

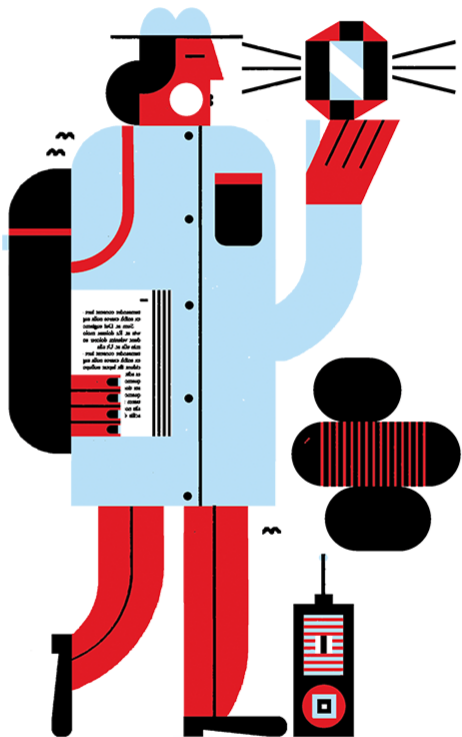


NSERC Community Update 2024

Catherine Harrison

May 29, 2024

Budget 2024



Budget 2024

Investing in Homegrown Research Talent

- **\$825 million over five years**, starting in 2024-25, with \$199.8 million per year ongoing, to **increase the annual value of master's and doctoral student scholarships** to \$27,000 and \$40,000, respectively, **and post-doctoral fellowships** to \$70,000.
- This will also increase the number of research scholarships and fellowships provided, building to approximately **1,720 more graduate students or fellows benefiting each year**.
- To make it easier for students and fellows to access support, the enhanced suite of scholarships and fellowship programs will be **streamlined into one talent program**.

Budget 2024

Enhancing Research Support

- To increase core research grant funding and support Canadian researchers, Budget 2024 proposes to provide **\$1.8 billion over five years, starting in 2024-25, with \$748.3 million per year ongoing to SSHRC, NSERC, and CIHR.**
- Budget 2024 also proposes to provide a further **\$26.9 million over five years, starting in 2024-25, with \$26.6 million in remaining amortization and \$6.6 million ongoing**, to the granting councils to establish an improved and **harmonized grant management system.**
- **\$30 million over three years, starting in 2024-25, to support Indigenous participation in research**, with \$10 million each for First Nation, Métis, and Inuit partners.

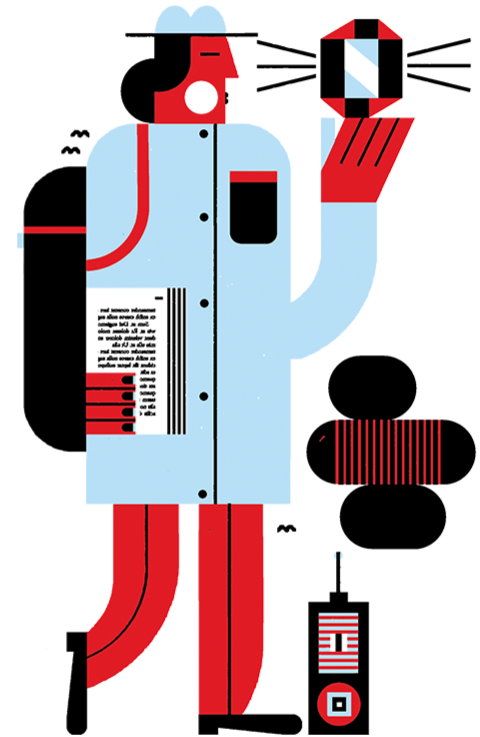
Budget 2024

Enhancing Research Support (Coordination)

- To provide better coordination across the federally funded research ecosystem, Budget 2024 announces the government will create **a new capstone research funding organization. The granting councils will continue to exist within this new organization**, and continue supporting excellence in investigator-driven research, including linkages with the Health portfolio. This new organization and structure will also help to advance **internationally collaborative, multi-disciplinary, and mission-driven research**.
- The government will create an **advisory Council on Science and Innovation**. This Council will be made up of leaders from the academic, industry, and not-for-profit sectors, and be responsible for a **national science and innovation strategy** to guide priority setting and increase the impact of these significant federal investments.

Research Grants and Scholarships

Subventions de
recherche et
bourses



Thank You!

Almost 4,000 Discovery Research Program Applications received

480+ Evaluation Group (EG) Members

700+ internal reviewers

5,000+ external reviewers

2023 Discovery Grants Results - Overview

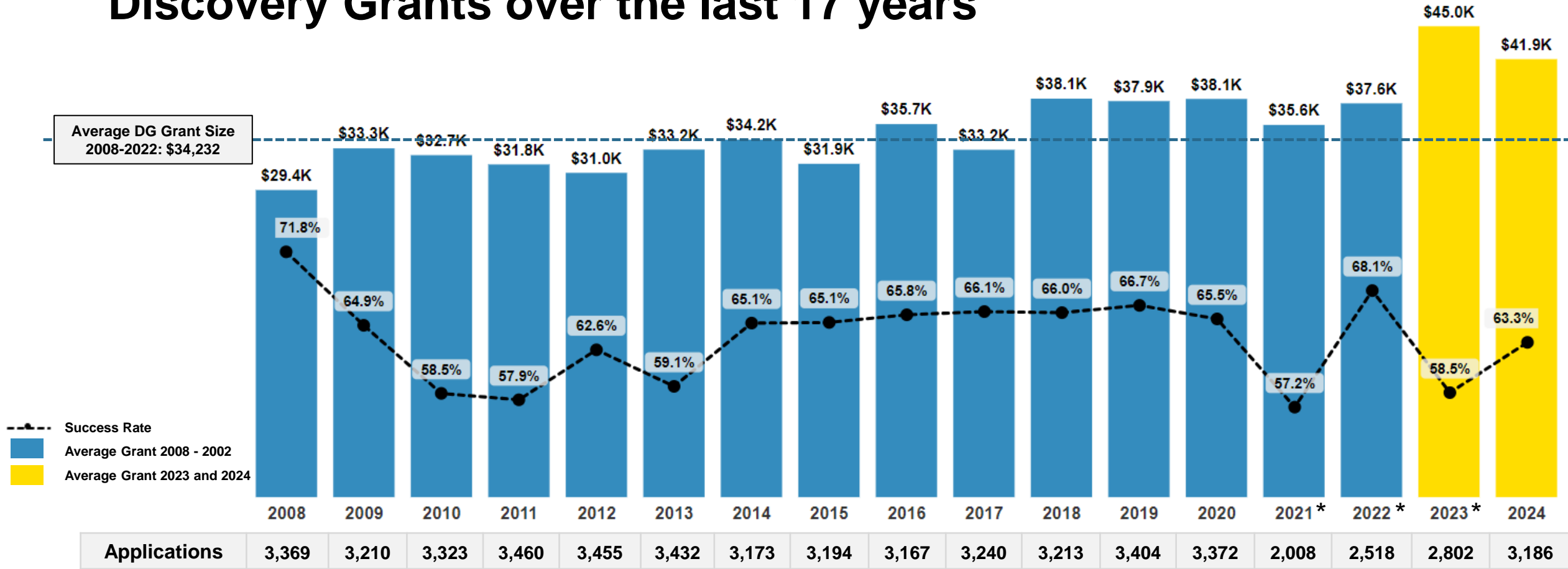
Discovery Grants Competition 2024

Special thanks to the Physics EG / SAPES members and chairs:

- Group Chair: **Kristin Poduska**
- Section Chairs for Physics: **Philippe Després, Laura Filion, Christopher Homes, Tsuneyuki Ozaki, Marcin Sawicki**
- Section Chairs for SAPES: **Roxanne Guénette and Matthias Schindler**
- Members of Physics EG: http://www.nserc-crsng.gc.ca/NSERC-CRSNG/committees-comites/Physics-Physique_eng.asp
- Members of SAPES: http://www.nserc-crsng.gc.ca/NSERC-CRSNG/committees-comites/SubatomicPhysics-PhysiqueSubatomique_eng.asp

2024 Discovery Grants Results - Overview

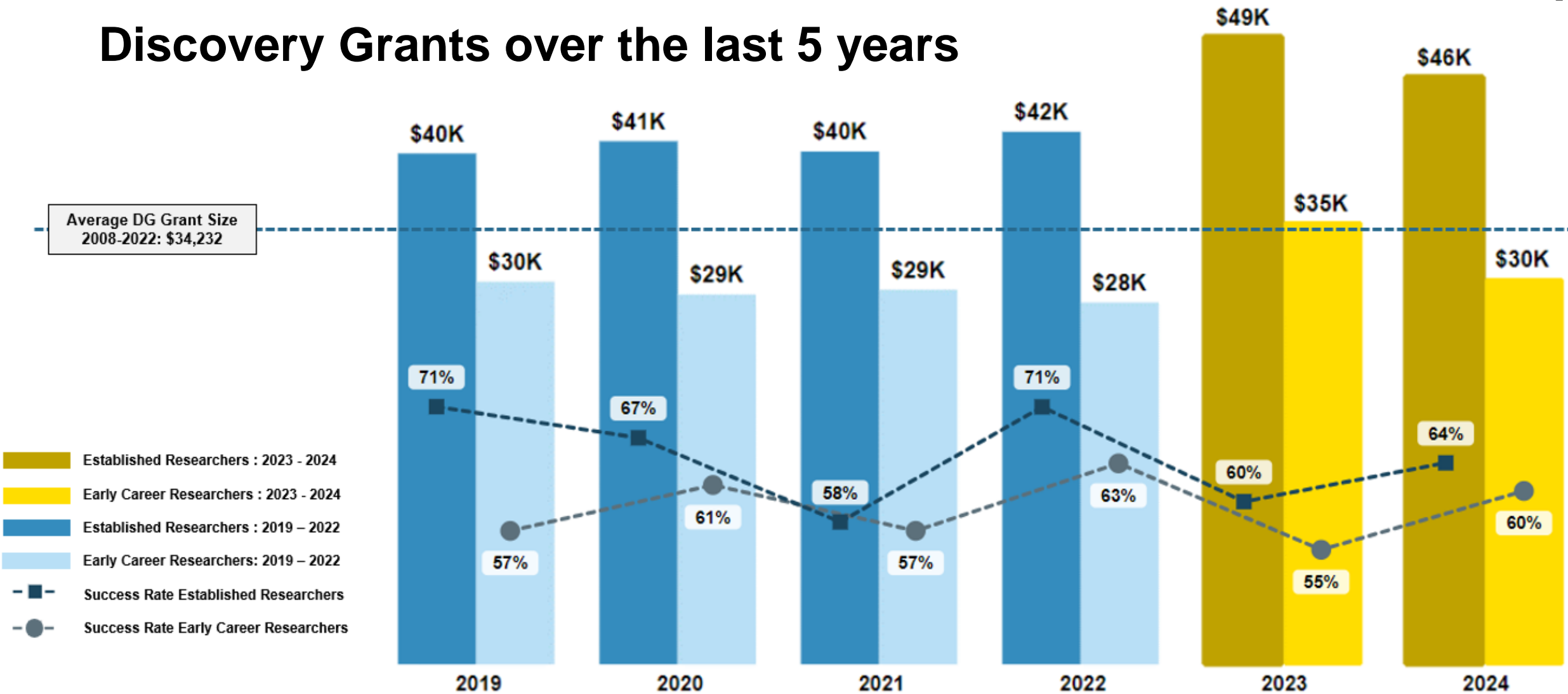
Discovery Grants over the last 17 years



*Pools of applicants differ from a typical year, due to COVID-19 one-time extensions with funds provided to eligible DG holders

Results presented for CY2024 are not official

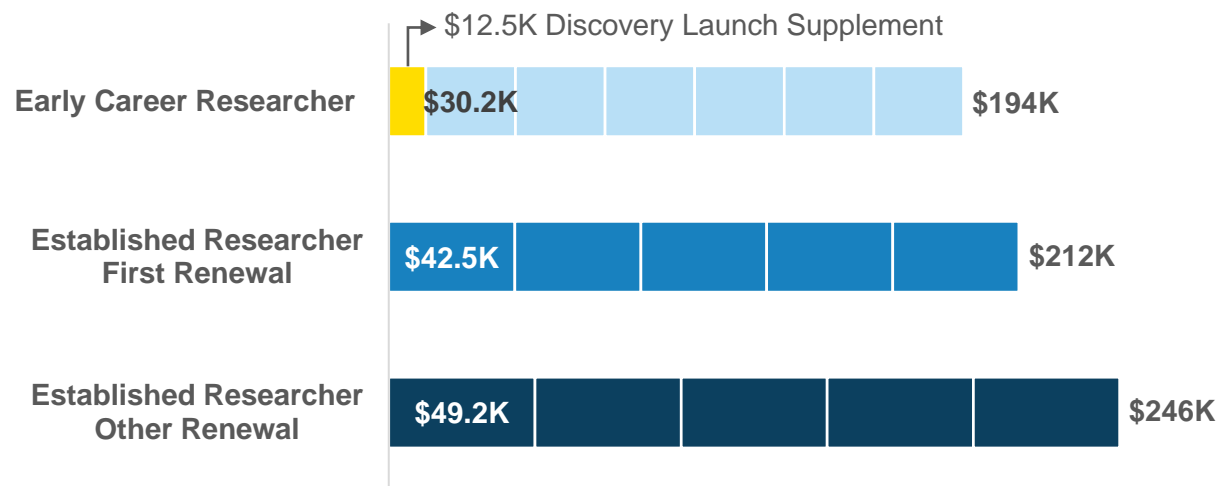
Discovery Grants over the last 5 years



2024 Discovery Grants Results – Overview

Supporting Early Career Researchers

Total Amount Awarded



- Most Early Career Researchers (ECRs) who apply within the 5-year eligibility window are funded
- The window is adjusted for eligible delays (credited as twice the amount of time taken)
- ECRs receive a one-time Discovery Launch Supplement (\$12,500) and the option of a 6th year of funding
- The success rate of applicants who reapply after their first grant is over 70%

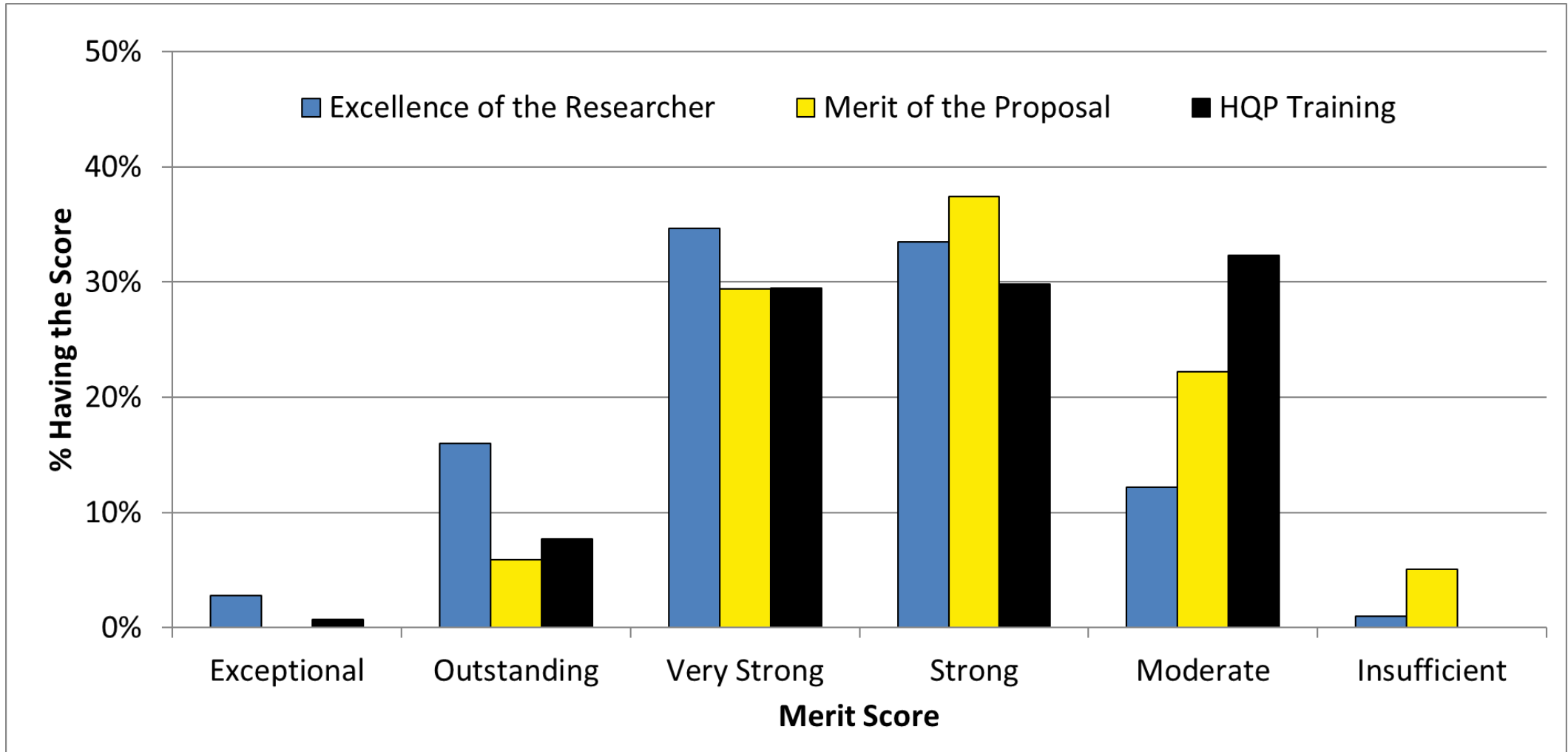
2023 Discovery Grants Results – Overview

Overall DG – Results by Applicant Category

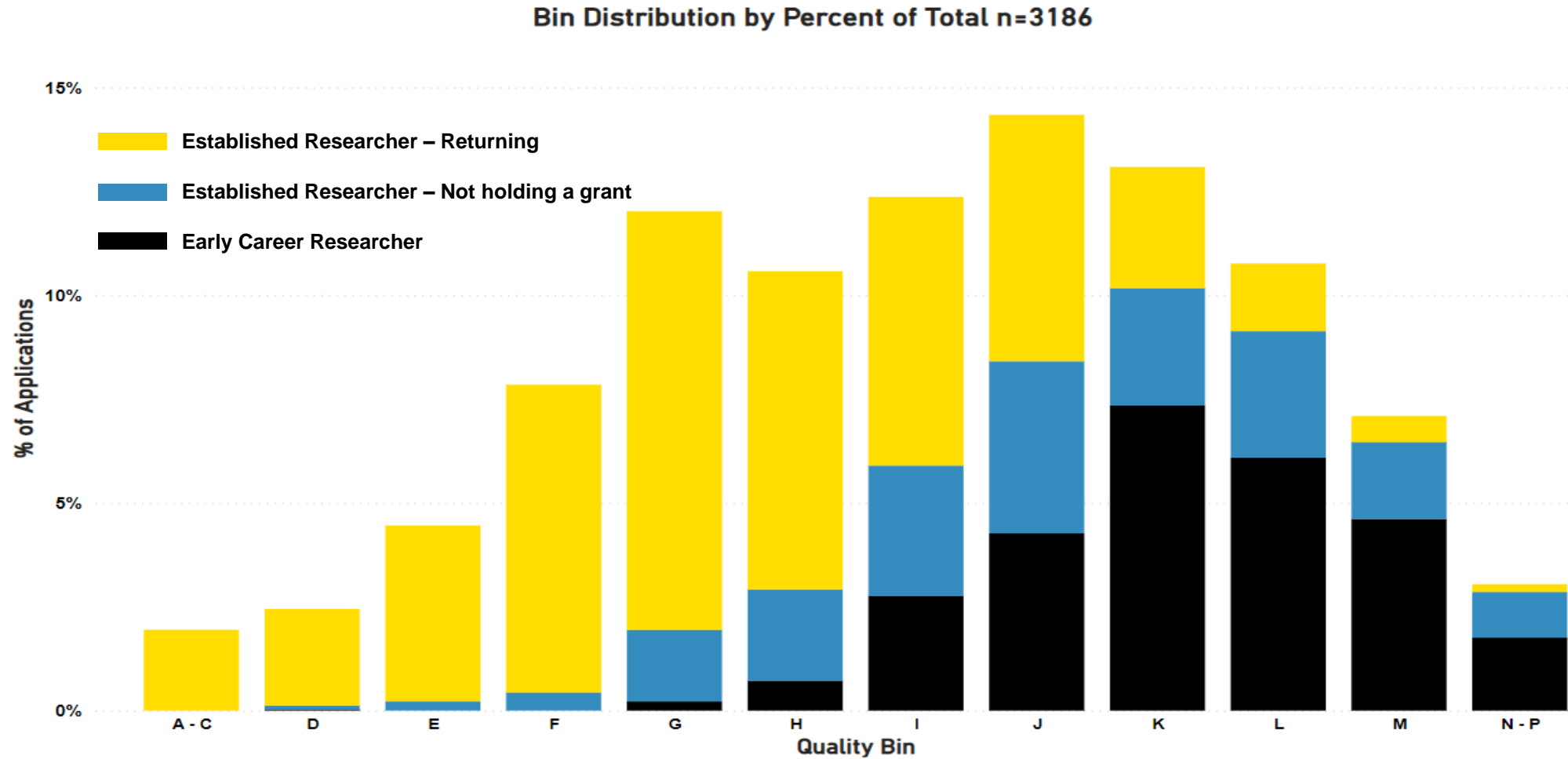
	Early Career Researcher (ECR)	Established Researchers (ER)				Overall
		First Renewals	Other Renewals	Not Holding a Grant	All Established Researchers	
# of applications	886	452	1186	662	2,300	3,186
# of awards	536	325	920	234	1,479	2,015
Success Rate	60%	72%	78%	35%	64%	63%
Average Grant (yearly)	\$30,195*	42,456	49,245	\$38,736	\$46,090	\$41,862

* Does not include additional Discovery Launch Supplement funding provided in first year (\$12,500)

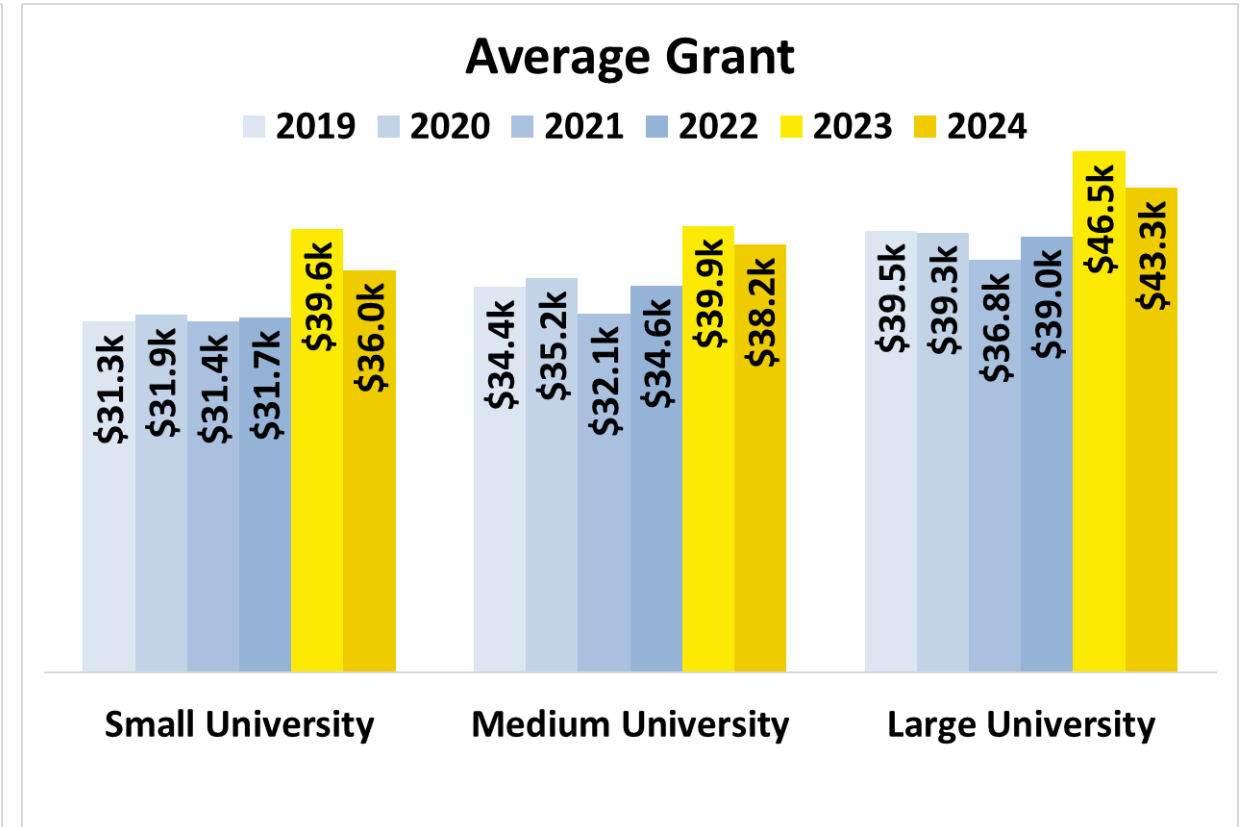
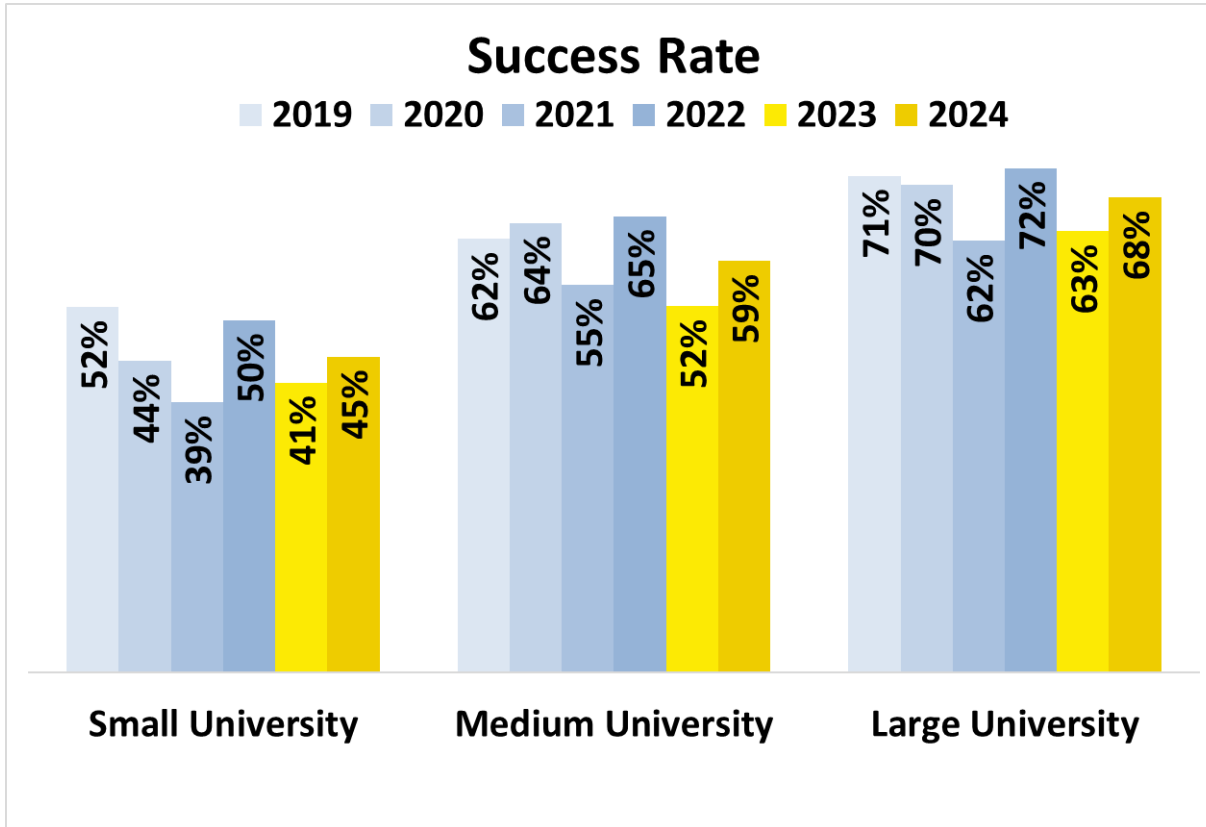
Overall DG – Distribution of merit indicator ratings



Overall DG – Results by Applicant Category



Results by Institution Size and Year

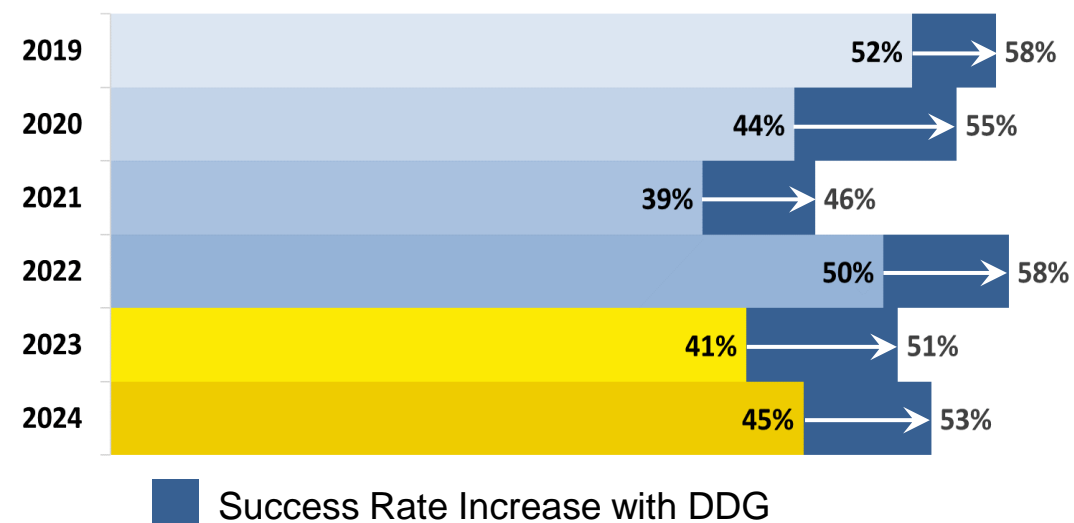


2024 Discovery Grants Results - Overview

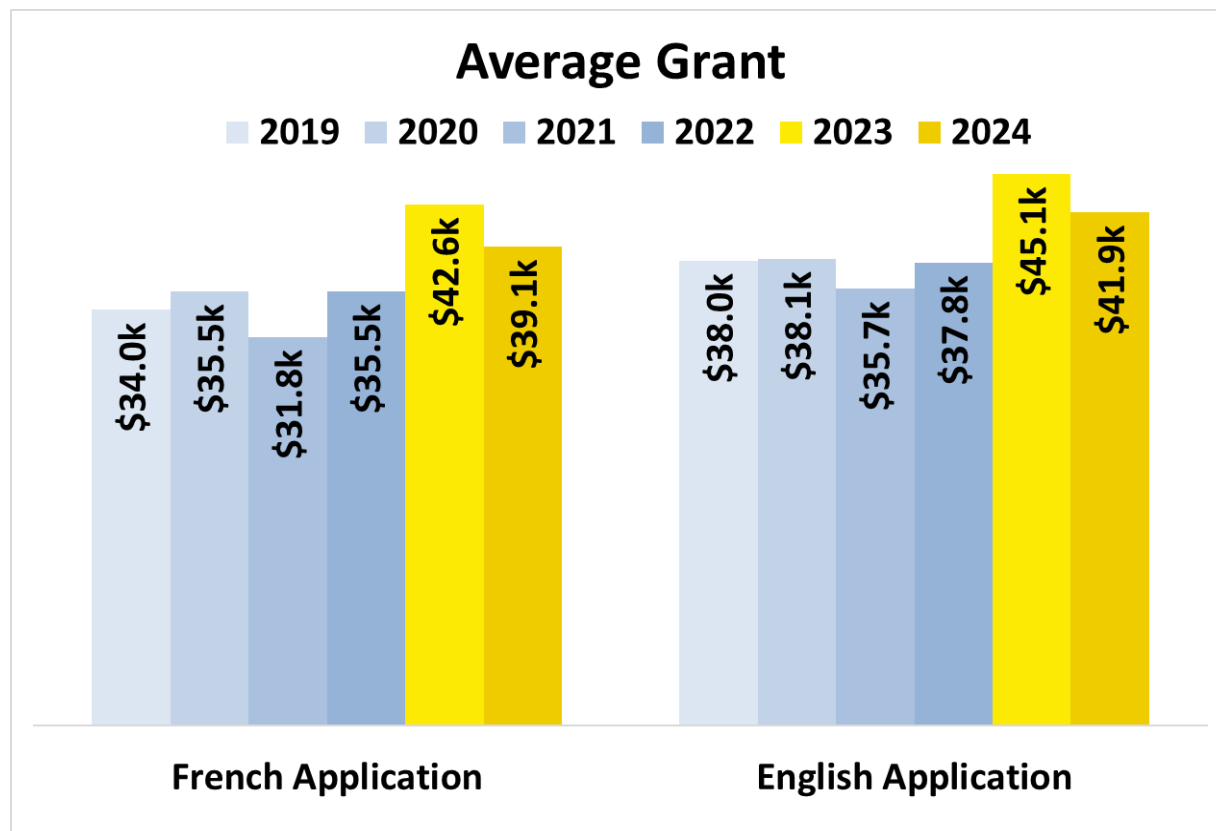
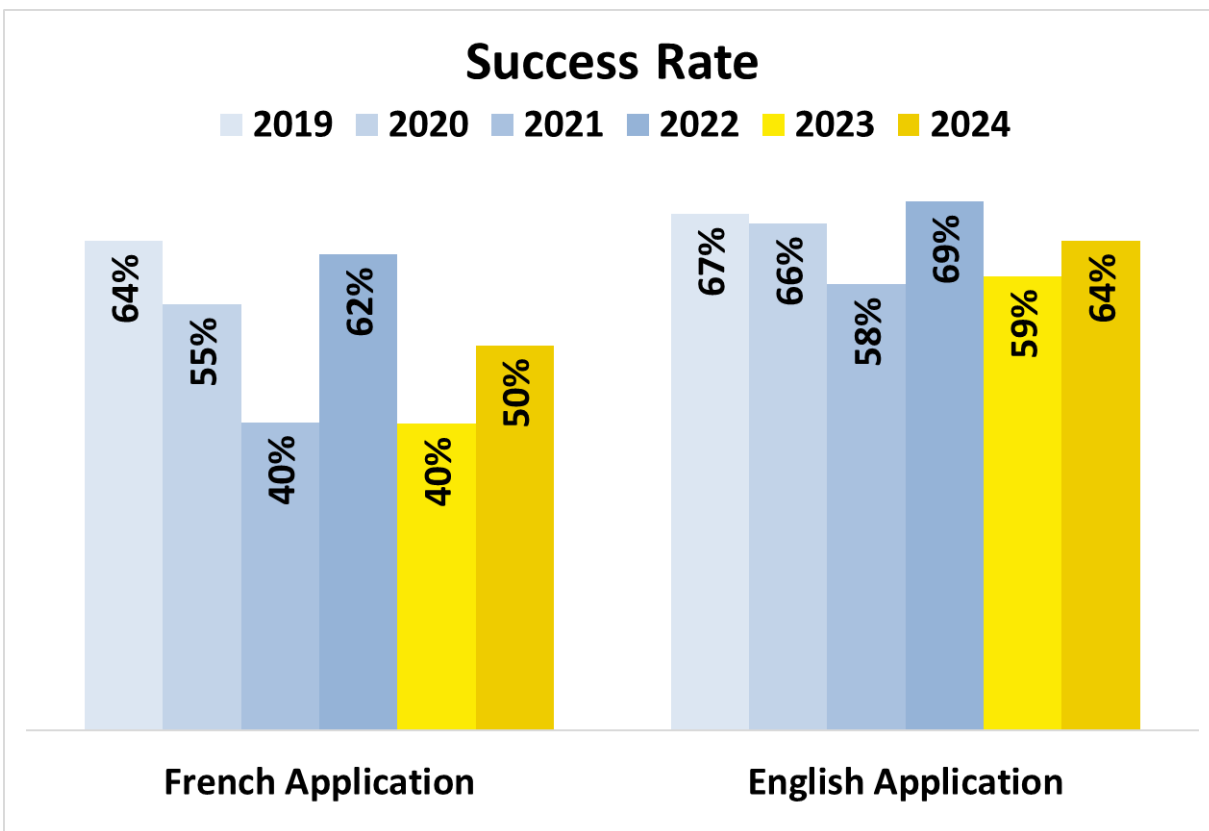
Supporting research at small institutions

- Discovery Development Grants (DDG) provide resources to researchers from small universities whose Discovery Grant (DG) applications were deemed to be of appropriate quality to merit research support but fell below the funding cut-off.
- 2-year awards valued at \$20k/year plus additional support provided by university.
- University must support grantee through additional measures, such as matching funds, teaching release, purchase of research equipment, scholarship support, travel support, etc.

Small University Success Rates Including DDG

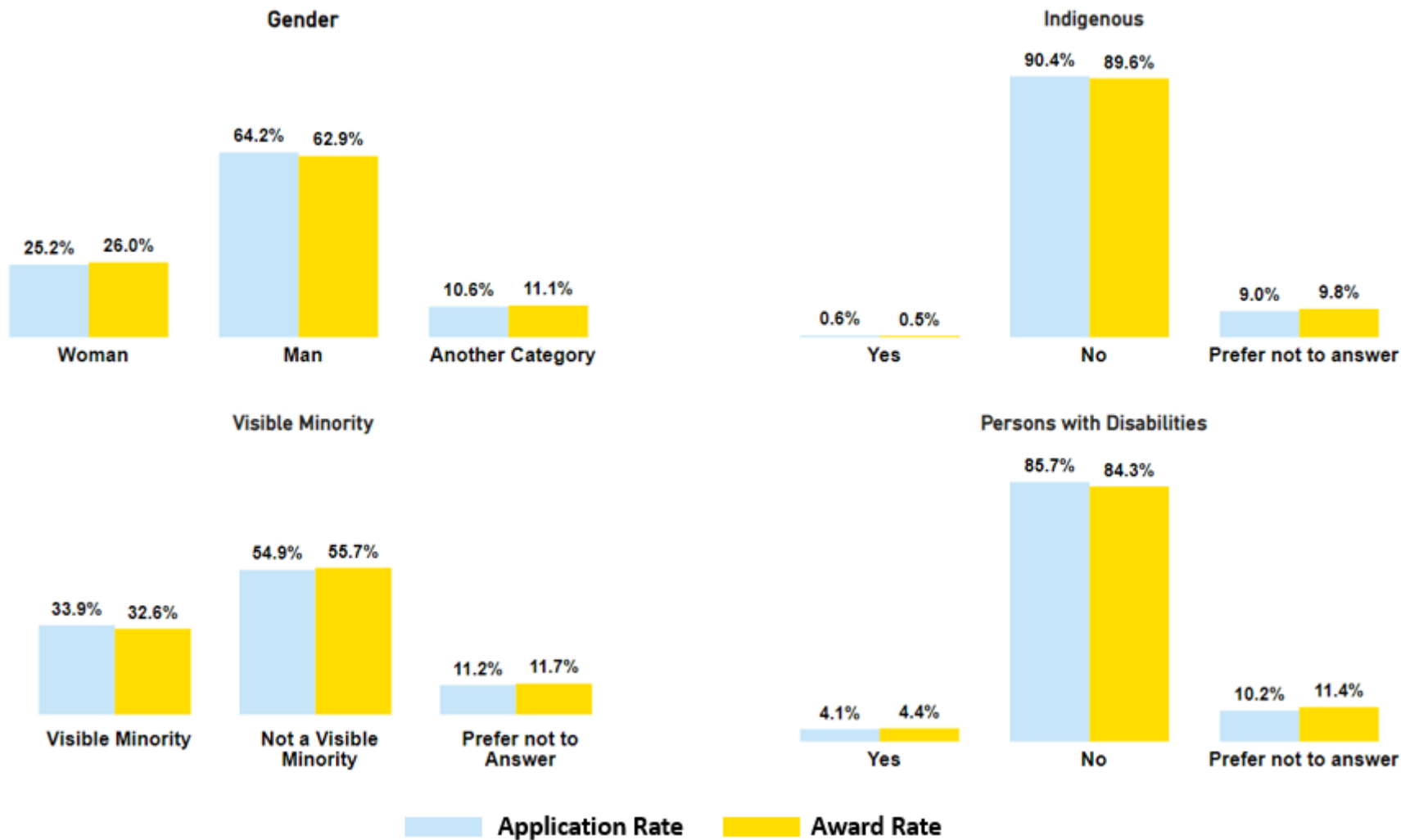


Results by Language of Application and Year

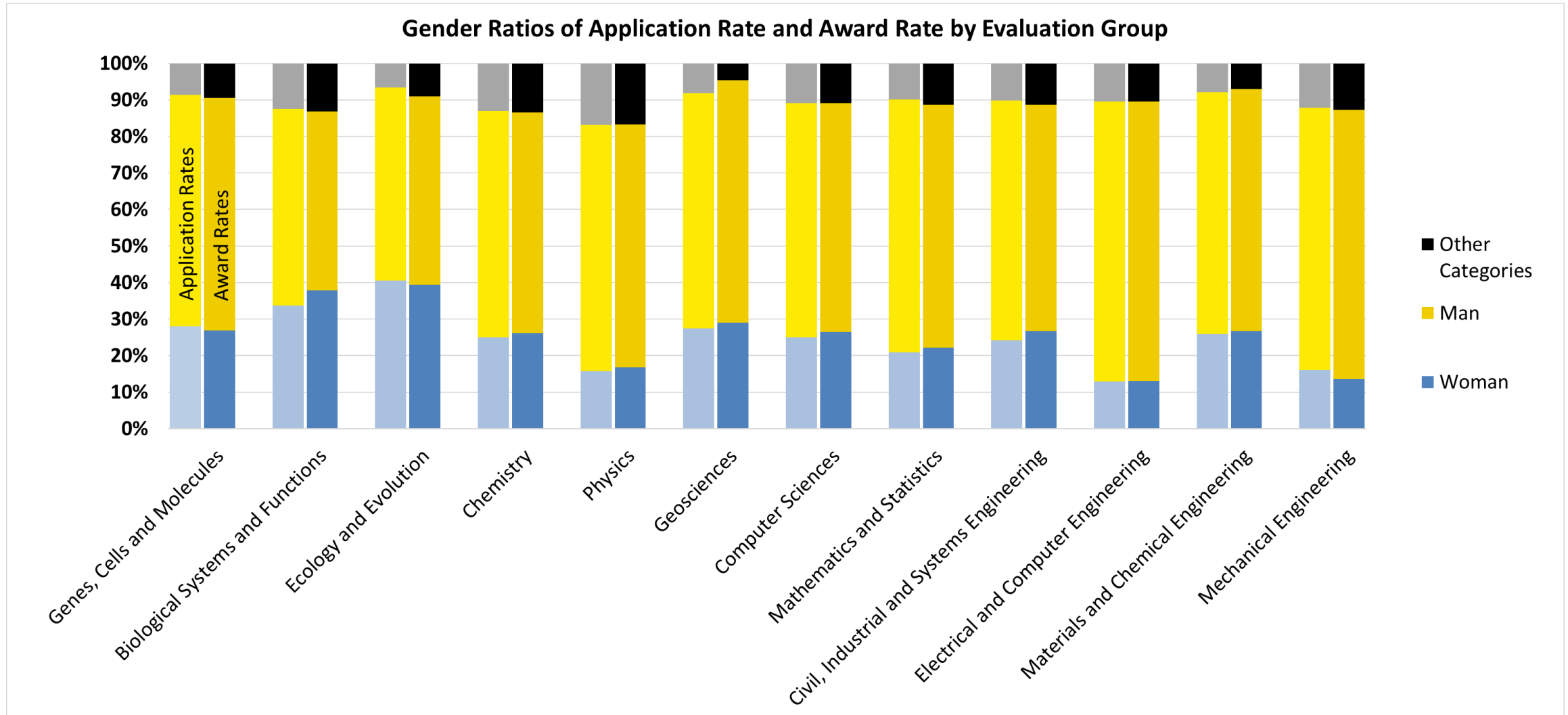


2024 Discovery Grants Results - Overview

Overall DG – Equity, Diversity and Inclusion (EDI)



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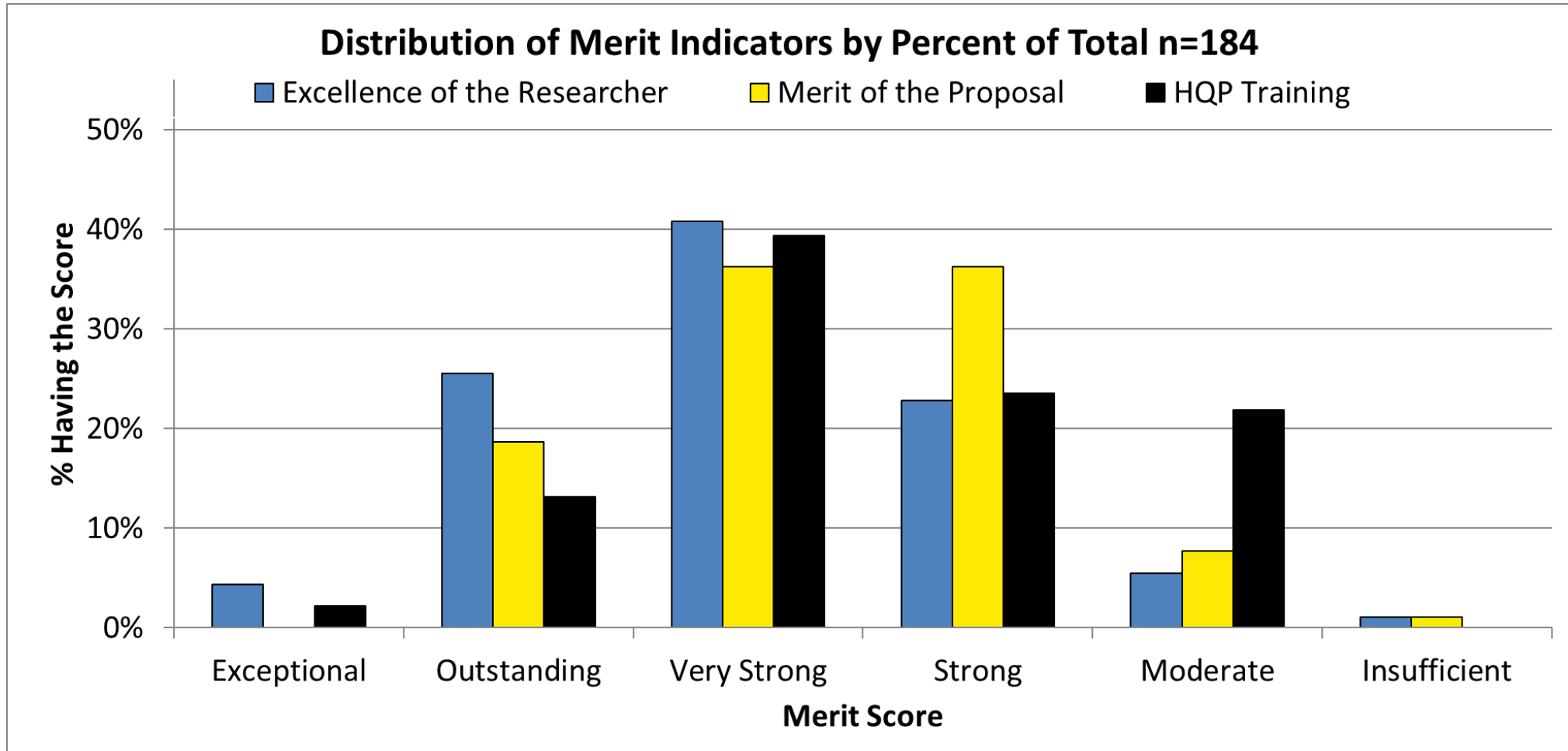
2024 Discovery Grants Results – Overview

Overall DG – Equity, Diversity and Inclusion (EDI)

		Women	Men	Other Categories*
Early Career Researchers (ECR)	Number of Awards	201	313	22
	Success Rate	60%	60%	67%
Established Researchers Returning (ER-R)	Number of Awards	263	797	185
	Success Rate	79%	75%	79%
Established Researchers Not Holding a Grant (ER-NHG)	Number of Awards	60	158	16
	Success Rate	45%	34%	23%

* Other Categories includes those opting not to choose a gender

EG1505 – Physics

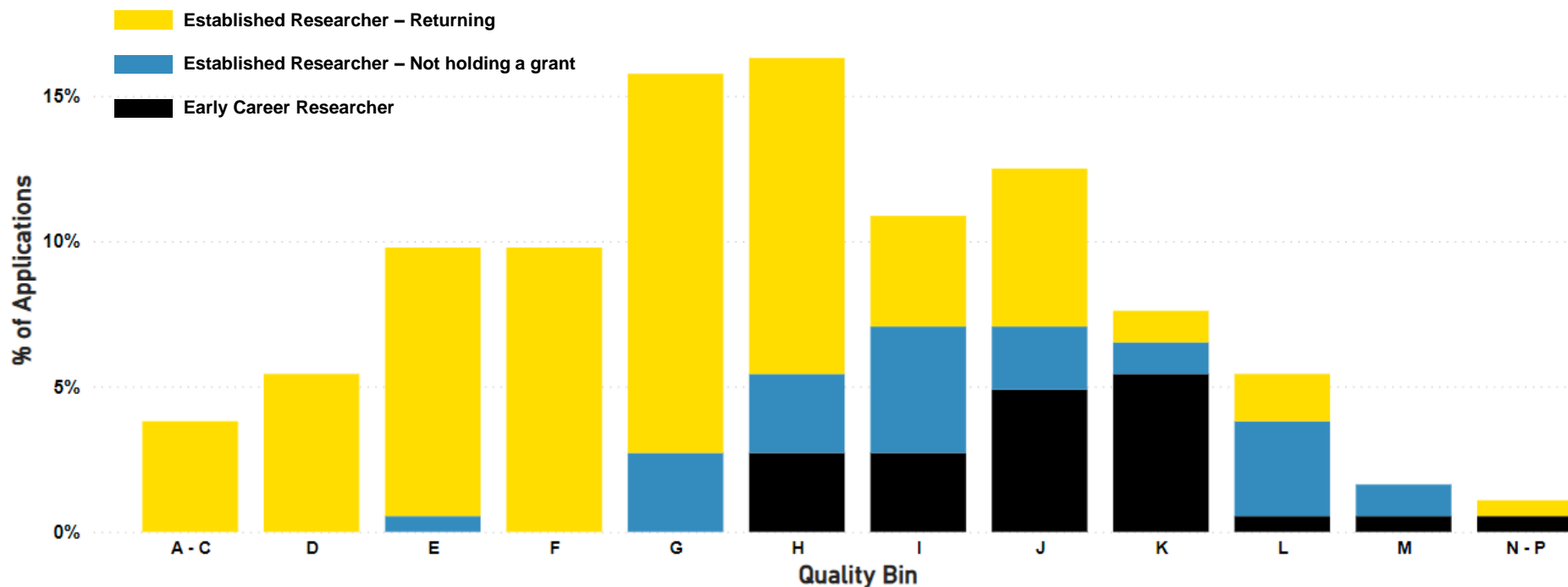


2024 Discovery Grants Results by EG

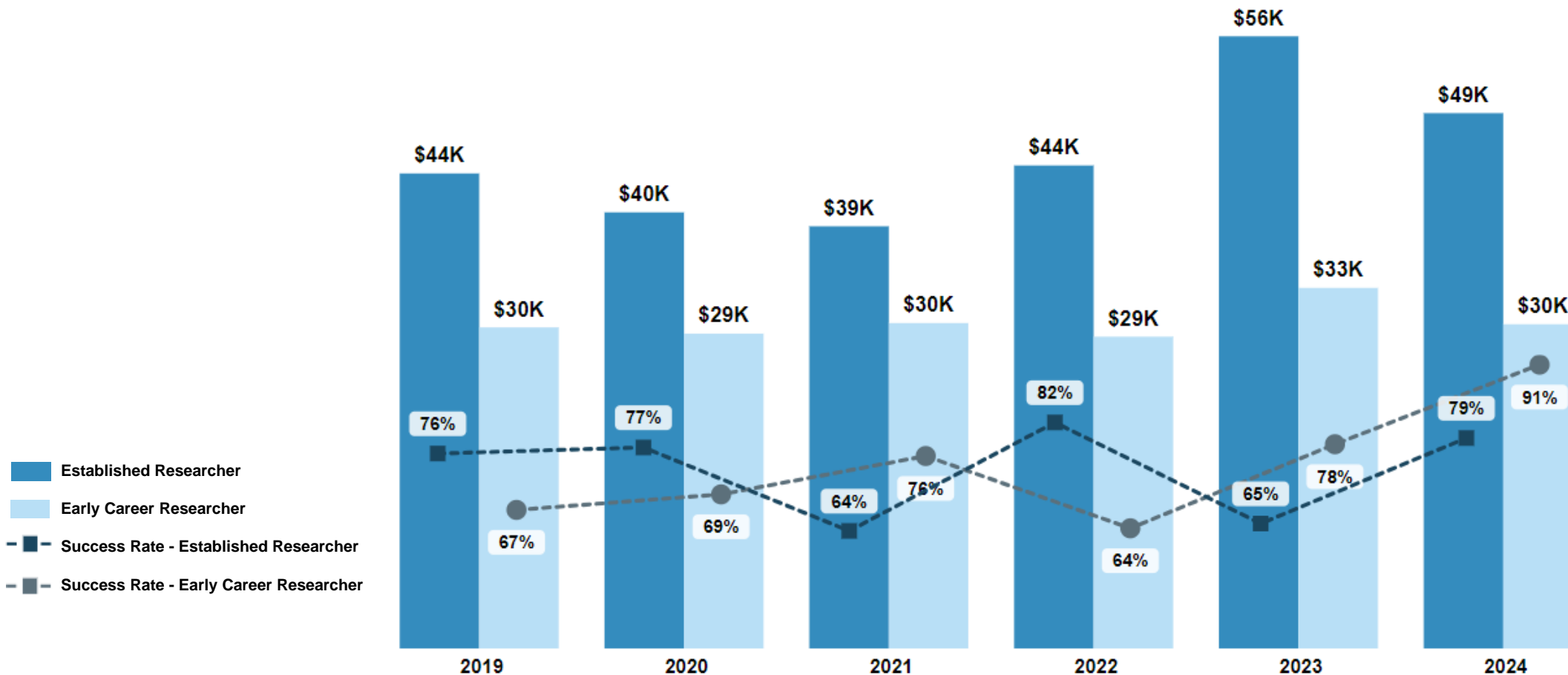
EG1505 – Physics

	Early Career Researcher (ECR)	Established Researchers (ER)			Overall
		Not Holding a Grant (ER-NHG)	Returning (ER-R)	All Established Researchers	
Success Rate	91%	52%	87%	79%	81%

BIN Distribution by Percent of Total n=184



EG1505 – Physics



The Policy on Sensitive Technology Research and Affiliations of Concern (STRAC)

Overview of the STRAC Policy:

- On January 16, 2024, the Government of Canada announced the [Policy on Sensitive Technology Research and Affiliations of Concern](#) (STRAC Policy).
- The policy operates using two lists that **must be used in conjunction** — a list of [Sensitive Technology Research Areas](#) (STRA) and a list of [Named Research Organizations](#) (NRO).
- The granting agencies and the CFI are implementing the policy in harmonized manner, starting with funding opportunities launching as of **May 1st, 2024**.
- At the application stage, applicants will be asked to identify if the research supported by their grant will aim to **advance a STRA**. If it will not aim to advance a STRA, no action is required.
- If the grant aims to **advance a STRA**, researchers with named roles (applicant, co-applicants, collaborators) on the application must complete **attestation forms** to certify their compliance. In addition, for the duration of the grant, no researchers involved in activities supported by the grant can be affiliated with, or in receipt of funding or in-kind support, from an **NRO**.

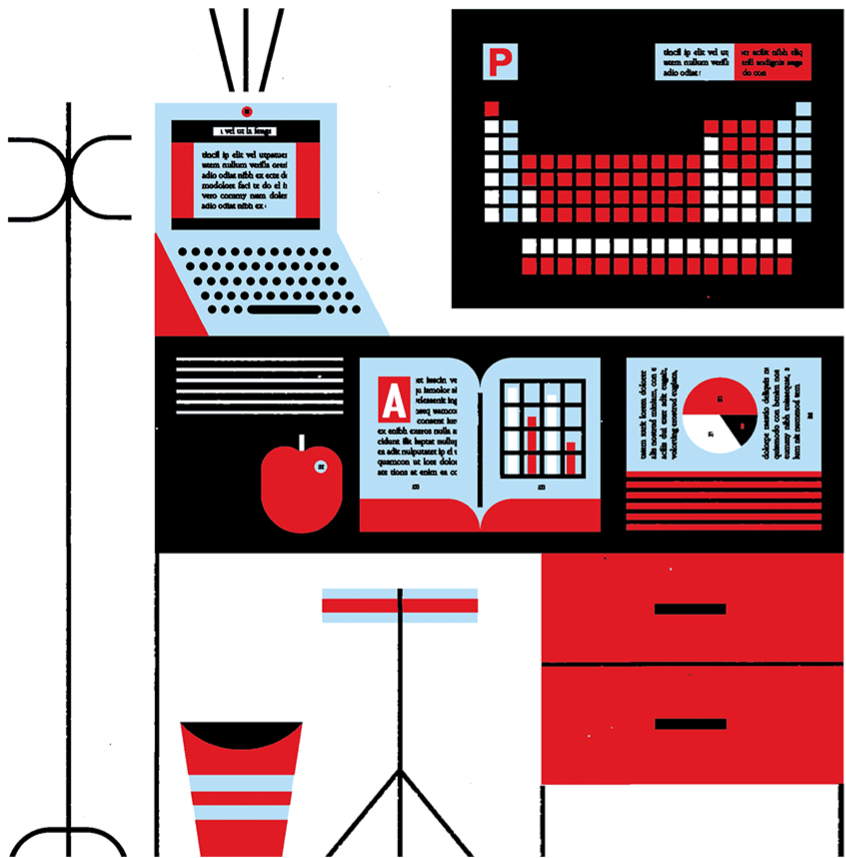
Consultation & Draft Guidance on the Use of Artificial Intelligence in the Development and Review of Research Proposals

- CIHR, NSERC, SSHRC and CFI are seeking feedback from the research community on [draft guidance](#) related to the use of artificial intelligence in the development and review of research proposals.
- The draft guidance was developed by the agencies based on the advice and recommendations of an [ad hoc panel](#) of external experts.
- The guidance is intended to clarify how existing agency policies apply to the use of artificial intelligence.
- [Submit your feedback](#) by **June 14, 2024**.

NSERC and SSHRC Data Centre Move

There will be a planned outage of our websites and several of our granting portals and systems from Friday, June 28, at 4 p.m. (ET) until Tuesday, July 2, 8 a.m. (ET).

- Corporate email and phone lines will remain functional.
- We anticipate a smooth transition but are preparing for potential scenarios (e.g. extended outages).
- Should there be issues resuming service, check our social media accounts and dedicated web pages for updates.
- As a best practice, remember to keep a copy of your documents and grant application information in your personal files.



Questions?

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