UNIVERSITY OF KENTUCKY BOARD OF TRUSTEES

Lisa A. Cassis, Vice President for Research



AN EQUAL OPPORTUNITY UNIVERSITY

"As a public institution of higher education, public confidence in the responsible conduct of research (RCR) by faculty, staff and students is critical. We must promote and maintain a culture that is supported by an infrastructure that educates and assists in the ethical conduct of research."

Lisa Cassis PhD, UK Vice President for Research (VPR) excerpt from 2020 announcement



Research Misconduct and Responsible Conduct of Research (RCR) at UK

- UK has not been immune to research misconduct. These rare occurrences arise from intentional falsification or fabrication of research data, or plagiarism.
- Research misconduct erodes the general public's trust in research.
- Following the pathway of prevention, we initiated mandatory training in the responsible conduct of research (RCR) in 2021.
- To our knowledge, we are the only institution of higher education in the country that requires training to achieve a baseline level of RCR for all persons performing research at UK.



Training mandate

Who completes the training?

- Full-time faculty
- Staff
- Graduate students (only have to complete the training once)
- Trainees (undergraduates, postdoctoral fellows, visiting scientists)
- Individuals supported in part or fully through research funding, grants and contracts.

All together, more than 14,000 UK personnel.





Online RCR training

- Via Collaborative Institutional Training
 Initiative (CITI) platforms
- 6 modules + 1 instructional module
 - Mentoring
 - Peer Review
 - Research Misconduct
 - Conflicts of Interest
 - Data Management
 - Reproducibility of Research Results
- Refresher stage of online course:
 - 2 modules of the individual's choice



Responsible Conduct of Research (RCR) Getting Started

mp to:				
CITI RCR Course	CITI	CITI RCR	CITI RCR Course	General
	Account	Course	Refresher Stage	RCR/CITI FAQs

CITI RCR Course Information

- I completed the CITI RCR training at my former institution. Can I receive credit for the RCR Course at UK?
- What modules are required?
- How long does it take to complete the CITI RCR course?
- Am I able to quit the CITI RCR course and return to complete it later?
- Are there optional modules pertaining to my discipline that I can complete?



(HSP & RCR Training Platform)

Log in using your link blue ID and password

Log in



In-person RCR training sessions

- One hour; covers 3 case studies.
- The Office of Research Integrity (ORI) has developed 43 case studies around mentoring, peer review, research misconduct, conflict of interest, reproducibility of results, safe work environment and data management.
- Case studies are interactive and engaging; structured for audience participation:
 - Group discussions
 - Reflection questions





Reporting and monitoring of compliance

Unit leaders receive monthly reports on progress by their researchers in completing the mandatory training.

 ✓ (All) ✓ Completed ✓ Basic/Refresher Required 	Personnel Details To see the department names, how	er over the <u>College o</u>	<u>r Unit</u> column head	ler and click the expand icon [+].											
 ✓ In-Person Required ✓ Expiring Soon, Basic/Refresher 	College or Unit	Add Date	Name	Email Address	Course Type	Course Completion Date	Course Expiration Date	Course Status	Faculty	Paid On Grant	OSPA	IRB	IACUC	Graduate Student	Other
Cancel Apply	a second second second	11/11/2021			Basic/Refresher	03/07/2022	03/07/2024	Completed	•	•			•		
Highlight Courses Expiring Within (Days) 90					In-Person	01/24/2023	01/24/2025	Completed	•	•			•		
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]				Basic/Refresher	08/30/2023	08/30/2025	Completed	•	•	•		•		
RB Protocol Number	1		_	_	In-Person	01/11/2023	01/11/2025	Completed	•	•	•		•		
Add Date					Basic/Refresher	03/15/2022	03/15/2024	Completed		•			•	•	
Last 5 years 🔹					In-Person	01/19/2023	01/19/2025	Completed		•			•		

Compiled by: University of Kentucky, Office of the Vice President for Research



Adherence to mandatory training initiative

University of Kentucky RCR Compliance for In-Person Training as of January 25, 2024	Resea	rch		
College	% Compliance	Total Required		
College of Ag, Food and Environment	95%	1,323		
College of Arts & Sciences	91%	1,029		
College of Business & Economics	90%	125		
College of Communication and Information	95%	139		
College of Dentistry	97%	98		
College of Design	76%	67		
College of Education	87%	478		
College of Engineering	86%	590		
College of Fine Arts	90%	152		
College of Health Sciences	80%	324		
College of Law	100%	29		
College of Medicine	95%	2,645		
College of Nursing	90%	192		
College of Pharmacy	96%	149		
College of Public Health	92%	269		
College of Social Work	58%	208		
Graduate School	76%	78		
Lewis Honors College	91%	11		
Library Administration	96%	51		
Other	90%	2,282		

- ~900 RCR in-person training sessions delivered.
- ~14,200 researchers or research-eligible personnel trained.
- **153** researchers noncompliant with December deadline for inperson training.
- Number of RCR trainers who provided training:
 - Through May 2023: **78**
 - Through December 2023: 18
 - Currently training: 7
- Remarkable adherence to mandatory RCR training has contributed to:
 - Publication, in revision, in a peer reviewed journal.
 - Presentations at national meetings on our program progress.
 - Most importantly, no research misconduct cases of significance since 2022.



QUESTIONS



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