

<b>Integrity in Research, Scholarly Activity, and Scholarship</b>	
<b>Category:</b> Administrative	<b>Approval Date:</b> February 5, 2021
<b>Policy Owner:</b> Vice President Academic and Research	<b>Effective Date:</b> February 5, 2021
<b>Policy Administrator:</b> Associate Vice President, Teaching, Learning, and Research	<b>Review Period:</b> 5 Years
<b>Recommended by:</b> Deans' Council	
<b>Associated Documents</b> Breach of Research Integrity Procedure	

**PURPOSE**

To promote and advance a high standard of integrity in research, scholarly activity, and scholarship. Such integrity requires careful supervision of research, including that conducted by students, competent use of methods, adherence to ethical standards of a discipline, and the refusal to engage in or to condone instances of fraud or misconduct.

**SCOPE**

This policy forms part of Red Deer College’s scholarship plan and governs all research, scholarly activity, and scholarship undertaken by members of the College community, including but not limited to, all faculty, staff, students, visitors, volunteers, third-party contractors and guests, either alone or in collaboration with other post-secondary institutions, business, industry, and not-for-profit sectors and local communities.

**POLICY**

1. All research, scholarly activity, and scholarship conducted at Red Deer College or by a member of the College community is done in accordance with the *Tri-Agency Framework for Responsible Conduct in Research*, as well as all other Tri-Council policies, any applicable laws, disciplinary ethics and professional standards.
2. The College is committed to three fundamental principles underlying research and scholarly integrity:
  - a. truthfulness in describing the manner in which data is collected, analyzed and reported;
  - b. scrupulousness in recognizing the authors and sources of the original research concepts and results; and
  - c. probity in the use of research funds.

3. Integrity in research, scholarly activity and scholarship encompasses all aspects of the research enterprise. The College requires:
  - a. honesty and uprightness in dealings among colleagues and co-workers within the research and scholarly establishment as well as with students, assistants, and staff on research projects, and in dealings with research and funding collaborators both within and outside the education community;
  - b. respect for intellectual property;
  - c. due regard for the ethical points involved in the use of human and animal participants in research, including the use of culturally appropriate research methodologies and, where appropriate, community consultation;
  - d. honest and accurate reporting and record keeping;
  - e. appropriate and transparent use of funds;
  - f. accurate referencing and acknowledgement of authorship;
  - g. management and disclosure of any conflicts of interest; and
  - h. honesty in application and review processes.
4. The primary responsibility for high standards of conduct in research, scholarly activity and scholarship rests with the individuals carrying out these activities. This responsibility includes, at a minimum, responsibility for rigour, record keeping, accurate referencing, authorship, acknowledgement, and conflict of interest management in any project.
5. Misconduct includes, but is not limited to:
  - a. fabrication, falsification, and/or destruction of research records;
  - b. plagiarism, including redundant publications or self-plagiarism;
  - c. inaccurate attribution of authorship and/or inadequate acknowledgement of contributions;
  - d. mismanagement of conflicts of interest;
  - e. misrepresentation in a grant application or related document;
  - f. mismanagement of grants or award funds;
  - g. breach of policy requirements, including Tri-Agency policies and review processes.
6. The College takes allegations of misconduct very seriously and is responsible for investigating same. In cases where allegations are proven, the College will:
  - a. impose appropriate sanctions in accordance with College policy; and
  - b. inform the appropriate Council(s) or funding agency of conclusions reached and actions taken.
7. As laid out in the Breach of Research Integrity Procedure, the College shall engage mechanisms consistent with natural justice and procedural fairness, including:
  - a. the respondent shall have the opportunity to respond to allegations;

- b. a complainant shall have the opportunity to comment on the findings of the inquiry and the investigation;
- c. the results of the investigation are communicated to all parties;
- d. the respondent is informed of any actions or sanctions imposed as a result of the investigation;
- e. the results are reported to the federal granting Agencies according to Tri-Agency policy guidelines;
- f. the College will comply with the Alberta *Freedom of Information and Protection of Privacy Act* and all relevant college policies as regards information and records related to an investigation under this policy.

## **Related Policies**

[Employee Code of Conduct](#)

[Student Academic Integrity and Academic Misconduct](#)

[Intellectual Property](#)

[Research Involving Humans](#)

[Research Involving Animals](#)

Support for Research, Scholarly Activity and Scholarship

Research, Scholarly Activity, and Scholarship

[Student Intellectual Property](#)

## **Definitions**

(Definitions in this policy are taken verbatim from or based on those in the *Tri-Agency Framework for the Responsible Conduct of Research* (2016).)

**Accurate referencing:** Referencing and, where applicable, obtaining permission for the use of all published and unpublished work, including theories, concepts, data, source material, methodologies, findings, graphs and images.

**Acknowledgement:** Acknowledging appropriately all those and only those who have contributed to research, including funders and sponsors.

**Authorship:** Including as authors, with their consent, all those and only those who have made a substantial contribution to, and who accept responsibility for, the contents of the publication or document. The substantial contribution may be conceptual or material.

**Breach of policy requirements:** Failure to meet funder or institutional policy requirements, or to comply with the relevant policies, laws, or regulations for the research activity; failure to obtain appropriate approvals, permits, or certifications before conducting research activity.

**Conflict of interest management:** Appropriately identifying and addressing any real, potential, or perceived conflict of interest in research that might lead to a discrepancy between the individual's personal interests and those of the College and/or funder and influence the decisions on whether the individual should be asked to review manuscripts or applications, test products, or be permitted to undertake work sponsored from outside sources.

**Destruction of research records:** The destruction of one's own or another's research data or records to specifically avoid the detection of wrongdoing or in contravention of the applicable

funding agreement, institutional policy and/or laws, regulations and professional or disciplinary standards.

**Fabrication:** Making up data, source material, methodologies or findings, including graphs and images.

**Falsification:** Manipulating, changing, or omitting data, source material, methodologies or findings, including graphs and images, without acknowledgement and which results in inaccurate findings or conclusions.

**Inadequate acknowledgement:** Failure to appropriately recognize contributions of others in a manner consistent with their respective contributions and authorship policies of relevant publications.

**Invalid authorship:** Inaccurate attribution of authorship, including attribution of authorship to persons other than those who have contributed sufficiently to take responsibility for the intellectual content, or agreeing to be listed as author to a publication for which one made little or no material contribution.

**Mismanagement of conflict of interest:** Failure to appropriately manage any real, potential or perceived conflict of interest.

**Mismanagement of grants or award funds:** Using grant or award funds for purposes inconsistent with the policies of the funding body; misappropriating grants and award funds; contravening financial policies of the funding body; or providing incomplete, inaccurate, or false information on documentation for expenditures from grant or award accounts.

**Misrepresentation in a grant application or related document:** Providing incomplete, inaccurate or false information in a grant or award application or related document, such as a letter of support or a progress report; applying for and/or holding a Tri-Council Agency award when deemed ineligible by NSERC, SSHRC, CIHR or any other research or research funding organization world-wide for reasons of breach of responsible conduct of research policies such as ethics, integrity, or financial management policies; listing of co-applicants, collaborators or partners without their agreement.

**Plagiarism:** Presenting and using another's published or unpublished work, including theories, concepts, data, source material, methodologies or findings, including graphs and images, as one's own, without appropriate referencing and, if required, without permission.

**Record keeping:** Keeping complete and accurate records of data, methodologies and findings, including graphs and images, in accordance with the applicable funding agreement, institutional policies, laws, regulations, and professional or disciplinary standards in a manner that will allow verification or replication of the work by others.

**Redundant publications (also known as self-plagiarism):** The re-publication of one's own previously published work or part thereof, including data, in any language, without adequate acknowledgment of the source, or justification.

**Rigour:** Scholarly and scientific rigour in proposing and performing research; in recording, analyzing, and interpreting data; and in reporting and publishing data and findings.