

Research Misconduct Process at UCR

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Outline

- › What's in the news?
- › UCR in the news
- › Research misconduct (RM)
- › Not RM
- › Players in the process
- › Stages in the process
- › Your role & AS role
- › Resources
- › Questions/comments/concerns



RM in the News...

EXCLUSIVE

Harvard and the Brigham call for more than 30 retractions of cardiac stem cell research

By IVAN ORANSKY @ivanoransky and ADAM MARCUS @armarcus / OCTOBER 14, 2018

SCIENCE NOW SCIENCE



Tags: INDUSTRY TRENDS

Research 'misconduct' will be big... very big

#News

9 August 2018

Fake Citations Kill a Career

Columbia says a historian's acclaimed book on North Korea was plagiarized, and its publisher says it's been taken out of print.

By Colleen Flaherty // September 13, 2019

27 COMMENTS

Charles Armstrong, Korea Foundation Professor of Korean Studies in the Social Sciences at Columbia University, plagiarized parts of his award-winning book



Cornell researcher who studied what we eat and why will step down after six studies are retracted

Higher Education

By KAREN KAPLAN SEP 21, 2018 | 8:10 PM

FEATURE

Fallout for co-authors

Alison McCook

+ See all authors and affiliations

Duke settles research misconduct case, agrees to pay U.S. government \$112.5 million

Science 26 Oct 2018:
Vol. 362, Issue 6413, pp. 394-395
DOI: 10.1126/science.362.6413.394-b

We need more investigations into research misconduct



Why I'm calling for watchdog to help rid research of malpractice and fraud

Article Figures & Data Info & Metrics eLetters

When a scientist has papers retracted for scientific misconduct, collaborators can suffer career damage.



UCR in the news...

What a report into scientific misconduct reveals: The case of Frank Sauer

BRAINIAAC

On Second Thought: An anti-German plot?



Oct. 3, 2011, was the beginning of the end for Frank Sauer's tenure at



NEWS

Investigation sheds light on biochemist's misconduct

BY JAMES URQUHART | 9 AUGUST 2017



"An eye for an eye, a tooth for a tooth. I have lost my job, you yours."



Account Res. Author manuscript; available in PMC 2018 November 06.

Published in final edited form as:

Account Res. 2017 ; 24(8): 497-502. doi:10.1080/08989621.2017.1397517.

What is Recklessness in Scientific Research?: The Frank Sauer Case

David B Resnik, JD, PhD, NIEHS/NIH,

National Institutes of Health, National Institute of Environmental Health Sciences, 111 Alexander Drive, Box 12233 Mail Drop CU03, Research Triangle Park, 27709 United States

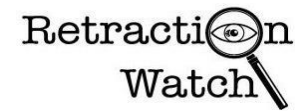


Other forces...

- › ‘Clare Frances’



- › *Retraction Watch* blog



- › Hi-tech war on ‘fraud’ (e.g., StatsCheck)

- › More scrutiny of research (e.g., newspapers, PeerPub)

- › Broader trust in science & the academe



RM Definitions - FFP

- › **Falsification**
 - › Manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research is not accurately represented in the research record
- › **Fabrication**
 - › Making up data or results and recording or reporting them
- › **Plagiarism**
 - › Appropriating another person's ideas, processes, results, or words without giving appropriate credit

- › Does not include honest error or difference of opinion

[UCR Policy 529 - 900](#)



Not RM

- **Authorship disputes** (grant disputes)
- Data management
- Stealing data
- Rigour in research
- 'Toxic culture' / Poor or inadequate supervision
- IRB/IACUC/IBC/disclosure non-compliance
- Title IX violations
- HR issues
- Etc.



Key Players

- **RIO / ARIO** – Research Integrity Office / Assistant Research Integrity Officer
- **Respondent (R)**: A person who is the subject of an allegation
- **Complainant (C)**: A person who makes an allegation
- **Witness (W)**: Person who is pertinent to the RM case



RM Allegation: RIO Review Process

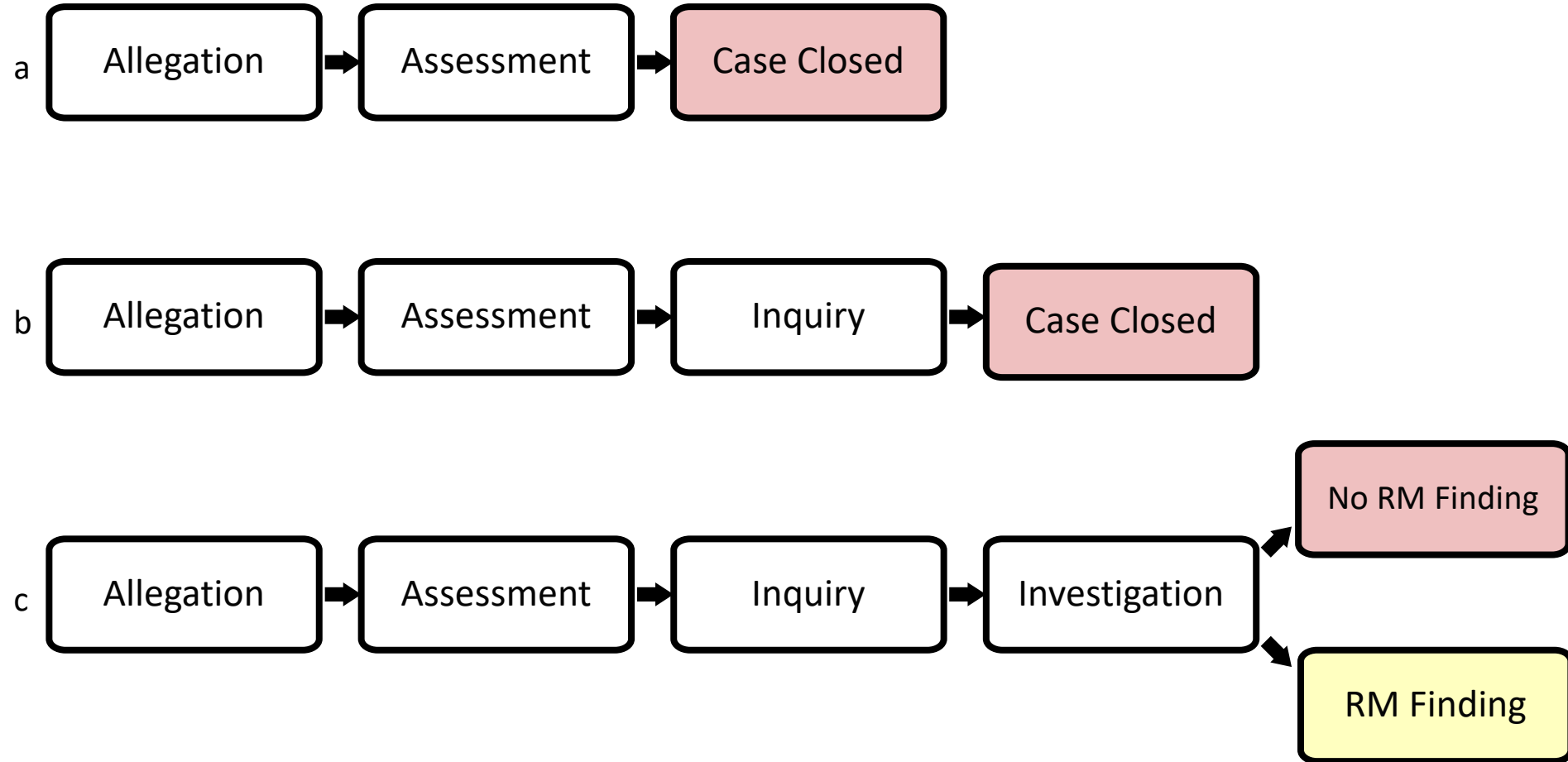


- Allegation Review (assessment)
- Inquiry
- Investigation

If not RM, it could still be **Detrimental Research Practices (DRPs)** – DRPs stray from the norms and appropriate practices of science.



Possible Paths



What you must NOT do?

- Do not investigate FFP yourself
- Do not intervene and try to resolve the issue (i.e., have the parties ‘talk it out’)
- Do not promise confidentiality
- Please do not share information with anyone else who does not have a legitimate need to know. While you must report it to RED’s ORI, it is critical to maintain confidentiality.



Responsible Conduct of Research (RCR) training requirements - UCR

Strongly encouraged for everyone at UCR but required for the individuals on following grants

Federal Funder	Minimal Requirement for RCR	Target Audience (who must do the training)	CITI RCR Training Qualifies
NSF	Online or face-to-face training	Undergraduates, Graduate students, Postdoctoral researchers	✓
NIFA	Online or face-to-face training	Faculty, Program Directors, Undergraduate students, Postdoctoral researchers, any staff	✓
NIH	Face-to-face training/interaction	Trainees, Fellows, Scholars, Participants	X

Education & resources

- › [Website on RM](#) – ORI
- › [Resources page](#) – ORI
- › [Online RCR training on CITI](#) – ORI
- › [REEP Program at UCR](#) – Grad Division
- › [FAQ's on RM](#) – ORI
- › [Ombuds Office](#) – Confidential resource
- › Whistleblower complaint line – [EthicsPoint](#)



AS role – 1st part

B. The Academic Senate shall:

1. Recognize that, in order for the University to fulfill obligations imposed by external funding agencies, there must be coordination among Administrative, Senate and legal standards applicable to Research Misconduct Proceedings.
2. Encourage participation by faculty on Inquiry and Investigation Committees. (emphasis mine)

Part II, section B:

[Policy and procedure for responding to allegations of Research Misconduct - 529 - 900](#)



AS role – 2nd part

VIII. Post-Investigations Proceedings

- B. Investigation concludes Research Misconduct occurred.

Respondent is a member of the Academic Senate.

If, in the case of a faculty member, the Vice Chancellor for Research together with the Executive Vice Chancellor intend to file charges pursuant to the imposition of disciplinary sanctions, the Vice Chancellor for Research shall prepare and sign an Academic Complaint form and forward it to the Chancellor in accordance with the provisions of the Bylaws of the Riverside Division of the Academic Senate, Appendix 5, Section 5.3, “*Rules of Procedures for Implementation of Policies on Faculty Conduct and the Administration of Discipline at UCR.*”



Questions? Comments? Concerns?

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<http://research.ucr.edu/ori/RM>

[Policy and procedure for responding to
allegations of Research Misconduct - 529 - 900](#)

