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**KENNESAW STATE**  
UNIVERSITY  
OFFICE OF RESEARCH

# **Ideas and Resources for Maintaining Research Productivity During COVID-19**

**August 2020**

# RESEARCH DEVELOPMENT



- ❑ **INCREASE COMMUNICATION:** Plan/schedule times for research team, colleagues (both within/outside KSU) & foundation/agency program officers interested in funding your research.
- ❑ **PLAY THE LONG GAME:** Create detailed 3-5 year research plan with deadlines, addressing targeted conferences/publications, research gaps, writing habits.
- ❑ **MOVE TO VIRTUAL RESEARCH & DATA COLLECTION WHERE POSSIBLE:** Deploy virtual enrollment, consent, & assessments & provide tools to subjects for self-monitoring/reporting. *Decisions & study amendments must be based on a risk assessment of subjects and approved by [IRB](#).*
- ❑ **PIVOTING WITHOUT PILOT DATA:** Use set-aside/ existing data to pilot new projects/publications.

- ❑ **GETTING TO THE “SOMEDAY” LIST:** Revisit manuscripts, meet [library staff about literature reviews](#), & [look at digital scholarship options](#).
- ❑ **PROFESSIONAL DEVELOPMENT:** Now is the time to hone some of your skills, including research methods, data analysis techniques, grant writing, writing for publication, etc. Also, look for conferences that are being offered online.
- ❑ **INCREASE YOUR ONLINE PRESENCE:** [Update your PIVOT profile at KSU](#) & [Research Gate](#), [Google Scholar](#), and [ORCID](#) profiles.

## KSU CONNECTIONS:

Make an appointment with the [Office of Research Development](#) to discuss finding funding, developing a research idea, understanding reviewer comments, grant writing 101, & more.

The screenshot shows the Kennesaw State University website. At the top, there is a navigation bar with the KSU logo and the text "RESEARCH DEVELOPMENT AND STRATEGIC INITIATIVES". To the right of the logo, there are links for "About KSU", "Academics", "Admissions", "Athletics", "Campus Life", "Research", and "Global". Further right, there are links for "MyKSU", "A-Z Index", "Directories", "Campus Maps", "Apply", "Visit", and "Give". A search bar is also present with the text "KSU Search" and a "SEARCH" button.

The main content area features the PIVOT logo on the left. To the right of the logo, the word "discover" is written in a large font, followed by "verb" and its phonetic pronunciation "dis·cov·er | \ di-'skə-vər \". Below this, a definition is provided: "1 : to make known or visible : EXPOSE".

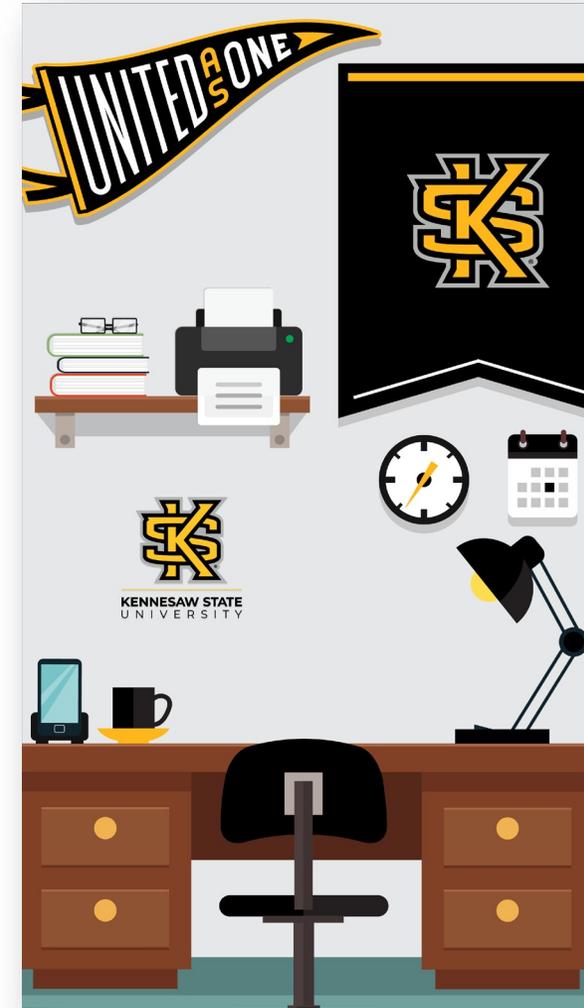
Below the definition, there is a call to action: "Need to discover funding opportunities or a KSU research partner? Claim and update your Pivot profile to explore new avenues for funding and collaboration." Below this, there is a list of services with expandable options: "Find Funding", "Proposal Development", "KSU Resources for Researchers", "Training", "Summer Research Fellows Program", "Postdoctoral Research Resources", and "Contact".

On the right side of the page, there are two buttons: "COVID-19 Impact on Research Development" and "Other Office of Research Advisories". Below these buttons, there is a paragraph of text: "Research Development & Strategic Initiatives in the Office of Research leads activities related to developing faculty and student capacity for conducting research and scholarship at Kennesaw State University. The goal of Research Development & Strategic Initiatives is to guide and support researchers through the grant writing and external funding processes. Through professional development workshops, individual consultation services, and customized programming, the..."

# RESEARCH WITH UNDERGRADUATES

Many undergraduate research activities can be effectively conducted virtually, including:

- literature searches;
- writing (e.g., grant proposals, manuscripts for publication, conference proposals);
- data entry and analysis;
- training (e.g., how to use statistics software - SPSS, SAS, or R; how to use software for organizing references - Endnote or Refworks; how to conduct effective literature searches);
- professional development activities (e.g., how to present at conferences, updating resumes/vitas, interviewing, writing personal statements).



# CREATIVE WAYS TO CONDUCT UNDERGRADUATE RESEARCH

- ✓ Can surveys be administered online through [Qualtrics](#) instead of face-to-face?



- ✓ Can interviews be conducted virtually through Microsoft Teams?

- ✓ For lab research, can students alternate between working in the lab and doing any of the tasks already mentioned to minimize their contact with each other?



UNDERGRADUATE  
RESEARCH  
CLUB

- ✓ Registered student organization offering virtual team-based research opportunities for any interested students.

We want to help you strategize ways to continue your work with students. Email us: [our@kennesaw.edu](mailto:our@kennesaw.edu).

# Research Compliance

Get your research group familiar with [Cayuse IRB](#).

- Request access for all students/staff
- Read the Initial Submission walkthrough.



Review the ways your group stores and secures [research data](#) and educate your group members.

Create or update [Standard Operating Procedures \(SOPs\)](#) for your lab and educate group members.



# Research Compliance



1. Make sure you & all research group members have their official KSU email as their Institutional Email Address in their [CITI accounts](#).
  - *Cayuse links to CITI allowing the IRB to verify training of KSU personnel directly.*
2. Verify that your research group has all the appropriate training for your type of research (Lab Safety, Human Subjects Protections, Biosafety, etc.).
3. Complete or refresh [Conflict of Interest](#) training at [CITI](#) & be prepared to fill out annual disclosures (coming soon via Cayuse).
4. Have your research group complete [Responsible Conduct of Research](#) modules in [CITI](#) & then discuss at a virtual group meeting.
  - *If session is documented, it can serve as certification of training for paying students from NSF grants.*

## Burruss Institute

- Schedule 1:1 consultation for how to add program evaluation to your future grant proposal or on best practices for survey research design and data collection methodologies.



## Field Station

- Schedule 1:1 consultation to learn about the resources available at the Field Station for your research/academic endeavors.

## High Performance Computing

- Schedule 1:1 consultation to learn about the capabilities of the HPC and how to incorporate HPC into your research.



# Links & Resources

- [During the pandemic, students do field and lab work without leaving home](#)
- *The Chronicle of Higher Education* [Online Events](#)
- [The Life Scientists' Guide to Working Remotely](#) (HelloBio)
- [Conducting research during the COVID-19 pandemic](#) (American Psychological Association)
- [CITI COVID-19 Back to Campus](#) (Fall 2020) – COVID-19 info, hygiene, best practices for work with human & animal subjects
- KSU's Office of Undergraduate Research [calendar](#) of virtual events & deadlines
- Council on Undergraduate Research (CUR) compiled [resources](#) related to undergraduate research during COVID-19 (general & discipline-specific)
  - [Activate your membership](#) before you can access these resources. KSU is an enhanced institutional member of CUR, so this is free for all KSU faculty, staff, students.
- [Resetting Your Research Agenda](#) (*Inside Higher Ed*)
- [Time well spent: How researchers can stay productive in the time of Covid-19](#) (STAT)

# Links & Resources

- [6 Ways to be productive during the COVID-19 lockdown](#) (Editage Insights)
- [Six strategies for staying motivated during the COVID-19 pandemic](#) (Rice University)
- [Maintaining Research Productivity During COVID-19](#) (UNC Greensboro)
- [How Nurse Scientists Can Stay Productive and On Track During the Pandemic](#)
- [Maintaining Tenure Goals During the COVID-19 Pandemic](#) (Amer. Soc. For Microbiology)
- [The productivity pitfalls of working from home in the age of COVID-19](#) (Stanford News)
- [Academic institutions in the time of Covid-19: Homeworking and productivity](#) (Sciendo)
- [No Room of One's Own: Early journal submission data suggest COVID-19 is tanking women's research productivity](#) (*Inside Higher Ed*)
- [Gender Inequality in Research Productivity During the COVID-19 Pandemic](#) (Harvard Business School)