

Research Manitoba End of Grant Report Instructions

The End of Grant Report is intended to elicit information about the activities and accomplishments of the research program/project supported by Research Manitoba. Specifically, it aims to

- Determine research discoveries and accomplishments (i.e. outputs and outcomes);
- Assess if original goals/objectives were achieved;
- Identify knowledge translation activities;
- Identify issues and lessons learned about the award/grant.

The information collected from the end of grant reports will be used to a) inform Research Manitoba's strategy and programs, and will be a vital component to justify and ensure long-term and sustainable funding; b) identify and track outputs and outcomes of supported research program/project; and c) communicate the value and benefits of research.

Names as well as other personal identifiers will be used ONLY by Research Manitoba staff for the purposes of following up or clarifying ambiguous information and will not be used in any report. Data, when reported, will be done in the aggregate. In order to communicate the successes of the research, Research Manitoba may use content from this report in donor and stakeholder communications, with permission from the award holder.

In this report, **Outputs** are defined as the tangible findings or the direct products or services of research activities or infrastructure. **Outcomes** are the changes, benefits, or other effects that happen as a result of the research or research infrastructure. Outputs and Outcomes are collectively referred to as **Impact**. **Please report only on outputs and outcomes supported by this Research Manitoba grant.**

When preparing the Report,

- The person filling it up should be the lead investigator or proponent or project coordinator/manager;
- Ensure information is updated and, and where appropriate, consistent with information in the lead investigator's CCV;
- Provide specifics when answering, supported by quantitative data when available and appropriate;
- **If more rows/space are needed for any question(s), please attach additional pages to this report;**
- Depending on the nature of the supported project, some questions may not be applicable. Please use 'None' and 'Not applicable' only as appropriate;
- Research Manitoba may follow up about the outcomes and other impacts of completed projects/programs. Please provide a person's name and contact details who can be contacted at least 3-5 years after completing this Report.

The End of Grant Report is due two months (unless otherwise specified) after being notified by Research Manitoba.

If you have any question or feedback on the form, please do not hesitate to contact us at (204) 942-1918 or at mailto: <mailto:necole.sommersell@researchmb.ca> or at info@researchmb.ca.

END OF GRANT REPORT

BACKGROUND

1. Name and contact information (This section refers to the lead investigator or proponent)

Last Name:	First Name:	Initial:	
Street:	City:	Province:	Postal code:
Telephone:	Email:		

2. Institution primarily affiliated with (This section refers to the primary institutional affiliation of the lead investigator or proponent)

Institution:
Faculty:
Department:

3. Areas of research (This section refers to the lead investigator or proponent)

Areas of research (Enter at least 2):	
Condition or issue that is the research interest :	
Research Pillar (only for health research):	Years as independent researcher in Manitoba:

4. Award/grant information (This section refers to the proposal submitted to Research Manitoba)

Name of Research Manitoba award/grant:			
Amount:	Start date (MM/YYYY):	End date (MM/YYYY):	Duration (in years):
Program/project title:			
Program/project description:			
Goals of research program/project:			
Specific objectives:			

5. Please provide a name and contact information of a person who can be contacted 3-5 years after completing this Report for follow up regarding additional outcomes and potential impacts of the completed project/program.

Last Name:	First Name:	Initial:
Address:		
Telephone:	Email:	

Media (specify if print, television, radio, social media)							
Schools and students (please indicate if the audience are high school or university students)							
Industry (specify such as biotechnology, pharmaceutical, health, agriculture, other):							
Organization (specify such as charity/NGO):							

3. Referring to the previous question, what are the most significant knowledge sharing activities that you have done?

4. What do you consider the most important impacts of this activity? (Examples: requests for additional information or involvement, reported changes in behavior/opinions by the audience or by own colleagues, influence on decisions, influence on plans for future related activity, requests for further information, not aware of any impact)

BUILDING CAPACITY

5. Please state the number of students (undergraduate, Masters and Doctoral) and Postdoctoral Fellows that were trained or under training as a result of the award/grant. Please enter number of trainees and/or staff that were trained or under training for each row.

Trainees	Number Trained
Undergraduate students	
Masters students	
Doctoral students	
Post professional degree	
Postdoctoral fellows	
Other (please specify):	

6. Please state the number of research and other staff that were recruited/employed and trained as a result of the award/grant.

Please enter number of trainees and/or staff that were trained or under training for each row.

Staff	Number recruited	Number trained
Research assistant		
Research technician		
Other (please specify):		

COLLABORATIONS

- 7. Please identify the investigators and organizations involved, and a description of the collaboration.** Type of collaboration includes funding applications, publication of a paper, implementation of a research project, knowledge translation, etc. Institutions/organizations/companies refer to the PI's collaborators and may come from Manitoba, in Canada or internationally. Presence of formal agreements such as material transfer agreements, memorandums, etc. should be indicated by yes or no [Y/N]. Financial/in-kind contribution refers to that brought into research by collaborators; dollar estimates should be provided. Contributions to the collaboration should be described and distinction made between those by the PI's research team, and by collaborators; these should refer to the financial contributions. Area of impact can be in policy, public services, medical products, cultural, societal, economic or no impact yet.

Type of collaboration	1.	2.	3.	4.
Description of collaboration (please indicate if multi-disciplinary and if so, the disciplines involved as well as if the collaboration is local, national, or international)				
Collaborating researchers, institutions, organizations, and/or companies				
Presence of formal agreements [Y/N]				
Start – end date (MM/YYYY to MM/YYYY)				
Contribution by collaborating organization/institution - Financial				

Contribution by collaborating organization/institution – <i>In-kind</i>				
Contributions by research team (non- financial)				
Contributions by collaborators (non- financial)				
Outputs and outcomes of the collaboration				
Area of impact				

8. Referring to the previous question, what are the most significant collaboration activities that you have done?

9. Why do you consider these the most significant collaboration?

LEVERAGED FUNDING

10. Please list any **additional funding** you received as a result of this award/grant. If in-kind, please estimate value of the award/grant. Type of funding refers to research/operating grants, fellowships, studentships, infrastructure/equipment, travel and other which should be specified.

Name of funding agency	Funding program	Type of funding	Value of award/grant (\$)	Start date – End date (MM/YYYY to MM/YYYY)	Date received (MM/YYYY)
<i>At the same time as funding from Research Manitoba</i>					
<i>After the funding from Research Manitoba has been completed</i>					

11. If applicable, please describe how the Research Manitoba funding helped to leverage this fund or support.

INTELLECTUAL PROPERTY / PRODUCTS

12. Please list all intellectual property (IP) that resulted due to your receiving the Research Manitoba award/grant.

Activity/outcome	Year	Number	Value (\$)	Description	Outcomes/impacts from IP
Patents applied (describe and give number applied)					
Patents approved (number of patents granted/ published)					
Licensing agreements (describe commercial or non-commercial agreements)					
Other, specify					

13. Please list all technical products that were developed as a result of the Research Manitoba award/grant. Technical products can include web tools/application, software, e-business platform, grid application, physical model/kit, new material/compound, new/improved technique/technology, systems, materials and instrumental engineering; detection devices and others. Description should include the type (app, browser add-ons etc.), what it does, the name and other relevant information.

Name of product	Description	License	Open source? [Y/N]	Stage of development	Outcomes/impacts resulting from product

14. Please list all research outputs (e.g., databases and models, tools and methods), that have been developed as a result of the Research Manitoba award/grant. For model of mechanisms or symptoms, indicate if human, mammalian in vivo, in vitro, non-mammalian in vivo as part of the description.

Type	Description	Provided to other research groups? [Y/N]	Year provided	Outcomes/impacts resulting from database or model
Database/collection of data				
Data analysis technique				
Computer model/algorithm				
Data handling and control				
Other, specify:				
Biological samples				
Cell line				
Technological assay/reagent				

Model of mechanisms or symptoms				
Physiological assessment or outcome measure				
Improvements to research infrastructure				
Antibody				
Banks/libraries established				
Contributions to banks/libraries				
Other, specify:				

15. Please list all medical products, interventions and clinical trials that have resulted because of the Research Manitoba award/grant. Type of product can include medical products/interventions, other products, and services/processes. For medical products/ interventions, these can include diagnostic tools, therapeutic interventions, preventive intervention, management of disease and conditions, health and social care services, support tool. For diagnostic tool – indicate if imaging or non-imaging as part of the description. Therapeutic intervention – indicate if drug, vaccine, cellular and gene therapy, medical device, surgery, radiotherapy, psychological/ behavioral, physical or complementary as part of the description. Preventive intervention – indicate if behavioral risk modification, physical/biological risk modification or nutrition and chemoprevention as part of the description. Support tool – indicate if for fundamental research or medical intervention as part of the description. Other products can be consumer products or food products. Consumer products are merchandise that are used daily and purchased for private consumption. Services, processes and standards can refer to consumer products and/or industry. Development status – indicate if initial development; refinement: non-clinical; refinement: clinical, early clinical assessment, late clinical evaluation; market authorization; small scale adoption; or widespread adoption. Year refers to when the development was completed.

Type of products/services	Description	Development status	Tested via clinical trial? [Y/N]	Year (YYYY)	Outcomes/impacts from products/services
Other, specify:					

RESEARCH INFRASTRUCTURE

16. Please state how the award/grant has supported research infrastructure. Research infrastructure are facilities, resources, platforms and related services that are used by the research community to conduct research. These can be physical, digital and biological/chemical (e.g. biobanks), in nature and external to the supported research project.

Name of research infrastructure	Description of research infrastructure	Period used		# of times used	Description of organization/ company operating research infra	Outcomes/impacts from use of research infrastructure
		Start (YYYY)	End (YYYY)			

INFORMING DECISION MAKING

17. Please explain how the research supported by the award/grant influenced policy, practice, patients, the public, the development of products, services, standards and processes, and the construction of physical and digital infrastructure. Also indicate who the users are/were or who have been using your research results. Please answer all that apply and provide figures when appropriate. Year refers to when the influence on policy or practice was realized. Description should explain how research findings were used and who the users are; in the case of citations, the title(s) of publications, guidelines and/or other documents should be identified. Reach of influence can be local/municipal/provincial, regional, national or international. Sector of influence refers to aerospace, agriculture, social services, policy, education, environment, health care, pharmaceuticals, etc. Impacts refer to improvements in survival, morbidity or quality of life; improved accessibility of public services, improved educational and skill level of workforce, changed public attitudes, economic impacts, etc.

Area of influence	Year	Description (include titles of publications)	Reach of influence	Sector of influence	Outputs/outcomes
Training of practitioners or researchers					
Citation in clinical guidelines					
Citation in clinical reviews					
Citation in policy documents					
Citation in in systematic reviews					
Used as evidence in a government review					
Used in circulars, briefs, letters					

Participation in committees					
Participation in national consultations					
Contribution to general knowledge about the subject					
Changing conventional wisdom					
Role of research in attracting students and fellows (indicate number attracted)					
Role of research in attracting investigators (indicate number attracted)					
Informing the work of organizations					
Informing/change in theory or research methods					
Influence on (health, social, other) guidelines (at local, national and/or international level)					
Influence on (health, social, other) policy (at local, national and/or international level)					
Influence on academic, professional, and clinical practice (at local national and/or international level)					
Influence on existing/new programs and/or interventions (at local national and/or international level)					
Benefits/information for patients					
Consultations with industry					
Other, specify					

RECOGNITION

18. Please list all prizes, awards or commendations as a result of the Research Manitoba award/grant received from you and/or your research team. Type of award can be a research prize, medal, honorary membership, appointment as editor/adviser, poster/abstract prize, keynote speaker etc.

Type of award	Name of prize/award/commendation	Name of recipient	Year received	Description of award including reasons and role of recipient	Outcomes as a result of the commendation

SPIN-OFFS

19. Please provide details about any spin-offs as a result of the Research Manitoba award/grant.

Name of company	Country of operation	Year established	Number employed	Description of company	Outcomes/impacts of company

RESEARCH RESULTS/IMPLEMENTATION

20. Please provide a lay summary of the overall findings and implications according to the original objectives of the research.

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21. What are the additional and/or unintended discoveries/achievements/successes? Please be as specific as possible.

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22. To what extent have you achieved the research goals? If the goals have not been met or were partially met, please explain what happened and why. Please be as specific as possible.

Did you accomplish your research goals/objectives? Please provide a brief explanation.	
Did you accomplish all the planned activities? Please explain causes of changes/delays/non-completion, if any, and how these were dealt with.	

23. What steps did you take translate research findings/knowledge? Please be as specific as possible.

Describe how stakeholders, end-users, patients and others have been involved.	
Describe how findings have been communicated/ disseminated.	
Provide the status of the KT plan, if any.	
Describe other steps taken to translate research findings.	

24. Please explain any plans in place to help move the research forward after the award/grant's conclusion:

How will the findings be used by you or others?	
Will there be changes in direction and scope? Please provide a brief explanation.	
What are your plans to seek additional funding after this Research Manitoba award/grant? (Please provide an outline of next steps including a timeline.)	

25. What lessons did you learn in the development and execution of this research project?

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26. How can these lessons be applied in future studies, initiatives or career development? Please present lessons in the context of the process of designing and implementing the research rather than the actual findings.

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27. Is there anything else you want to share with Research Manitoba? Please include any issue or concern.

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