

Metrics and Impact Core (MIC)

The Metrics and Impact Core (MIC), housed in Galter Library, has expertise in bibliometrics, data visualization, continuous improvement, information systems and alternative metrics. The core provides extensive advisory services for researchers, groups or departments on topics such as:

- developing successful publishing strategies
- managing or tracking publications
- maintaining an impactful online identity
- measuring or assessing research impact by discipline
- communicating research impact to audiences

MIC uses a wide collection of resources, including Scopus, Web of Science, Google Scholar, NU Scholars, Journal Citation Reports, and more, to provide services and reports for:

- **Researchers or clinicians** to demonstrate impact of published works to promotion or tenure committees, or the impact of research studies to funding agencies when applying for funding
- **Research groups/institutions/departments** to discover how research findings are being used to promote science, or an overall view of research publications and outputs by a specific group

Our upcoming Research Impact Guide will provide information on bibliometric analysis, alternative metrics, research impact analysis, information visualization, evaluation frameworks, and more. Also, check out our Galter [Classes](#) page to learn more about or request courses.

For questions or inquiries on services, please contact:

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[Karen Gutzman](#), Impact and Evaluation Librarian

Methods and services

- **Advanced Bibliometric Analysis** - Provides an understanding of productivity and emerging indicators of impact. Ongoing analyses in MIC include tracking “hot” and “highly cited” papers for discipline-specific percentile ranking and assessment of productivity, recognition/influence, efficiency, relative impact and benchmarking.
- **Alternative metrics** - Enables characterization of dissemination and public engagement. This data supplements conventional bibliometrics and allows real-time social engagement data to be collected and monitored in a meaningful way for a broad array of research products.
- **Social Network Analysis (SNA) and data visualizations** - Facilitate an understanding of relationships between people, organizations, concepts, or services. SNA provides snapshots of programs, collaborations, resources, and services which can be used to describe, predict, and measure the effect of interventions.
- **Surveys** - Measure satisfaction, collaboration, effectiveness of training. Surveys may be utilized for post-

consultation or service surveys; post-event surveys for training and workforce development events (courses, workshops, training events, online tutorials, seminars), and annual surveys on satisfaction, collaboration, and community engagement.

- **Micro-case studies & interviews** - Efficiently enable in-depth qualitative assessments using a modified CADTH framework [1] to facilitate effective and efficient case studies.

[1] Canadian Agency for Drugs and Technologies in Health (CADTH) (2014). Retrieved from <http://www.cadth.ca/en/cadth/evaluation-reports>

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