# Impact of archiving manuscripts in institutional /subject repositories on knowledge translation

Submission date	Recruitment status	Prospectively registered
08/07/2008	No longer recruiting	Protocol
Registration date	Overall study status	Statistical analysis plan
08/08/2008	Completed	Results
Last Edited	Condition category	[] Individual participant data
11/07/2014	Other	[] Record updated in last year

## Plain English summary of protocol

Not provided at time of registration

## **Contact information**

## Type(s)

Scientific

#### Contact name

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#### Contact details

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## Additional identifiers

Protocol serial number MOP-84476

# Study information

Scientific Title

## **Study objectives**

New public policies in the United States of America (USA), Canada, and other countries stipulate that publicly funded research must be made publicly accessible, for example by depositing it in subject repositories such as PubMed Central or in institutional repositories. It is unclear if this

results in higher visibility and higher number of citations. We will investigate whether manuscripts which are accessible through PubMed Central (PMC) or other repositories receive a higher citation count than manuscripts which are not made accessible through "self-archiving" (i. e., depositing manuscripts in subject repositories).

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Ethics approval pending from the University Health Network Research Ethics Board (UHN REB) as of 10/07/2008. Application submitted on 07/07/2008.

## Study design

Randomised controlled trial

## Primary study design

Interventional

## Study type(s)

Other

## Health condition(s) or problem(s) studied

Medical publishing

#### **Interventions**

The unit to be randomised are published manuscripts. The authors will be sending their manuscripts to be randomised so that the authors will not know whether the manuscript will be either archived on Pubmed Central (intervention) or not (control). A citation analysis will be performed every 6 months for a minimum of 3 years.

## Subset analyses.

The data analysis plan involves comparing the mean number of citations as well as the proportion of uncited manuscripts between the control and intervention group every 6 months. We are also planning three separate subset analyses:

- 1. We will compare the two groups within discipline-specific subgroups
- 2. We will compare the two groups in subgroups depending on the timing of open access (e.g. a subgroup of only those articles which are immediately open access, or within a subgroup of manuscripts which are open access after 12 months)
- 3. We will compare the groups in subgroups of highly cited and less cited manuscripts at baseline

## Intervention Type

Other

#### **Phase**

**Not Specified** 

#### Primary outcome(s)

Citations within the scientific literature, assessed every 6 months.

## Key secondary outcome(s))

Other measurements for uptake and dissemination of scientific knowledge, including:

- 1. Citations in news articles
- 2. Citations on the Internet
- 3. Uptake by end-users and policy makers

Assessed every 6 months.

## Completion date

01/08/2013

# Eligibility

## Key inclusion criteria

- 1. Authors of manuscripts with at least one NIH-funded co-author
- 2. Manuscript published between January 1st 2008 and April 7th 2008
- 3. Manuscript is not already accessible on PMC or as free full text elsewhere
- 4. The copyright policies of the journal allow 'self-archiving' on subject repositories such as PMC

## Participant type(s)

Patient

## Healthy volunteers allowed

No

## Age group

Other

#### Sex

Αll

## Key exclusion criteria

- 1. Authors whose email address is not listed in the affiliation field of PubMed
- 2. Letters, editorials, and reviews

#### Date of first enrolment

01/08/2008

#### Date of final enrolment

01/08/2013

## Locations

#### Countries of recruitment

Canada

## Study participating centre 190 Elizabeth St

Toronto

# Sponsor information

## Organisation

University Health Network (Canada)

#### **ROR**

https://ror.org/042xt5161

# Funder(s)

## Funder type

Research organisation

#### **Funder Name**

Canadian Institutes of Health Research (Canada), ref: MOP-84476

## Alternative Name(s)

Instituts de Recherche en Santé du Canada, Canadian Institutes of Health Research (CIHR), CIHR\_IRSC, Canadian Institutes of Health Research | Ottawa ON, CIHR - Welcome to the Canadian Institutes of Health Research, CIHR, IRSC

## **Funding Body Type**

Government organisation

## **Funding Body Subtype**

National government

#### Location

Canada

## **Results and Publications**

Individual participant data (IPD) sharing plan

IPD sharing plan summary

### Study outputs

Output type

**Details**