
• 120 in progress

Shared User Facility SOP
• 120 received
• 81 approved
• 39 in progress

Representing 85 buildings and 100+ core labs (iLab Purdue Portal)
## Campus Research Return to Operations

Meeting our July 1 target for submissions of COVID-19 Campus Research SOP for all buildings. Close to 5,000 researchers have returned to campus operations, with at least 800 more in the pipeline.

<table>
<thead>
<tr>
<th>26-Jun-20</th>
<th>SOP count</th>
<th>Point of Contact</th>
<th>Faculty</th>
<th>Staff</th>
<th>Users</th>
<th>Research Faculty %</th>
<th>Research Scientist %</th>
<th>Visiting Scholar %</th>
<th>Post Doctoral Scholar %</th>
<th>Graduate Student %</th>
<th>Undergraduate Student %</th>
<th>Other %</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Approved</strong></td>
<td>676</td>
<td>535</td>
<td>759</td>
<td>206</td>
<td>3543</td>
<td>5.1%</td>
<td>3.5%</td>
<td>3.7%</td>
<td>9.5%</td>
<td>66.3%</td>
<td>8.6%</td>
<td>3.3%</td>
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<tr>
<td><strong>In Review</strong></td>
<td>145</td>
<td>+69</td>
<td>+114</td>
<td>+47</td>
<td>+454</td>
<td>5.1%</td>
<td>4.1%</td>
<td>3.5%</td>
<td>8.8%</td>
<td>57.5%</td>
<td>13.9%</td>
<td>7.1%</td>
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<tr>
<td><strong>Anticipated Submissions</strong></td>
<td>50</td>
<td>+20</td>
<td>+25</td>
<td>+15</td>
<td>+100</td>
<td>5.1%</td>
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<td>3.6%</td>
<td>9.2%</td>
<td>64.0%</td>
<td>10.0%</td>
<td>4.5%</td>
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</tbody>
</table>
Guidance for Enhanced PPE for Close-up, Person-to-Person Interactions in Research:

• Enhanced PPE required: Level 1 surgical face mask, face shield in conjunction with face mask, disposable nitrile gloves.

• Guidance can be found here: https://protect.purdue.edu/research/covid-research-space-safe-operating-procedures/
PROTECT PURDUE: Research Updates

Guidance for off-campus research in the U.S.:

• Must follow Purdue practices and policies off-campus
• Domestic air travel is allowed
• Vehicles can only be occupied at 50%
• Hotel rooms must be single occupancy only

https://protect.purdue.edu/updates/guidance-for-off-campus-research-activities-in-the-continental-u-s/
Human subject research:

- Purdue HRPP updated its guidance to reflect the University’s phased return to research operations process as outlined by the Executive Vice President for Research and Partnerships (EVPRP).

- PIs must submit a protocol modification to IRB, as detailed in the last guidance, before resuming in-person research.
PROTECT PURDUE: Research Safety Monitoring Team (Pilot Program)

**Purpose:** Provide safety monitoring of post-approved campus public spaces and research spaces

**Team:** 6 individuals comprised of lab directors, professional research staff, and occupational safety specialists

**Pilot Buildings:**
- Lilly – 83 approved labs, 6 labs under review
- Hampton – 29 approved labs, 16 under review
- Armstrong – 27 approved labs, 1 under review, Summer Start
- Physics – 27 approved labs, 1 under review, Summer Start
- MSEE – 13 approved labs, 5 under review

**179 Total Approved Labs**
PROTECT PURDUE: Research Safety Monitoring Team (Pilot Program)

Monitoring Checklists (general areas)
• Face masks usage
• Social distancing, i.e.
• Signage and floor markings
• Hand sanitizer or sinks/soap available for hand sanitization
• Lab access/occupancy

Timeline:
• June 22-26: Checklist development, calibration, trial walk-thru’s, etc
• June 29 – UTC: Monitoring commences

General Principles:
• Touch each lab weekly
• Public spaces will have daily monitoring
• Team is there to “COACH” students, researchers, and staff