

WHITE PAPER ON BIBLIOMETRICS UPDATE

SUMMARY

The “White Paper on Bibliometrics Update” will produce an update of the 2016 “[White Paper: Measuring Research Output through Bibliometrics](#).” Since 2016 the “White Paper” has been heavily used as a foundational and guiding document at Waterloo and has gained attention within the bibliometrics community beyond. However, the intention of the document was always meant to be a “living” document with periodic updates. Furthermore, since first publishing the White Paper, there are consistently questions about a) how to better serve the Arts, Humanities and Social Sciences in bibliometrics and research impact, b) the role of alternative metrics in analyses, c) the intersection of equity, diversity and inclusion and bibliometrics, d) collaboration and interdisciplinarity, e) practical guidance on the responsible use of metrics. There is also interest in looking at the impact that COVID has had on research and related outcomes. This update will incorporate reflections, lessons learned and the modern context into its existing form.

We are not trying to solve problems but are gathering the latest thinking on these topics, exploring the caveats, discussing what issues to consider and moving the current thinking ahead.

OUTCOMES AND DELIVERABLES

Outcomes

- Update the existing White Paper to include current dialogue, literature, and review of the above topics.
- Expand the scope of the White Paper to include specific examples related to the responsible use of bibliometrics at Waterloo.
- Consider a broader range of research outputs in the White Paper.

Deliverables

- An updated version of the White Paper with a focus on additional information, not a complete review and rewrite.
- Supplementary documentation as deemed useful.
- Engagement with the university stakeholders and the broader academic community for input, communication, education and outreach.

PROJECT TEAM, TASK FORCES, AND STAKEHOLDERS

The project will be guided by the Working Group on Bibliometrics. The Project Manager will be the Bibliometrics and Research Impact Librarian who will coordinate the Project Team made up from 6 small Task Forces of 2-3 people. These Task Forces will be made up from the WGB membership as well as interested and available individuals from stakeholder groups. Individuals may participate in more than one Task Force if interested. The Project Manager will participate in one or more Task Forces as well. Some Task Forces will run concurrently, however, to accommodate limited resources some will also be staggered as outlined in the timeline below.

Project Support:

A Master of Library and Information Studies Co-op Student has been hired for the Spring and Fall Terms to support this project. They will be aiding in the work of each Task Force and with the overall project management.

TASK FORCE TOPICS:

Task Force 1: How to better serve the Arts, Humanities and Social Sciences in bibliometrics and research impact

Task Force 2: The role of alternative metrics in analyses

Task Force 3: The intersection of equity, diversity, and inclusion and bibliometrics

Task Force 4: Exploring collaboration and interdisciplinary research with bibliometrics

Task Force 5: The impact of COVID on research

Task Force 6: Practical guidance on the responsible use of metrics

TASK FORCE RESPONSIBILITIES:

Each Task Force will be required to complete the following:

- Literature Review
- Information gathering using the unpublished sources and experts.
- Draft relevant sections on the task force topic for integrate into the existing White Paper
- Create supplemental documents and resources for posting outside of the White Paper (as needed)
- Attend Task Force meetings
- Attend Project Team meetings
- Participate in stakeholder consultation when sharing the compiled updated White Paper draft (not all members of the Task Forces will be required to attend)

PROJECT MANAGEMENT, LEADERSHIP, AND ROLES

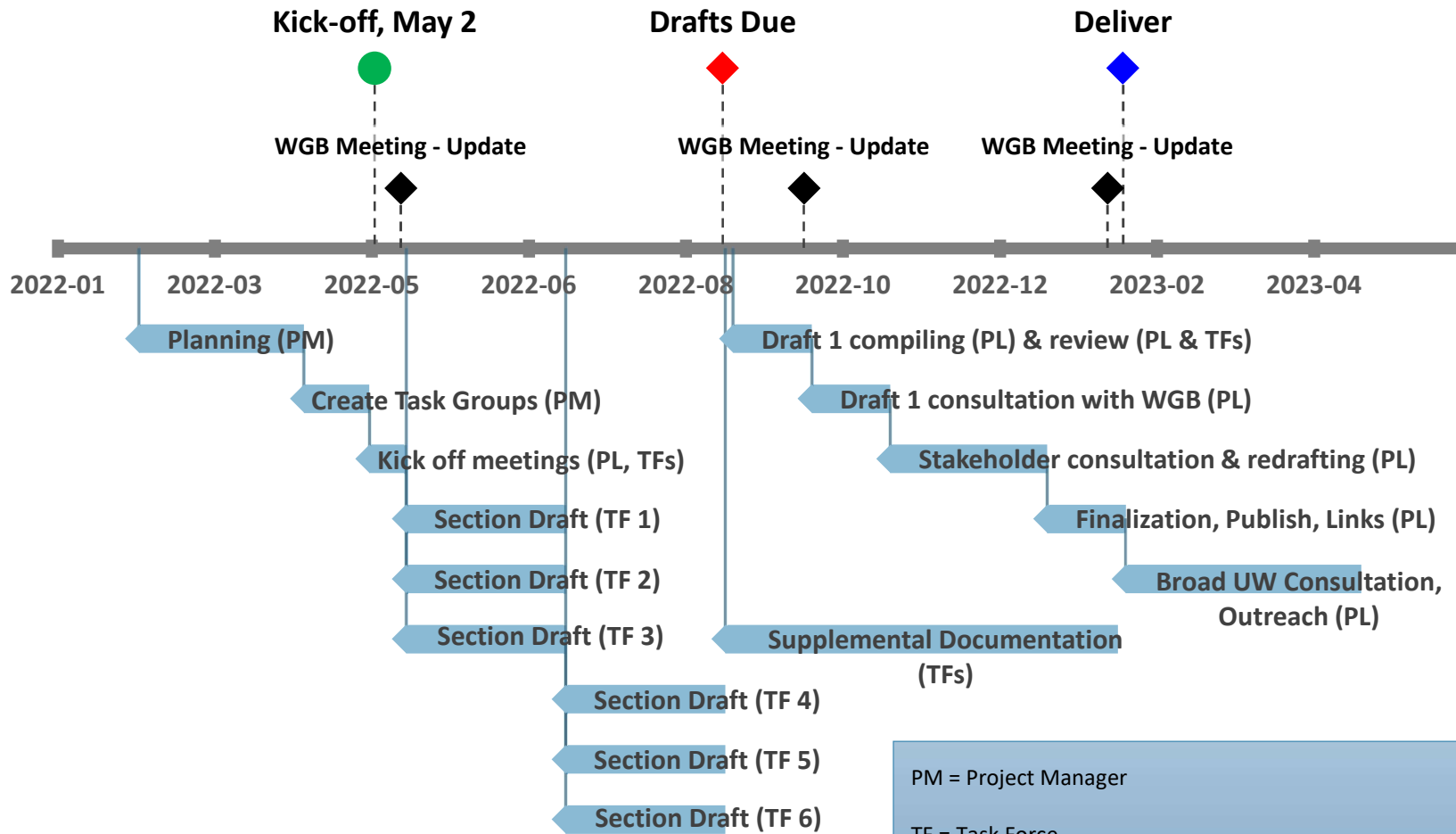
The Project Manager (PM) will be the Bibliometrics and Research Impact Librarian (BRIL), with assistance from the MLIS Coop Student. The PM, MLIS Coop and Task Force Representatives (TFR) will make up the Project Leads (PL). The PLs will have regular check-ins with the option of all Task Force (TF) members attending. Once each TF has completed the draft for their topic(s) the PL will compile the individual drafts into the White Paper Update draft, in consultation with each TF. The PL will then lead consultations with the WGB and other campus stakeholders. Supplemental documentation will be developed, as needed, by each TF and posted as online resources.

STAKEHOLDERS:

Stakeholders will be essential for broad university engagement and will include but not be limited to:

- Faculties and Departments
- Research Centres and Institutes
- Office of Human Rights, Equity, Inclusion and Anti-racism
- Office of Indigenous Relations
- President's Anti-Racism Taskforce
- Office of Research: Research Equity and Inclusion group
- Campus Wellness
- Office of Sustainability
- Waterloo International
- Library
- Office of Institutional Analysis and Planning
- Office of Research
- Centre for Teaching Excellence

White Paper Update - Project Timeline



PM = Project Manager
 TF = Task Force
 PL = Project Leads: includes PM, MLIS Coop, & Task Force Reps.