FOR RECOMMENDATION　　　　**PUBLIC**　　　　　　**OPEN SESSION**

TO:　　　　　　UTSC Campus Affairs Committee

SPONSOR:　　　Irena Creed, Vice-Principal Research & Innovation, UTSC
CONTACT INFO:　vpresearch.utsc@utoronto.ca

PRESENTER:　　See above
CONTACT INFO:

DATE:　　　　　May 9, 2023 for May 10, 2023

AGENDA ITEM:　5

ITEM IDENTIFICATION:

Creation of the iRISE (Institutes for Resilient and Inclusive Societies and Ecosystems) as a new Extra-Departmental Unit C (EDU:C)

JURISDICTIONAL INFORMATION:

Under section 5.1 of the *Terms of Reference*, the CAC is responsible for the "*Establishment, termination or restructuring of academic units and proposals for Extra-Departmental Units*." Section 5.8.1 of the *Terms of Reference* provides that the CAC recommends to the UTSC Council "*on plans and proposals to establish, disestablish, or significantly restructure academic units…regardless of the source of funds. Proposals for Extra-Departmental Units (EDU)-A's and B's are considered and recommended for approval while those for EDU-C's are considered and approved, pursuant to the Policy on Interdisciplinary Education and Research Planning*."

GOVERNANCE PATH:

1. **UTSC Campus Affairs Committee [For Recommendation] (May 10, 2023)**
2. UTSC Campus Council [For Approval] (May 24, 2023)
3. Executive Committee [For Confirmation] (June 15, 2023)

PREVIOUS ACTION TAKEN:

No previous action in governance has been taken on this item.

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HIGHLIGHTS:

The University of Toronto Scarborough (UTSC) is proposing the creation of iRISE (Institutes for Resilient and Inclusive Societies and Ecosystems) as a new Extra-Departmental Unit C. (EDU:C). UTSC will be the Lead Division. The Office of the Vice-Principal Research and Innovation (OVPRI) will assume administrative and budgetary responsibility for iRISE. Directors of each of the iRISE institutes will be responsible for the administrative and financial operations of their Institutes.

iRISE is a network of research institutes whose shared mission is to conduct transdisciplinary convergence research and training in pursuit of goals of inclusive, equitable, sustainable and environmentally just societies, economies, and health care systems. The inaugural iRISE institutes are the Institute for Environment, Conservation, and Sustainability (IECS); the Institute for Inclusive Health and Well-Being (IIHW); and the Institute for Inclusive Economies and Sustainable Livelihoods (IIESL). iRISE will also host the Sustainable Development Goals Institutional Strategic Initiative (SDGs@UofT) if it is approved.

iRISE advances strategic goals of the campus and the University. It promotes all five strategic directions for "achieving scholarly prominence in established and emerging areas" identified in UTSC's *Inspiring Inclusive Excellence*. It advances the strategic priorities of the University of Toronto by strengthening and deepening key international partnerships; advancing sustainability within our institution and beyond; creating new opportunities for students to learn and conduct research in international settings; and promoting multidisciplinary and transdisciplinary collaborations.

iRISE's explicit objective of promoting convergence research *within* and *across* the three institutes cannot be accomplished through existing departmental and administrative structures. iRISE research institutes bring together scholars from different disciplines to collaborate with one another and with national and international academic and non-academic/community partners on research projects. Through the integration of the different knowledge, theories, methods, data, and perspectives of their members and partners, the research institutes are expected to provide the new knowledge needed to address the interdependent challenges to planetary health, individual and community health and wellbeing, and sustainable local and global economies.

iRISE institutes are being designed to intentionally embed commitments to Indigenization and equity, diversity and inclusion into their research, training, social entrepreneurship, partnerships, and knowledge-mobilization practices.

iRISE institutes will promote interdisciplinary research via visiting faculty and community leader residencies and fellowships, innovation tables, faculty secondments, international symposia and conferences. They will train the next generation of research and community leaders via graduate research assistantships, postdoctoral fellowships, undergraduate entrepreneurial and learning opportunities, summer camps for undergraduate students, global virtual classrooms, and local and global hackathons involving student entrepreneurs. They will also collaborate on micro-credential certificates, including one on Planetary Health.

The iRISE institutes will be comprised of faculty across the three University of Toronto campuses. Each institute has between 25-30 members drawn from 8-16 departments and units across U of T and represent the diversity of scholars on the campus. The internal and external advisory boards that will support iRISE institutes are similarly being struck to ensure a breadth of diverse backgrounds and expertise on research themes pertinent to each institute.

FINANCIAL IMPLICATIONS:

Each research institute is funded by UTSC in the total amount of $1,500,000 for a period of five years. Additional revenue sources for the institutes are expected to include a) research grants; b) donor and sponsorship funding; c) research overheads; and d) fees for training programs/certifications and participation in design studios.

RECOMMENDATION:

Be It Recommended to the UTSC Campus Council,

THAT, the creation of the iRISE (Institutes for Resilient and Inclusive Societies and Ecosystems) as a new Extra-Departmental Unit C as described in the proposal, dated May 9th, 2023, be approved effective date June 16th, 2023.

DOCUMENTATION PROVIDED:

1. Proposal: EDU-C- iRISE (Institutes for Resilient and Inclusive Societies and Ecosystems) as a new Extra-Departmental Unit C
2. Budget: iRISE (Institutes for Resilient and Inclusive Societies and Ecosystems) as a new Extra-Departmental Unit C

*i*RISE: *i*nstitutes for Resilient and Inclusive Societies and Ecosystems

An EDU:C proposal to establish *i*RISE

1. OVERVIEW

This document outlines the rationale, structure, research foci, and academic goals of *i*RISE—the *i*nstitutes for <u>R</u>esilient and <u>I</u>nclusive <u>S</u>ocieties and <u>E</u>cosystems—to support its application to become an EDU:C.

*i*RISE is a network of research institutes. Its three founding institutes are the Institute for Environment, Conservation, and Sustainability (IECS), the Institute for Inclusive Health and Well-Being (IIHWB), and the Institute for Inclusive Economies and Sustainable Livelihoods (IIESL).

*i*RISE is connected to an institutional strategic initiative (ISI), the Sustainable Development Goals Institutional Strategic Initiative (SDGs@UofT).

The Office of the Vice-Principal Research and Innovation (OVPRI) will assume administrative and budgetary responsibility for *i*RISE: its proposed start date of operation is June 16, 2023.

Vision

To establish the University of Toronto Scarborough (UTSC) and the tri-campuses of the University of Toronto (UofT) as a leading global centre of scholarship on **convergence research**[1] in pursuit of goals of sustainable, resilient, inclusive, and equitable futures.

Mission

To leverage the university's social, economic, environmental, and cultural settings to support the pursuit of convergence research and catalyze social change by facilitating research discoveries and enabling innovators to move discoveries into action, inspiring communities and building their capacity to act, and training future leaders.

2. RATIONALE FOR *i*RISE

2a. Fit with strategic goals

*i*RISE advances the strategic goals of the campus and the university, as laid out in UTSC's 2020-2025 strategic plan, *Inspiring Inclusive Excellence,* UofT's *Towards 2030* and its *four strategic priorities*, and UofT's *International Strategic Plan* 2022-2027.

Inspiring Inclusive Excellence identifies "innovative, high-quality undergraduate and graduate student experience and success" and "scholarly prominence in established and emerging areas" as strategic priorities.

Related to these priorities are the following seven strategic directions:

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[1] Convergence research is collaborative, transdisciplinary research that shows deep integration across disciplines and is driven by a specific and compelling problem, whether that problem arises from deep scientific questions or pressing societal needs (US National Science Foundation [NSF]; https://new.nsf.gov/funding/learn/research-types/learn-about-convergence-research downloaded May 1, 2023). Convergence research is successful when organized outside the boundaries of traditional academic disciplines. As such, the institutes and the academy of *i*RISE represent the mode by which complex problems can be challenged and solved.

1.1 Provide all students with transformative, experiential, and holistic curricular, co-curricular, and extra-curricular learning opportunities.

1.4 Develop academic programs that make UTSC an exemplar of life-long learning and expand opportunities for non-traditional students.

2.1 Enhance and grow current and emerging areas of research strength that differentiate UTSC as a global research leader in those fields.

2.2 Develop and implement a new research support framework that facilitates the realization of UTSC's scholarly ambitions.

2.3 Establish UTSC as a centre of excellence for research partnerships and knowledge translation.

2.4 Invigorate the on-campus research culture to increase disciplinary and interdisciplinary engagement across departments and the wider community.

4.3 Identify and help lead a set of priority research collaborations that bring together tri-campus colleagues and local, regional, national, and international partners from various sectors.

To achieve these strategic directions, *Inspiring Inclusive Excellence* announced the future establishment of research institutes "organized around areas of established and emerging strength and supported by an appropriate funding framework." The identified areas of research strength were: i) global cultures, connectivity, identities, and livelihoods; ii) the environment, conservation, and sustainability, and related technologies; and iii) health, well-being, and resilient communities.

*i*RISE establishes three tri-campus research institutes and joins them with SDGs@UofT under one operational framework.

*i*RISE serves all seven of the above-listed strategic directions. In so doing, it advances UofT's strategic plan *Towards 2030* and its four strategic priorities (i.e., leverage the university's urban location more fully for the mutual benefit of the university and City; strengthen and deepen key international partnerships; reimagine and reinvent undergraduate education; and advance sustainability within our institution and beyond). *i*RISE also advances UofT's *International Strategic Plan 2022-2027* (i.e., develop international partnerships with other academic institutions, create new opportunities for students to learn and conduct research in global settings, and generate multidisciplinary and transdisciplinary collaboration).

*i*RISE is a mechanism for the campus and the university to achieve global recognition and impact by enhancing internal support for convergence research, leveraging institutional resources that make UofT a top-ranked global powerhouse of scholarship, and facilitating collaborations with partners and scholarly networks across the university and world-wide.

2b. The Unique Niche of *i*RISE

The challenges of the current climate crisis, the health of our planet, the health and well-being of individuals and societies, and the inclusiveness and sustainability of local and global economies are all intertwined to an unprecedented extent. The solution to these challenges is neither linear (the preferred path of the human mind) nor without unrealized twists and turns associated with living in an unprecedented time. *i*RISE occupies a unique niche in providing organizational, human, and financial resources for convergence research that is needed to address these interdependent challenges. This convergence research cannot be accomplished through existing departmental structures.

*i*RISE provides a venue for the aggregation of scholarly thought from different disciplines—with different ontologies, epistemologies, and methodologies—to create collaborative solutions to the vexing problems of our time.

*i*RISE is intentionally designed to embrace local, national, and international collaborations among academic and non-academic partners. Besides collaborating *within* the constituent research institutes, *i*RISE members will engage one another in convergence research and training initiatives *across* the institutes and with the SDGs@UofT.

2c. *i*RISE Benefits Departments

The added value of *i*RISE is expected to be most significant for faculty whose research interests and goals are best advanced by collaborating with faculty in disciplines housed in departments and divisions other than their own.

Faculty and students in *all* academic departments can contribute to and benefit from *i*RISE.

While *i*RISE is still in its infancy, the campus-wide appeal of the three research institutes is evident in the list of faculty members who have expressed their interest in being members of these institutes (see Appendix 1). Interest and participation will grow as the institutes develop and faculty can visualize the value of their contribution.

2d. *i*RISE is Dedicated to Solving Complex Problems

*i*RISE will join a small group of world-leading university institutions creating convergence research to address the global sustainability challenges (see Table 1). Focusing on these themes, *i*RISE will play a prominent role in Canada and internationally in generating and diffusing transformative knowledge that promotes human and planetary health, well-being, and sustainability goals.

Table 1. Comparator institutes.

Name	Country	Scope
Convergence Research (CORE) Institute, UC San Diego	USA	"The Convergence Research (CORE) Institute is designed to catalyze an impact network of researchers, practitioners, and industry and public policy professionals committed to collaboratively engaging in convergence research that is driven by a specific and compelling societal problem and requires deep integration across disciplines and sectors."
Convergence Researcher Incubator (CORE), Texas A&M Energy Institute	USA	"The grand challenges our world faces today are complex and tightly interconnected. Addressing them requires convergence across disciplines to develop innovative, multifaceted solutions that respond to the social, economic, technological, and policy dimensions of those challenges. Such solutions will be the outcomes of a process of co-creation among and between the diverse researcher and stakeholder groups connected with these challenges."

Woods Institute for the Environment, Stanford University	USA	"Stanford's community of faculty, researchers, and students are world leaders, transcending the boundaries of traditional disciplines, departments, and schools to create the knowledge and solutions required to allow people and the planet to thrive. Their research produces fundamental insights and actionable guidance for scholars, decision-makers, and practitioners operating at local, regional, and global scales."
MIT Policy Lab at the Center for International Studies: Enhancing the impact of MIT research on public policy	USA	"The mission of MIT's Policy Lab at the Center for International Studies is to develop and enhance connections between MIT research and public policy, to best serve the nation and the world in the 21st century." For example, **"Phillip Sharp, MIT Institute Professor and Nobel Laureate and Susan Hockfield, MIT president emerita are producing a report documenting the importance of the "convergence research model" in addressing the next breakthroughs in health. Convergence refers to the integration of the life sciences, physical sciences, engineering, and information technology to solve human health challenges, such as cancer, Alzheimer's disease, etc."
International Institute for Applied Systems Analysis (IIASA)	Austria	"The International Institute for Applied Systems Analysis (IIASA) is an international research institute that advances systems analysis and applies its research methods to identify policy solutions to reduce human footprints, enhance the resilience of natural and socioeconomic systems and help achieve the Sustainable Development Goals."
Stockholm Resilience Centre	Sweden	"The Stockholm Resilience Centre is a research centre on resilience and sustainability science at Stockholm University. It is a joint initiative between Stockholm University and the Beijer Institute of Ecological Economics at the Royal Swedish Academy of Sciences."

Weizmann Institute of Science	Israel	"The climate crisis affects every aspect of our civilization. To change our trajectory, we need to develop science-driven, fundamental breakthroughs that revolutionize how we live. And we need to do it faster than ever before …It is a complex web of interdependent challenges that touch on every aspect of modern civilization, from food production, urbanization, and transportation to energy consumption, manufacturing, and waste disposal. It is not enough to simply find solutions that work. We need solutions that are economically and socially compelling enough to overcome market demands, and deeply embedded behaviors. We need to work together across disciplines and sectors to enact a fundamental paradigm shift that changes the rules of the game."

3. RESEARCH AND ACADEMIC GOALS

3a. *i*RISE Goals

The *i*RISE constituent research institutes and SDGs@UofT share several research and academic goals:

- To increase the vigour of knowledge production and exchange throughout the disciplinary spectrum.

- To create intellectual spaces enabling convergence dialogues within and between *i*RISE research institutes and encouraging the envisioning of alternative futures.

- To conduct research that deploys the diverse epistemologies and methodologies of different disciplines to generate transformative solutions to problems.

- To build locally and globally sustainable partnerships and collaborations across academic and non-academic institutions, which engage diverse stakeholders to co-create knowledge infused with social concerns and values.

- To train the next generation of scholars and leaders dedicated to creating inclusive, sustainable, just and equitable societies.

- To maximize the positive societal impact of research knowledge by disseminating it within and beyond academia and translating it into public policy and practice.

3b. *i*RISE Targets

***The Institute for Environment, Conservation, and Sustainability (IECS)*:** The IECS will catalyze convergence research on the challenges of living and thriving on a warming planet in the Anthropocene. Through its diverse range of programs and initiatives, it will create opportunities for transdisciplinary and historically grounded conversations about the relationships between people and the natural world, and encourage and support faculty, students, and partner organizations to develop evidence-based solutions to mitigate climate impacts and create sustainable and environmentally just societies. Its research themes will include**:** the impact of climate change on human communities; the effects of climate change from the

cellular to ecosystem levels; Indigenous perspectives on the natural world; the effectiveness of social and economic policies on climate outcomes; publicly engaged environmental research; sustainable agriculture; green technologies; just transitions; ecological restoration; environmental sustainability; and nature-based climate solutions.

The Institute for Inclusive Health and Well-Being (IIHWB): IIHWB will catalyze convergence research to address the health challenges of living in the Anthropocene. IIHWB will support socially engaged scholarship that builds intellectual awareness and generates knowledge that improves the health and well-being of current and future inhabitants of our planet. IIHWB will explore the "wider determinants of health" that include the social, economic, and environmental factors that influence one's physical and mental health. IIHWB will focus on health and well-being under a progressing climate crisis and promulgate solutions. Health and wellbeing in the Anthropocene have revealed a crisis in delivering and understanding public, community, and global health. To address this crisis, the IIHWB's leadership will accelerate research and innovation at the intersection of planetary change and health and well-being. IIHWB will encompass at-risk communities, including Indigenous, immigrant, refugees, and those populations adversely affected by factors under the IECS and IIESL. Failure to respond will constitute a social failure that will develop into a health and well-being emergency.

The Institute for Inclusive Economies and Sustainable Livelihoods **(IIESL):** IIESL will catalyze convergence research that enables the exploration, imagining and sharing of alternative economic futures from perspectives rooted in populations, communities and geographies that have been marginalized from mainstream economic development. Its focus on global peripheries implies exploring and connecting the economic practices, sustainability approaches and policy experiments of rural areas, small and medium-sized cities, and diverse suburbs. Dialogues around the making of diverse community economies, feminist economies, and queer geographies, as well as Indigenous political economy and racial capitalism studies will contribute to the work of the institute. IIESL will promote South-South and South-North research around people-centered economies and sustainable livelihoods connecting academic researchers with local community leaders, policymakers, activists, artists, cooperators, and social entrepreneurs in the region and around the world. Scarborough, located in one of Toronto's most diverse suburbs, will provide an interesting base to think about inclusion, cooperativism, and sustainability from the peripheries of a global city, facilitating a dialogue across Global North and Global South peripheries.

SDGs@UofT: SDGs@UofT will pursue convergence research that advances the SDGs and informs future global sustainability goals. The research will focus on four themes. First, it will address transition pathways to achieve the SDGs and the significant shifts required to create sustainable transition pathways. Second, it will develop indicators to measure progress towards achieving the SDGs' social, economic, and environmental goals before the end of 2030. To do so, it will address, for example, the indicators, methods (e.g., artificial intelligence and deep learning) and approaches (e.g., narrative storytelling) that should be considered to measure the impact of SDG research on marginalized communities, including Indigenous peoples, as well as valid and context-sensitive indicators and indices to measure country-level progress and performance across selected SDGs. Third, it will develop instruments and interventions (policies, programs, strategies) intended to influence post-Agenda 2020 SDGs. To do so, it will address questions such as the changes that are needed to support better progress on the SDGs and future iterations of global goals; the appropriate frameworks and tools to influence policy-making processes to address the SDGs; and how policy instruments can be better implemented to address the SDGs. Fourth, it will explore tensions and synergies among the SDGs that influence the effectiveness of efforts to address them. This theme will enable a systematic, data-driven analysis of synergies or trade-offs between all SDGs and SDG indicators.

3c. *i*RISE Programs

*i*RISE will design and implement innovation programs described further below.

Research Programs:

The following activities will be undertaken to create and mobilize convergence, intercampus, national, and international research collaborations and projects:

- Visiting faculty and community leader *residencies* will allow UTSC faculty and their graduate students to work closely with visiting scholars from other institutions for 4-6 weeks on a specific problem or issue associated with the mandate of the research institute.

- Visiting *fellowships* will provide a week-long opportunity for scholars based in other domestic and foreign universities, as well as individuals in the private and public sectors and non-governmental/community organizations, to visit the campus, lead student workshops, offer public lectures, visit undergraduate classrooms, and be available for informal exchanges.

- *Innovation tables* and *design studios* will provide an opportunity for UTSC/UofT academics to meet, discuss, and pool their knowledge with others from academia, the private and public sectors, activists, and the community to address a particular problem and come up with possible solutions to it.

- *Faculty fellowships* will allow UTSC faculty to dedicate 20% of their regular workload to a research institute research priority (for example, to write a major research grant).

- International *workshops and symposia,* hosted by each research institute and including faculty, students, and community leaders from Canadian and foreign institutes, will be organized on specific themes and topics. Domestic as well as international students will be participants given opportunities to present their research.

- *Speaker series* featuring experts from academic, private, and public sectors in Canada and internationally.

Training Programs:

Training the next generation of research and community leaders is at the core of the three institutes and SDGs@UofT and will be achieved through competitive fellowships for trainees, research opportunities for undergraduates, and youth outreach locally and globally.

- *Practioner*[2] stipends to create a space for community experts to teach and speak to students and faculty.

- *Postdoctoral* fellowships.

- International *doctoral scholarships* and *mentorships*, delivered locally at UofT or virtually from UofT to the students' institutional home.

- *Graduate* research assistantships.

- *Entrepreneurial* and *experiential learning opportunities* for undergraduate, graduate, and postdoctoral researchers with UTSC/UofT academics, cooperatives, and community partners.

- *Summer camps* for high school students in the Eastern GTA, to bring students into research institutes to work on a specific problem related to the mandates of the institutes.

- *Global classrooms*/*design studios* that bring faculty, students, and community leaders virtually and physically to other places to learn about new research, policy or community initiatives that

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[2] Practitioners are defined here as part-time or full-time non-tenure-track appointments of individuals who possess the expertise and achievements to provide professional guidance.

are contributing to a more sustainable and inclusive future. This training opportunity will be coordinated with the UofT summer abroad and co-operative education programs.

- Training in convergence *knowledge co-production* and *co-mobilization* methods and careers, targeted to Ph.D. students, postdoctoral fellows, and early-career faculty.

- Local and global *hackathons* that bring students together with international partners to address solutions to pressing sustainability challenges.

Credentials/Certificates:

The three research institutes will work collaboratively with each other and with academic departments to create a transdisciplinary certificate in **Planetary Health.** "Planetary health is a solutions-oriented, transdisciplinary field and social movement focused on analyzing and addressing the impacts of human disruptions to Earth's natural systems on human health and all life on Earth." Broadly stated, Planetary Health is a global philosophical umbrella.

The three institutes will empower all the active members of the institutes to convey their individual and collective insights, expertise, and living experience in meaningful, effective ways to the broader campus, workplace, and the public. The institutes will offer, in partnership with academic departments, a **Certificate for Public Storytelling** to students and faculty members after they complete workshops and innovative experiences with a focus on constructing their public narrative, connecting their narrative to the local or global community, and using the skill set obtained as a tool to empower change associated with *i*RISE.

4. *i*RISE COMMITTED TO EQUITY-DIVERSITY-INCLUSION, INDIGENIZATION, AND SUSTAINABILITY

*i*RISE constituent units will intentionally embed commitments to Indigenization and equity- diversity-inclusion into their research, training, entrepreneurship, partnerships, and knowledge-mobilization practices. The institutes will develop and use theories and frameworks to elevate underrepresented and marginalized voices locally and internationally. They will embrace a research culture in which everyone feels they belong. They will collaborate with members of UofT's Black Research Network and Indigenous Research Network to conduct research involving Black and Indigenous communities. They will also be responsive to the needs of diverse communities, including those of government, industry, not-for-profits, for-profits, and civil society. And they will propose actionable solutions that address systems of oppression and reduce inequities.

IECS is committed to research on environmental issues and on the impact of climate change on planetary health, and emphasizes the importance of sustainability in climate research. The institute will advance sustainability goals by building partnerships with scholars in regions of the world most heavily impacted by our climate crisis. In the development of its projects and programs, it will foreground equity, diversity, inclusion, and Indigeneity, both in terms of the design and deployment of its programs and the research initiatives it supports.

IIHWB is committed to research on health and well-being assessments and health system improvements for equity-deserving groups, including Black and Indigenous peoples, women, working families, the poor and underemployed, youth and the elderly, the LGBTQ2+ community, migrants, refugees, and stateless peoples, among others, in Canada and internationally. In addition to community-centric research, the lens of planetary health will expand the focus on marginalized communities concerning the effects of climate change and globalization—linking this institute to the changes considered by IIESL and IECS. An IIHWB-led working group on global health analytics and evaluation—a potential certificate from the

institute—will create the evidence base for policy, accountability, and action to protect and maintain the health and well-being of people across the globe.

IIESL is committed to place-based, experimental, and decolonial approaches to reimagine economic development and sustainability by connecting ideas, practices, and people from the peripheries of the Global North and the Global South. It will be critical of universal approaches that push for one-size-fits-all policy and "best practice" solutions to promote localized and cooperative forms of economic livelihoods. The IIESL will be the place to work collaboratively to promote inclusive economies and sustainable livelihoods—from the need for a "green new deal" to current degrowth debates and dialogues—around alternative economic practices. This implies also training a new generation of planners, bureaucrats and policymakers that can understand the relationship between the economy, the environment and culture, and who are able to collaborate with community leaders and learn from the experiences of people, places and practices that have been marginalized from mainstream economic development and sustainability discourses.

SDGs@UofT will conduct research exploring knowledge from Indigenous and other underrepresented communities that have often criticized the SDGs and their previous incarnations as being non-inclusive and unrepresentative of their worldviews. Under the leadership of the SDGs Scholars Academy, spaces will be intentionally created to embrace different ways of knowing and understanding the world and to enable equitable and inclusive knowledge co-production and co-mobilization.

5. *i*RISE PERFORMANCE ASSESSMENT

5a. Impact metrics

*i*RISE will use impact metrics, ranging from some of the most used to those that are "leading-edge", to assess the performance of *i*RISE (Table 2). See Appendix 2 for baseline measurements and multi-year targets.

Table 2. Description of impacts associated with *i*RISE outputs, short-term outcomes and long-term outcomes needed to realize our vision of resilient and inclusive societies and ecosystems.

Impact	Description
Program Activities	Highly-qualified personnel training; conference presentations; peer-reviewed publications; workshops-conferences-summits; creative exhibits; public relations; visiting fellows-speaker series; activism-advocacy; public outreach-cooperative events; expert networks-partner acquisition; ideation-incubator-accelerator labs; certificates-credentials
Outputs	Faculty-driven initiatives and projects; initiatives by faculty together with collaborators/partners from other organizations; joint publications; academic and media outputs (e.g., articles, opinions, policy briefs, podcasts); expanding networks; expanding personal and professional capacities; showcasing better practices; sharing knowledge-advising-advocating; nurturing thought leaders-influences-advisors; nurturing innovators-entrepreneurs; building productive institutional partnerships and networks
Short-term outcomes	Tangible changes in diplomacy-policy-practice-communities; knowledge transfer and translation with other institutions-organizations-collaborators-partners (including innovation-entrepreneurship-commercialization-corporativism)

Long-term outcomes	Traditional and non-traditional researchers are empowered; academic/ non-academic institutions and organizations are empowered; new ways of making knowledge are created; knowledge about inclusive-just-equitable-resilient societies is created and disseminated; new fields of knowledge are created; an ecosystem of like-minded institutions and organizations promote resilient and inclusive societies and ecosystems
Impact	Resilient and inclusive societies and ecosystems

5b. Periodic Review

In line with UTSC's *Guidelines for Institutes, Centres, and Clusters* that comes into effect May 9, 2023, *i*RISE will be subject to an annual internal and external review. Commissioned by the Vice-Principal Research and Innovation of UTSC, the external assessment will evaluate the EDU's performance relative to the goals set out at its establishment and to financial sustainability.

6. INAUGURAL MEMBERS

Membership in the institutes can take multiple forms. To help initiate the development of the institutes, the directors solicited the involvement of **Inaugural Members** from faculty at UofT. Inaugural members are self-identified and indicated an interest in contributing to the shape of the institute's mandate and/or to its management. Faculty were made aware that they could participate as Inaugural members through the multi-faceted information campaign described below (see Section 8). The directors also solicited individuals directly to ensure the involvement of faculty representing a wide range of disciplines and all three campuses of the UofT.

Following the initial establishment of an institute's mandate and the development of its inception programming, inaugural members will become **Affiliate Members** able to participate in its ongoing development and utilize its opportunities and programs. Affiliate Members may be *internal* or *external* (i.e., from other universities, governments, industries, and community organizations located off-campus) to the university. Faculty may become Affiliate Members simply by approaching the relevant *i*RISE director(s) and request to be included. Members who understand and align with *i*RISE's vision and mandate and undertake research in the areas on which the institutes focus are welcomed. Members must be committed to decolonial praxis.

Some members may wish to become **Core Members** so they can focus their involvement on specific projects of the institute(s). As institute projects have not been inaugurated, these members have not yet been identified. Other members will wish to remain **Affiliate Members** so they can attend seminars, offer guest lectures, and serve as community voices.

See Appendix 1 for a list of inaugural members, effective May 8, 2023.

7. *i*RISE GOVERNANCE AND OPERATIONS

The proposed governance structure is presented in **Figure 1.**
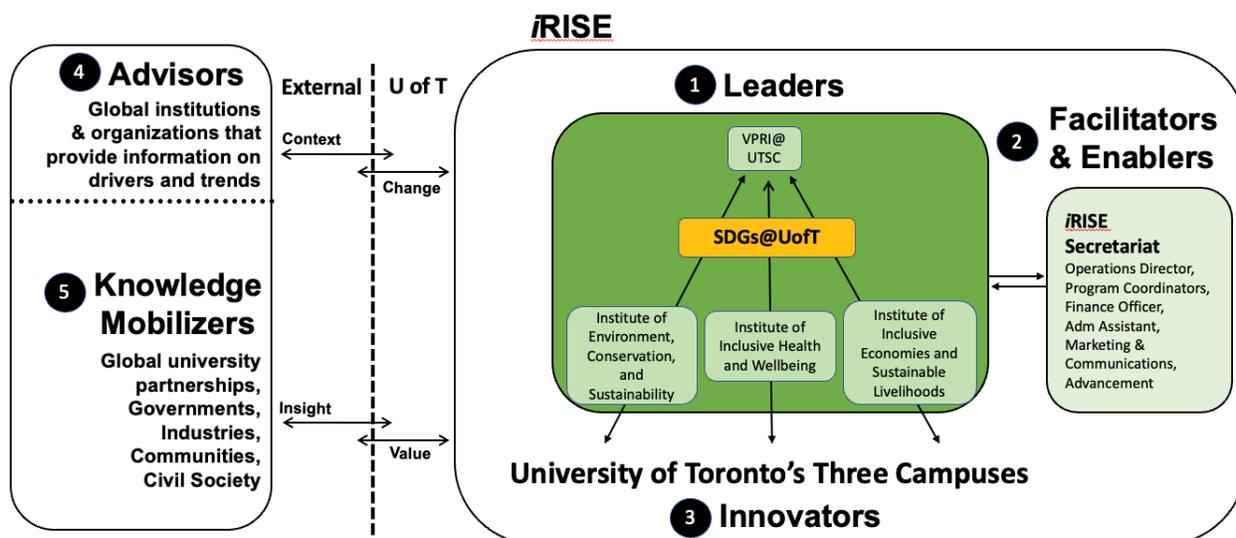
Figure 1: Proposed governance structure of *i*RISE and the embedded three research institutes and the institutional strategic initiative on the SDGs@UofT that are featured in this proposal.

*i*RISE *Leaders (Number 1, in Figure 1)*

Each *i*RISE research institute and the SDGs@UofT will be headed by a research director who will provide leadership, strategic planning, and operations support, direct research, and teaching program activities, be responsible for budgeting and fundraising in support of their research institute and will work collaboratively to support one another's mandate and advance their shared objectives. The research directors will report to the UTSC VPRI.

*i*RISE *Facilitators and Enablers (Number 2)*

The *i*RISE research directors will be supported by an *i*RISE secretariat, that will include an operations director, an administrative assistant, two program coordinators (one for the three research institutes, and one for the SDGs@UofT Scholars Academy), as well as HR, Finance, marketing & communications and advancement support from the OVPRI (and for the SDGs@UofT, the central office of the OVPRISI [St. George]).

iRISE Innovators (3)

*i*RISE innovators will be core members who engage in the programs and projects led by the institutes or the SDGs Scholars Academy.

iRISE Advisors (4)

The *i*RISE institutes and the SDGs Scholars Academy will have an advisory board, that will be formed based on the following considerations.

- Advisory boards will be intentionally composed to include members with as diverse a range of expertise and experience as possible on the multiple challenges that *i*RISE will pursue.

- Advisors will include world-known scholars with expertise and experience working on *i*RISE's mandate.

- Advisors will help select the core themes and activities.

- Advisors will serve as sounding boards to ensure that *i*RISE's mandate is being met and that *i*RISE leaders are aware of external drivers that may influence the convergence research being conducted by *i*RISE.

- Advisors will provide council to the directors; vet ideas for new members, collaborators, and partners; vet new projects that the institutes may pursue; and ensure financial decisions are consistent with the institutes' mandate.

- The VPRI and the directors will select the advisory board members once all directors are in place, expected July 1, 2023.

iRISE Knowledge Mobilizers (Number 5)
*i*RISE institutes and the SDGs Scholars Academy will engage with global university partners, governments, industries, communities and civic society to confirm values and share insights to mobilize knowledge from the convergence research conducted in *i*RISE.

8. BUDGET

The total budget for *i*RISE is presented in Table 3. See Appendix 3 for individual budgets for each of the three research institutes and SDGs@UofT.

Table 3. Total *i*RISE Budget.

Revenue	Year 1	Year 2	Year 3	Year 4	Year 5	Total
UTSC	$142,547	$127,043	$133,810	$196,600	$300,000[3]	$900,000
FAS	$40,000	$40,000	$40,000	$0	$0	$120,000
FASE	$40,000	$40,000	$40,000	$0	$0	$120,000
TFoM	$40,000	$40,000	$40,000	$0	$0	$120,000
DLSPH	$40,000	$40,000	$40,000	$0	$0	$120,000
UTM	$30,000	$30,000	$30,000	$0	$0	$90,000
OVPI	$0	$40,000	$40,000	$40,000	$0	$120,000
ISI	$0	$200,000	$200,000	$200,000	$0	$600,000
Total	$332,547	$557,043	$563,810	$436,600	$300,000	$2,190,000
Expenses	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Total**
1. Salaries & Benefits						
IECS	$40,650	$41,450	$41,450	$41,450	$0	$165,000
IIHWB	$30,950	$30,950	$30,950	$30,950	$31,200	$155,000
IIESL	$30,950	$30,950	$30,950	$30,950	$31,200	$155,000
SDGs@UofT	$231,424	$237,993	$244,760	$187,550	$300,000	$1,201,727
Subtotal	**$333,974**	**$341,343**	**$348,110**	**$290,900**	**$362,400**	**$1,676,727**
2. Research Programs						
IECS	$77,500	$150,000	$150,000	$180,000	$0	$557,500
IIHWB	$10,000	$165,000	$165,000	$165,000	$165,000	$670,000
IIESL	$82,000	$132,000	$132,000	$137,000	$137,000	$620,000
SDGs@UofT	$0	$120,000	$120,000	$120,000	$0	$360,000
Subtotal	**$169,500**	**$567,000**	**$567,000**	**$602,000**	**$302,000**	$2,207,500
3. Research Training						
IECS	$92,500	$172,500	$107,500	$107,500	$0	$480,000
IIHWB	$0	$115,000	$120,000	$120,000	$120,000	$475,000
IIESL	$30,000	$105,000	$110,000	$110,000	$110,000	$465,000

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[3] UTSC's financial contributions here are partial; they represent those funds needed to support the assistant director and program director of the SDGs@UofT institutional strategic initiative. Additional financial contributions will be needed to support the other staff members of the *i*RISE secretariat.

SDGs@UofT	$0	$120,000	$120,000	$120,000	$0	$360,000
Subtotal	**$122,500**	**$512,500**	**$457,500**	**$457,500**	**$230,000**	**$1,780,000**
4. Knowledge Mobilization						
IECS	$65,000	$45,000	$45,000	$20,000	$0	$175,000
IIHWB	$12,500	$31,500	$31,500	$31,500	$30,500	$137,500
IIESL	$37,500	$37,500	$37,500	$37,500	$37,500	$187,500
SDGs@UofT	$75,000	$75,000	$75,000	$5,000	$0	$230,000
Subtotal	**$190,000**	**$189,000**	**$189,000**	**$94,000**	**$68,000**	**$730,000**
5. Operations						
IECS	$15,750	$8,750	$8,750	$8,750	$0	$42,000
IIHWB	$6,000	$8,500	$8,000	$8,000	$8,000	$38,500
IIESL	$9,000	$8,000	$8,000	$8,000	$8,000	$41,000
SDGs@UofT	$26,123	$4,050	$4,050	$4,050	$0	$38,273
Subtotal	**$56,873**	**$29,300**	**$28,800**	**$28,800**	**$16,000**	**$159,773**
6. Contingency						
IECS	$5,500	$25,000	$25,000	$25,000	$0	$80,500
IIHWB	$0	$4,000	$6,000	$6,500	$7,500	$24,000
IIESL	$5,000	$5,000	$7,000	$7,000	$7,500	$31,500
SDGs@UofT	$0	$0	$0	$0	$0	$0
Subtotal	**$10,500**	**$34,000**	**$38,000**	**$38,500**	**$15,000**	**$136,000**
Totals:	**$883,347**	**$1,673,143**	**$1,628,410**	**$1,511,700**	**$993,400**	**$6,690,000**

Budget Justification

The total budget is $6,690,000, including $4,500,000 operating budgets for each of the three institutes and $2,190,000 for the SDGs@UofT and partial support of the *i*RISE secretariat. UTSC provides $5,400,000, and other partnering divisions in delivering the SDGs@UofT institutional strategic initiative provide the balance ($1,290,000). A description of how this budget will be expended is provided below.

1. Salaries & Benefits ($1,676,727)

Research Institutes ($475,000)

Reporting to the VPRI@UTSC, the research directors of the three institutes will be responsible for leading activities related to their institute, including leading the institute's formation, operationalizing the research themes, and overseeing the research and teaching program activities. Each research director will be a full-time UofT faculty member appointed to UTSC and paid an annual administrative stipend of $10,000 plus 24.5% benefits, for a total of $12,450/year (total $174,300)

Funding is provided in support of part-time Community Liaison officers (ranging from $18,500 to $29,000/year) (total of $120,700).

SDGs@UofT ($1,201,727)

Reporting to the VPRI@UTSC, the SDGs@UofT research director will be responsible for leading activities related to SDGs@UofT, including the formation of the SDGs Scholars Academy, operationalizing the research themes, and overseeing the synthesis and catalyst grant activities. The SDGs@UofT research director will be a full-time UofT faculty member appointed to UTSC and paid an annual administrative stipend of $10,000 plus 24.5% benefits, for a total of $12,450/year.

Reporting to the VPRI@UTSC, the assistant director will be responsible for overseeing the day-to-day operations of *i*RISE.

*i*RISE is to be supported by an *i*RISE secretariat, that will include an assistant director that will provide oversight for the three institutes and the SDGs@UofT, a program coordinator for the *i*RISE progams, and a program coordinator for the SDGs@UofT's scholars academy. The assistant director and the program coordinator for the SDGs@UofT's Scholars Academy will be supported by the institutional strategic initiatives (ISI) funds for the first three years, and then by UTSC. The other program coordinator for the three institutes will be funded by UTSC.

The OVPRI will provide an administrative assistant and a financial officer, and will be sharing other resources including HR, financial analyst, marketing and communications, and fundraising support.

2. Research Programs ($2,207,500)

Research Institutes (1,847,500)

Design Studios: Design studios will be hosted each year, with a total cost of $262,500. These studios will bring together experts from various fields to collaborate on innovative solutions to pressing global issues. The budget includes the cost of venue rental, equipment, materials, and expert facilitators.

New Research Initiatives: A new research initiatives fund will be established, with a total cost of $200,000. This fund will support groundbreaking research projects and provide seed funding for promising new ideas.

Visiting Fellows and Scholars: *i*RISE institutes will each host visiting fellows and scholars, with a total cost of $220,000. These scholars will bring unique perspectives and expertise to the research activities of the institutes.

Fellowships: *i*RISE institutes will each support fellowships, with a total cost of $265,000. These fellowships will provide financial support to outstanding researchers and professionals who demonstrate exceptional potential to contribute to their field.

Summer Schools and Research Programs: *i*RISE institutes will offer several summer schools and term research programs to train and support the next generation of researchers, with a total cost of $655,000. These programs will provide hands-on training and research experience to students and early-career researchers.

Co-funding Grant Opportunities: *i*RISE will offer co-funding grants, with a total cost of $80,000. These grants will support collaborative research projects between researchers from different institutions and fields.

Overall, these initiatives will provide vital support for cutting-edge research and training, enabling researchers to collaborate across disciplines and institutions to develop innovative solutions to complex global issues.

SDGs@UofT ($360,000)

Synthesis Grants: A total of $60,000/year for each of years 2 to 4. It is expected that each synthesis grant will be approximately $20,000 and will be completed in that year, and so the SDGs Scholars Academy will have three synthesis grants per year.

Catalyst Grants: A total of $60,000/year for each of four years. It is expected that each catalyst grant will be approximately $20,000 and is expected to be completed in that year, and so the SDGs Scholars Academy will have three catalyst grants per year.

The primary use of these funds is to host working group meetings. If additional funds are needed, grant holders will be encouraged and supported to leverage these funds with external funds (e.g., Tri-Agency, government, industry, community organizations) to amplify the knowledge co-creation and co-mobilization activities associated with the grant funding.

3. Research Training Programs ($1,780,000)

Research Institutes ($1,420,000)

Research training programs at the three research institutes have multi-year expenses which include budgets for postdoctoral fellows ($865,000), graduate students ($335,000), and undergraduate students ($220,000). This budget allocation will support the training of the next generation of researchers by providing necessary resources to conduct cutting-edge research. The postdoctoral fellowships will help to attract and retain top-level talent, while the graduate and undergraduate funds will provide valuable hands-on experience for students.

SDGs@UofT ($360,000)

Trainees are integral to the success of the SDGs Scholars Academy. Trainees will engage with faculty in the synthesis and catalyst grant activities, as a "value-added" opportunity to their program activity. They will receive a cash award of $1,500 acknowledging their volunteer work to the SDGs Scholars Academy. Funds have been allocated for 10 undergraduates, 25 graduates, and 25 postdoctoral researcher awards for years 2 to 4. The amount of the award may vary, in terms of amount ($1,500) and distribution (UG, G, PDF), based on input from the SDGs Scholars Academy members. Trainees will be eligible to receive support to work globally for the synthesis and catalyst grants. Funds have been allocated for 20 trainees to receive on average $1,500 support for international travel. The amount of the award may vary in terms of amount and distribution (UG, G, PDF), based on input from the Leadership Council and the SDGs Scholars Academy members.

4. Knowledge Mobilization ($730,000)

Research Institutes ($500,000)

Knowledge mobilization includes a range of activities—including high school programs, symposia and conferences, and networking events. These activities are intended to promote knowledge mobilization and research dissemination, facilitate collaboration and partnerships, and support the engagement of different stakeholders in research activities. The program will enable the research institutes to share their findings and insights with a wider audience, promote the uptake and use of research outputs, and create opportunities for the application of research in different contexts.

SDGs@UofT ($230,000)

Community engagement and public forum activities will facilitate knowledge mobilization through engagement with community leaders from government, industry, and civic society. Community engagement honoraria have been allocated $50,000/year (approximately $1,000/ person, for 50

community members), and public forum activities have been allocated $25,000/year (to support a diverse mode of delivery of public engagement opportunities) for each of years 1 to 3, and $5,000 for year 4. Community engagement will be sought at the origin of the SDGs Scholars Academy, and additional funds will be sought to continue their engagement in year 4.

5. Operations ($159,773)

Research Institutes ($121,500)

The operations budget includes expenses related to website maintenance, computer equipment, and office supplies for the three research institutes. These expenses are necessary to ensure the smooth functioning of the research institutes, enabling them to carry out their research activities and fulfill their mission.

Website content and maintenance: Funding for website hosting fee and maintenance ($67,000).

Computers and monitors: Funding for computer workstations for administrative staff (e.g., computers, monitors, keyboard/mouse) ($39,500).

Office supplies: Funding for office supplies ($15,000).

SDGs@UofT ($38,273)

Website content and maintenance: Funding for website hosting fee and maintenance, amounting to $10,000 in year 1, and $2,250 in years 2-4.

Computers and monitors: Funding for computer workstations for administrative staff (e.g., computers, monitors, keyboard/mouse), amounting to $15,000 in year 1.

Office supplies: Funding for office supplies, including an Adobe Pro license ($239.88/year x 2) to ensure high-quality materials (e.g., reports, slide decks) are presented in a user-friendly format; a Mailchimp Standard license ($204/year) to support our marketing and communications strategy; plus office supplies amounting to a total of $1,123 in year 1 and $1,800 in years 2-4.

6. Contingencies ($136,000)

Research Institutes ($136,000)

To ensure the smooth and successful operations of the research institutes, it is imperative to account for unforeseen circumstances that may arise during activities. This requires setting aside a contingency fund to cover unexpected expenses. A total of $136,000 has been allocated for unforeseen circumstances that may arise during institute operations, as well as cover potential cost increases due to inflation, market fluctuations, or other economic factors.

SDGs@UofT ($0)

Not applicable

7. *i*RISE's FINANCIAL SUSTAINABILITY

The OVPRI funds each research institute for $1,500,000 for five years. The SDGs@UofT is funded by the ISI for $2,190,000 for five years. Additional revenue sources for the research institutes are expected to include a) competitive research grants; b) corporation funding; c) donor and sponsorship funding; d) fees for training programs/certifications; e) fees for participating in design studios; and f) consultancy.

8. CONSULTATION

8a. Stakeholders Consulted

*i*RISE

The origin story for *i*RISE begins in the strategic planning process for UTSC's strategic plan, *Inspiring Inclusive Excellence*. It is important to acknowledge the previous efforts of the Principal's Office, the Office of the Vice-Principal Research & Innovation, and others in engaging the campus community. More than 1100 people were consulted at that time (p. 6, *Inspiring Inclusive Excellence*). **Please note that these consultations are not included in the information provided about consultations that were held in this calendar year**.

Starting on January 1, 2023, the OVPRI engaged in a multi-faceted communication strategy to consult with the UTSC campus community as well as faculty from across UofT (we total 1,642 unique interactions; we assume that some people engaged through more than one mechanism and so these are not 1,642 people).

1:1 faculty meetings (>100 people)
The interim/inaugural directors personally contacted 75 people to elicit their interest in becoming members of the institutes.

Zoom cafes (50 people)
Interim/inaugural directors held dozens of Zoom cafes with faculty across the campuses to learn about what inclusive economies mean to them.

Public forums (160 people)
The OVPRI held two one-hour virtual forums on 7 February and 27 February 2023 to discuss and receive feedback from the UTSC/UofT community. The two forums were comprised of an initial slide presentation by VPRI Professor Creed on the overall vision and goals of GTA-RISE, presentations by the three inaugural/interim directors of their visions and proposed initiatives and activities for the three research institutes, and a Q&A session in which online participants provided feedback to the earlier presentations and questions posed in the slide deck presented. The 7 February online forum had 130 registrants and 70 attendees who were invited to provide input on how GTA-RISE and its three inaugural institutes could support interdisciplinary and inter-divisional work at UTSC and UofT. Non-attending registrants received access to a recording of the forum and an opportunity to use email and/or a webform to give feedback. At the 27 February online forum, the approximately 30 attendees were asked: Does the vision of GTA-RISE resonate with you? What would encourage you to become involved with one of the institutes of GTA-RISE? What opportunities do you want the institutes to offer you and your research that are currently missing?

Town halls (270 people)

The Office of the Principal and VP held a two-hour town hall on 21 March 2023 to present updates on strategic initiatives to the campus community. AVPRI Professor Grace Skogstad presented the *i*RISE proposal.

Website/Emails (934 unique pageviews)
Feedback was also elicited via the *i*RISE website (www.utsc.utoronto.ca/gta-rise) and a webform (https://www.utsc.utoronto.ca/gta-rise/get-involved). Additionally, individuals were invited to send an email or set up a meeting to chat with the inaugural/interim *i*RISE research directors.

SDGs@UofT (118 people)
The consultation process for SDGs@UofT began in December of 2020 when UofT hosted a 17 SDG Rooms event to discuss, analyze, and innovate new ways to advance UofT's commitment to the SDGs. These discussions prompted the recommendation to create an Institutional Strategic Initiative (ISI) to

further research on the SDGs at UofT (SDGs@UofT). A Steering Committee was created to lead the development of a proposal for the SDGs@UofT. It was co-chaired by faculty members, Erica Di Ruggiero (UTSG) and Marc Cadotte (UTSC). A Student Advisory Committee, co-chaired by Anisha Hundal and Kehkashan Basu, elicited input from students on the three UofT campuses. The SDGs@UofT proposal has been informed by extensive consultations at UofT, a landscape scan of SDG initiatives at peer academic institutions, and citation analysis of UofT-led research.

8b. Consultation with chairs of departments *(100 people, including chairs, directors, vice-deans, AVPRIs and select senior staff)*

On 10 March 2023, VPRI Professor Creed presented the **latest iteration of ideas[4]** for *i*RISE and SDGs@UofT to the Chairs and Directors' (CAD) meeting. Research institute directors presented their visions for their respective institutes, and those present were, in turn, invited to offer their views on how the research institutes could help further their department's research activities and connect the campus community as it works to become a world leader in research.

On 28 April 2023, AVPRI Professor Skogstad presented the final proposal for *i*RISE, and VPRI Professor Creed presented the final proposal for SDGs@UofT, the institutional strategic initiative embedded in *i*RISE, to the Chairs and Directors' (CAD) meeting, and those present were invited to offer their views on how the research institutes could help further their department's research activities and connect the campus community as it works to become a world leader in research. With the final proposal that included the inaugural members of each of the *i*RISE institutes, chairs requested that more time be given to attract inaugural members; later that day, an email was distributed to all chairs inviting them once again to share with their departments, requesting anyone who was interested in becoming a member to self-identify to the OVPRI or to one of the three directors by 5 May 2023.

8c. Consultation with Executive *(9 people)*

On 25 April 2023, VPRI Professor Creed presented the proposal for *i*RISE to the UTSC executive meeting.

8d. Consultation with Academic Affairs *(71 people)*

On 1 May 2023, VPRI Professor Creed presented the proposal for *i*RISE as a component of her Annual Report to UTSC Academic Affairs Committee.

8e. Feedback from Consultation Process

Feedback received during the consultation process was incorporated into this proposal (see Appendix 4).

9. Endorsement: Letter of endorsement from UTSC chairs/directors most closely affiliated with institute

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[4] The work that laid the foundation for *i*RISE was conducted at the onset of the Principal Tettey's first term of office when he was consulting the campus community for the purpose of building the strategic plan, *Inspiring Inclusive Excellence* (2020-2025).

See next page.

May 1, 2023

Dear Colleagues,

I am writing to secure your endorsement for the application of the Institutes for Resilient and Inclusive Societies and Ecosystems (*i*RISE) at the University of Toronto Scarborough for the status of EDU-C, as defined under the terms of University of Toronto's *Guidelines for Extra-Departmental Units*, and consent for members of your Department to become affiliate members of *i*RISE institutes.

*i*RISE is comprised of three founding institutes: Institute for Environment, Conservation and Sustainability; Institute for Inclusive Health and Well-Being; and Institute for Inclusive Economies and Sustainable Livelihoods. These three institutes will pursue solutions to the complex problems the world faces today, as defined by global frameworks such as the United Nations Sustainable Development Goals. Individually and together, they will provide support for research and innovation, initiate, and sustain vibrant research collaborations and partnerships, and bring attention to the important contributions being made across the disciplines by scholars across the University of Toronto's Tri-Campuses. The Institutes of *i*RISE will help us take on the challenges of living on a planet under stress—the result of human activities which have come to threaten the sustainability of life on the planet for all living things.

The projects and programs that *i*RISE will introduce to University of Toronto Scarborough will amplify and expand research opportunities for faculty and students and create connections to those communities in the Eastern GTA, Ontario, and Canada most severely impacted by the multiple changes which are the outcome of today's multiple planetary stresses. The contributions of these vibrant new Institutes offer UTSC an incredible opportunity to participate in the work of achieving the goals set by the UN to create a more equitable, diverse, inclusive, healthy, and more sustainable world.

A number of faculty in your Departments have already expressed their interest in being affiliated with one or more of its three founding institutes. It is anticipated that the number of affiliated members will grow as the activities of the three institutes roll out.

Affiliation with an *i*RISE Institute is a voluntary, status-only appointment that faculty members can opt in to and opt out of at any time. There are no necessary additional demands placed upon affiliated members and, thus, no required changes to their existing workload agreement or their current roles and responsibilities. Conversely, affiliation with an *i*RISE institute will provide faculty members with access to its financial and other resources to further enrich their research and training of undergraduate students, graduate students, and postdoctoral fellows.

Should an affiliated faculty member wish to engage in institute-related activities that might impact their current Departmental/University roles and responsibilities, they will be asked to notify their budgetary department chair in advance of engaging in the activity(ies), and secure said Chair's written permission to do so, and relay that permission to the Director of the *i*RISE institute.

I hope the above provides you with the information necessary to consent to your faculty members' affiliation with *i*RISE. If so, I would be grateful if you could please return to me a signed copy of this letter (by virtue of an email reply).

Below is a list of faculty in your Department who have currently indicated their interest in being affiliated with *i*RISE institutes.

Should you have any questions regarding this request, please let me know.

Sincerely yours,

Irena F. Creed, PhD, FRSC. FAGU, Hon. D. Agr. Sci,
Vice-Principal Research & Innovation
Professor
Department of Physical and Environmental Sciences
University of Toronto Scarborough

_____

I hereby consent to the below-identified faculty members in my Department being affiliated with *i*RISE institutes.

Dr. George Arhonditsis
Chair, Department of Physical and Environmental Sciences

_____   May 1, 2023
Signature   Date

Dr. Suzanne Erb
Chair, Department of Psychology
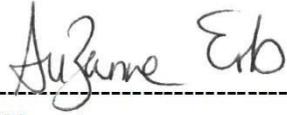
---   May 01, 2023

Signature   Date

Dr. Thembela Kepe
Chair, Department of Human Geography

                                                           April 30, 2023

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Signature   Date

Dr. Andrew Mason
Chair, Department of Biological Science

                                                           1 May 2023

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Signature   Date

Dr. Mark Schmuckler
Interim Chair, Department of Health & Society

                                                           May 01, 2023

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Signature   Date

List of faculty members who have indicated a wish to be affiliated with an *i*RISE institute from those departments whose chairs were invited to sign the endorsement letter,:

Biological Sciences
Marc Cadotte, Institute for Environment, Conservation and Sustainability Scott McIvor, Institute for Environment, Conservation and Sustainability

Health and Society
Hilary Brown, Institute for Inclusive Health and Wellbeing
Andrea Charise, Institute for Inclusive Health and Wellbeing
Allison Crawford, Institute for Inclusive Health and Wellbeing
Cassandra Hartblay, Institute for Inclusive Health and Wellbeing
Notisha Massaquoi, Institute for Inclusive Economies and Sustainable Livelihoods
Michelle Silver, Institute for Inclusive Health and Wellbeing
Nicolas Spence, Institute for Inclusive Health and Wellbeing
 Walter Tavares, Institute for Inclusive Health and Wellbeing
Charles Trick, Institute for Inclusive Health and Wellbeing

Human Geography
Michelle Buckley, Institute for Inclusive Economies and Sustainable Livelihoods
Mike Ekers, Institute for Environment, Conservation and Sustainability
Sergio Montero, Institute for Environment, Conservation and Sustainability
Natalie Oswin, Institute for Inclusive Economies and Sustainable Livelihoods
Andre Sorensen, Institute for Inclusive Economies and Sustainable Livelihoods
Imre Szeman, Institute for Inclusive Economies and Sustainable Livelihoods

Physical and Environmental Sciences
George Arhonditsis, Institute for Environment, Conservation and Sustainability
Terrence Bell, Institute for Environment, Conservation and Sustainability
Heidi Daxberger, Institute for Environment, Conservation and Sustainability
Jamie Donaldson, Institute for Environment, Conservation and Sustainability
Maria Dittrich, Institute for Environment, Conservation and Sustainability
Phillip Heron, Institute for Environment, Conservation and Sustainability
Marney Isaac, Institute for Environment, Conservation and Sustainability
Kagan Kerman, Institute for Environment, Conservation and Sustainability
Nicole Klenk, Institute for Environment, Conservation and Sustainability
Stuart Livingstone, Institute for Environment, Conservation and Sustainability
Adam Martin, Institute for Environment, Conservation and Sustainability
Carl Michell, Institute for Environment, Conservation and Sustainability
Myrna Simpson, Institute for Environment, Conservation and Sustainability
Karen Smith, Institute for Environment, Conservation and Sustainability
Ruby Sullan, Institute for Environment, Conservation and Sustainability
Laura Tozer, Institute for Environment, Conservation and Sustainability
Oleksandr Voznyy, Institute for Environment, Conservation and Sustainability
Mathew Wells, Institute for Environment, Conservation and Sustainability
Xiao-an Zhang, Institute for Environment, Conservation and Sustainability

Psychology
Suzanne Erb, Institute for Inclusive Health and Wellbeing
Anthony Ruocco, Institute for Inclusive Health and Wellbeing

Appendix 1.

Table A1.1a. Institute for Environment, Conservation, and Sustainability (IECS): Internal members.

	Name	Department/Unit	Campus	Role
1	Imre Szeman	Human Geography	UTSC	Director
2	George Arhonditsis	Physical & Environmental Sciences	UTSC	Member
3	Terrence Bell	Physical & Environmental Sciences	UTSC	Member
4	Marc Cadotte	Biological Sciences	UTSC	Member
5	Kamari Clarke	Centre for Criminology & Sociolegal Studies	UTSG	Member
6	Michael Classens	School of Environment	UTSG	Member
7	Irena Creed	Physical & Environmental Sciences	UTSC	Member
8	Vinicius de Aguiar Furuie	Anthropology	UTSC	Member
9	Heidi Daxberger	Physical & Environmental Sciences	UTSC	Member
10	Jamie Donaldson	Physical & Environmental Sciences	UTSC	Member
11	Maria Dittrich	Physical & Environmental Sciences	UTSC	Member
12	Steve Easterbrook	Computer Science	UTSC	Member
13	Mike Ekers	Human Geography	UTSC	Member
14	Phillip Heron	Physical & Environmental Sciences	UTSC	Member
15	Matt Hoffmann	Political Science	UTSG	Member
16	Marney Isaac	Physical & Environmental Sciences	UTSC	Member
17	Eva-Lynn Jagoe	Spanish & Portuguese/Comparative Literature	UTSG	Member
18	Shashi Kant	Institute for Management & Innovation	UTM	Member
19	Kagan Kerman	Physical & Environmental Sciences	UTSC	Member
20	Donald Kingsbury	Political Science	UTSG	Member
21	Nicole Klenk	Physical & Environmental Sciences	UTSC	Member
22	Sherry Lee	Faculty of Music	UTSG	Member
23	Patricia Lankao*	Sociology	UTSC	Member
24	Stuart Livingstone	Physical & Environmental Sciences	UTSC	Member
25	Mary Elizabeth Luka	Arts, Culture & Media	UTSC	Member
26	Scott MacIvor	Biological Sciences	UTSC	Member
27	Adam Martin	Physical & Environmental Sciences	UTSC	Member
28	Carl Mitchell	Physical & Environmental Sciences	UTSC	Member
29	Kent Moore	Chemical & Physical Sciences	UTM	Member
30	Sergio Montero*	Human Geography	UTSC	Member
31	Kate Neville	School of Environment	UTSG	Member
32	Jeffrey Pilcher	Historical & Cultural Studies	UTSC	Member
33	Matt Ratto	Faculty of Information	UTSG	Member
34	Carolina Sa Carvalho	Spanish & Portuguese	UTSG	Member
35	John Robinson	Munk School of Global Affairs & Public Policy	UTSG	Member
36	Myrna Simpson	Physical & Environmental Sciences	UTSC	Member
37	Karen Smith	Physical & Environmental Sciences	UTSC	Member
38	Nicole Spiegelaar	School of Environment	UTSG	Member

39	Ruby Sullan	Physical & Environmental Sciences	UTSC	Member
40	Julie Teichroeb	Anthropology	UTSC	Member
41	Sean Thomas	Forestry	UTSG	Member
42	Laura Tozer	Physical & Environmental Sciences	UTSC	Member
43	Oleksandr Voznyy	Physical & Environmental Sciences	UTSC	Member
44	Mathew Wells	Physical & Environmental Sciences	UTSC	Member
45	Caleb Wellum	History Studies	UTM	Member
46	Xiao-an Zhang	Physical & Environmental Sciences	UTSC	Member

* Joining UTSC, July 1, 2023

Table A1.1b. IECS: External Canadian and international members.

	Name	Affiliation
1	Ricardo Acuna	Executive Director, Parkland Institute
2	Sibo Chen	Professional Communication, TMU and City University of Macau, China
3	Brigt Dale	Research Director at Nordland Research Institute, Norway
4	Naoko Ellis	Clean Energy Research Centre/Chemical and Biological Engineering, UBC
5	Derek Gladwin	Fellow, UBC Centre for Interactive Research on Sustainability and Professor of Language & Literacy Education, UBC
6	Gabrielle Hecht	President, Society for the History of Technology/ Professor of History, Stanford University
7	Mette High	Director of the Centre for Energy Ethics, St. Andrew's University
8	Cymene Howe	Anthropology, Rice University/Norwegian University of Science & Technology
9	Tara Howse	Program Manager, Indigenous Advisory and Monitoring Committee for TMX
10	Aalok Khandekar	Department of Climate Change, Indian Institute of Technology Hyderabad
11	Seth Klein	Author and Director of Strategy, Climate Emergency Unit; Founder of BC Canadian Centre for Policy Alternatives
12	Stéphane Labranche	Science Po Grenoble, France and Director, International Panel on Behaviour Change
13	Barbara Leckie	Academic Director, Centre for Climate Communication and Engagement, and Co-ordinator, Carleton Climate Commons
14	Julia Levin	Associate Director, Environmental Defence Canada
15	Glen Lowry	Associate Vice-President, Applied Research, Centennial College
16	Geoffrey Mann	Fulbright Canada EcoLeader
17	Elizabeth May	Co-Leader, Green Party of Canada
18	Joerg Niewoehner	Director, Integrative Research Institute, Transformations of Human-Environment-Systems, Humboldt University, Berlin
19	Chris Russill	Associate Professor, School of Journalism, Communications and Climate, Carleton University
20	Johanne Saint-Charles	Directrice, Institut Santé er Société, Université du Québec à Montréal
21	Sverker Sörlin	KTH Royal Institute of Technology, Stockholm and Climate Policy Council, Sweden
22	John Smol	Past President, Academy of Science, RSC and Distinguished University Professor of Biology, Queen's University
23	Sanaz Sohrabi	Visual Artist and Filmmaker, Montréal

	24	Peter Stoett	Dean of Social Sciences and Humanities, Ontario Tech University
	25	Oxana Timofeeva	Professor of Environmental Philosophy, St. Petersburg University, Russia

Table A1.2a. Institute for Inclusive Health and Well-Being (IIHWB): Internal members.

	Name	Department/Unit	Campus	Role
1	Allison Crawford*	CAMH, Psychiatry	UTSC	Director
2	Charles Trick	Health & Society	UTSC	Interim Director
3	Hillary Brown	Health & Society	UTSC	Member
4	Andrea Charise	Health & Society	UTSC	Member
5	Suzanne Erb	Psychology	UTSC	Member
6	Ian Hamilton	Physical & Environmental Sciences	UTSC	Member
7	Casandra Hartblay	Health & Society	UTSC	Member
8	David Jenkins	Temerty	UTSG	Member
9	Sara Levitt	UHN	UNH	Member
10	Carmen Logie	Social Work	UTSG	Member
11	Fiona Miller	Dalla Lana School of Public Health	UTSG	Member
12	Jeffrey Pilcher	Historical & Cultural Studies	UTSC	Member
13	Erica Di Ruggiero	Dalla Lana School of Public Health	UTSG/UTSC	Member
14	Anthony Ruocco	Psychology	UTSC	Member
15	Jay Shaw	Research Director, Artificial Intelligence, Ethics & Health	Women's College Hospital	Member
16	Michelle Silver	Health & Society	UTSC	Member
17	Daisy Singla	CAMH, Psychology	CAMH	Member
18	Nicholas Spence	Health & Society	UTSC	Member
19	Walter Tavares	Health & Society	UTSC	Member

* Joining UTSC, July 1, 2023

Table A1.2b. IIHWB: External Canadian and international members.

	Name	Affiliation
1	Gerald McKinley	Western University
2	Makino Mitsutaku	University of Tokyo
3	Misty Peacock	Salish Sea Research Center, Northwest Indian College
4	Shion Takemura	Chair, Japanese Ministry of Agriculture, Fisheries, and Forests
5	Heather Tallis	University of California, Berkeley
6	Vera Trainer	University of Washington

Table A1.3a. Institute for Inclusive Economies and Sustainable Livelihoods (IIESL): Internal members.

	Name	Department/Unit	Campus	Role
1	Sergio Montero *	Human Geography	UTSC	Director
2	Caroline Hossein	Global Development Studies	UTSC	Interim Director
3	Martha Balaguera	Political Science	UTM	Member
4	Michelle Buckley	Human Geography	UTSC	Member
5	Leslie Chan	Global Development Studies	UTSC	Member
6	Karen Chapple	School of Cities	UTSG	Advisory
7	Kamari Clarke	Law	UTSG	Member
8	Beth Coleman	Institute of Communication, Culture, Information & Technology	UTM	Advisory
9	Allison Crawford	Psychiatry & CAMH*	UTSG	Member
10	Nisrin Elamin	Anthropology	UTSG	Member
11	Esmat Elhalaby	Historical & Cultural Studies	UTSC	Member
12	Robert Gillezeau	Management	UTSC	Member
13	Rafael Grohmann	Arts, Culture & Media	UTSC	Member
14	Sonia Kang	Management	UTM	Advisory
15	Patricia Landolt	Sociology	UTSC	Member
16	Ann Lopez	OISE	UTSG	Member
17	Uahikea Maile	Political Science	UTSG	Member
18	Notisha Massaquoi	Health and Society	UTSC	Member
19	Beverly Mullings	Geography & Planning	UTSG	Member
20	Kevin O'Neill	Study of Religion	UTSG	Member
21	Natalie Oswin	Human Geography	UTSC	Member
22	Alejandro Paz	Anthropology	UTSC	Member
23	Ito Peng	Sociology	UTSG	Advisory
24	Thy Phu	Arts, Culture & Media	UTSC	Member
25	Jeffrey Pilcher	Historical & Cultural Studies	UTSC	Member
26	Andre Sorensen	Human Geography	UTSC	Member
27	Jason Spicer	Geography & Planning	UTSG	Member
28	Imre Szeman	Human Geography	UTSC	Member
29	M. Derya Tarhan	OISE	UTSG	Member
30	Antonio Torres-Ruiz	Global Development Studies	UTSC	Member
31	Alissa Trotz	Women & Gender Studies	UTSG	Member
32	Bettina von Lieres	Global Development Studies	UTSC	Member

* Joining UTSC, July 1, 2023

Table A1.3b. IIESL: External Canadian and international members.

	Name	Institution	Country
1	Isabelle Anguelovski	ICTA – BCN UEJ Lab, Universitat Autónoma de Barcelona	Spain
2	Chris Benner	Institute for Social Transformation, UC Santa Cruz	USA
3	Gautam Bhan	Indian Institute for Human Settlements	India
4	Gianpaolo Baiocchi	Urban Democracy Lab, New York University	USA

5	Daniel Aldana Cohen	Socio-Spatial Climate Collaborative, UC Berkeley	USA
6	Ayona Datta	University College London	UK
7	Arturo Escobar	University of North Carolina, Chapel Hill	USA
8	David Singh Grewal	The Law & Political Economy Project, UC Berkeley	USA
9	Holly Harriel,	MIT CoLab, MIT, Boston	USA
10	Giorgos Kallis,	ICTA-Research & Degrowth, Universitat Autónoma de Barcelona	Spain
11	Jovan Scott Lewis	UC Berkeley	USA
12	Joan Manuel Mendoza	Mondragón Unibertsitatea	Spain
13	Diana Mitlin,	International Institute for Environment and Development, University of Manchester	UK
14	Diana Ojeda	CIDER, Universidad de los Andes	Colombia
15	Edgar Pieterse	African Centre for Cities, University of Cape Town	South Africa
16	John Powell	Othering & Belonging Institute, UC Berkeley	USA
17	Ananya Roy	Institute of Inequality and Democracy, UCLA	USA
18	Andrés Rodríguez-Pose	London School of Economics	UK
19	Chandni Singh	Indian Institute for Human Settlements,	India

Appendix 2.

Table A2.1. There are several outputs and indicators outlined below that will help us to measure the progress of *i*RISE institutes in the first five years. These indicators will evolve as the plan's actions are carried out.

Goal	Target	Indicators
To create intellectual spaces for convergence dialogues within and between *i*RISE research institutes and in which to imagine alternative futures.	• Centralized and streamlined governance for *i*RISE and related research activities. • Increased number of interdepartmental research collaborations among *i*RISE members.	• *i*RISE governance structure established. • External funds secured to support stipend/salaries of the *i*RISE secretariat post the four-year funding period. • # *i*RISE staff positions that are culturally diverse to assist in good governance. • # *i*RISE faculty members who are changemakers. • # of departments/divisions participating in collaborations through the *i*RISE institutes and the SDGs Scholars Academy. • # of internal and external grants focused on human development. • # of participants in grant applications/awards with historically excluded groups. • Streamlining requirements for community-based programming
To conduct research that deploys the diverse epistemologies and methodologies of different disciplines to generate transformative solutions to problems.	Increased number of convergence research projects adopting methods that facilitate co-production of knowledge with Indigenous, Black, and other marginalized communities.	• # of convergence research grants applied for and received based on leveraged funds from the synthesis and catalyst grants. • # of convergence grant applications to groups or organizations representing Indigenous, Black, and other marginalized communities received. • # community partners engaged in research production. • # of community partners directly funded. • # of citations from historically excluded groups, especially Black and Indigenous scholars. • # and diversity of attendees for convergence knowledge co-production training. • # of participants who report an improvement in their knowledge and understanding of knowledge co-production and co-mobilization.

To build locally and globally sustainable partnerships and collaborations across academic and non-academic institutions, which engage diverse stakeholders to co-create knowledge infused with social concerns and values.		• # of cooperative institutions engaged in this work. • # of new multi-sectoral partnerships created to support research and training. • # of projects that include representatives (faculty, students, or organizations) from the Global South. • # of trainees who participate in *i*RISE entrepreneurial and experiential learning programs overseas and in Canada. • # of collaborations that foster bi-directional knowledge exchange with partners and communities. • # of international partnerships that involve UofT trainees, especially from historically excluded groups. • # of international partnered research projects with UofT faculty at IRN and BRN.
To train the next generation of scholars and leaders dedicated to the creation of sustainable and environmentally just societies.	Increased student engagement in *i*RISE-related research. Increased access to learning abroad programs and community-based placements for undergraduate students. Increased access to international training opportunities for trainees.	• # of Black and Indigenous faculty who are training graduate students and doing primary supervision. • # of applications from racialized students to undergraduate, graduate, postdoctoral researcher training programs. • # of departments represented in training programs.

| To maximize the positive societal impact of research knowledge by disseminating it within and beyond academia, and with the goal of translating it into public policy and practice. | Increased bi-directional knowledge exchange and engagement in *i*RISE research.

Increased uptake in outputs of *i*RISE research | # of reports published on *i*RISE and its research institutes' websites # of knowledge exchange events hosted. # keynotes and invited lectures by Black and Indigenous experts. # web news articles (UTSC news, UofT news), op-ed mainstream media, Conversation Canada (https://theconversation.com/ca/pitches). # social media engagement (retweets, impressions, etc.). # of visitors to *i*RISE website. # of conference presentations among grant recipients. # of publications (peer reviewed/grey literature) published among grant recipients # of feminist events. Reciprocal engagement with partners who are working in policy change. Uptake of reports and research by policy leaders. # publications by Black and Indigenous scholars. # of joint publications with international partners. # of visualizations of products and media publications outside of Canada. |

Appendix 3

Table A3.1. IECS Budget.

Expenses / IECS	Year 1 2023-24	Year 2 2024-25	Year 3 2025-26	Year 4 2026-27	Year 5 2028-29	Total
1. Salaries & Benefits						
Director	$12,450	$12,450	$12,450	$12,450	$0	$49,800
IIESL Research Assistant/Community Outreach	$28,200	$29,000	$29,000	$29,000	$0	$115,200
Subtotal	**$41,450**	**$41,450**	**$41,450**	**$41,450**	**$0**	**$165,800**
2. Research Programs						
Design Studios (2 per year)	$37,500	$75,000	$75,000	$75,000	$0	$262,500
New Research Initiatives Fund	$25,000	$25,000	$25,000	$25,000	$0	$100,000
Visiting Fellow (1-2 weeks)	$15,000	$15,000	$15,000	$15,000	$0	$60,000
Fulbright Fellowship	$0	$35,000	$35,000	$40,000	$0	$110,000
Co-funding (SSHRC, NFRF, etc.)	$0	$0	$0	$25,000	$0	$25,000
Subtotal	**$77,500**	**$150,000**	**$150,000**	**$180,000**	**$0**	**$557,500**
3. Research Training Programs						
Postdoctoral Fellows	$65,000	$130,000	$65,000	$65,000	$0	$325,000
Graduate Student Funding	$15,000	$30,000	$30,000	$30,000	$0	$105,000
UG Research Opportunities	$12,500	$12,500	$12,500	$12,500	$0	$50,000
Subtotal	**$92,500**	**$172,500**	**$107,500**	**$107,500**	**$0**	**$480,000**
4. Knowledge Mobilization						
Community engagement activities: High School Program	$25,000	$25,000	$25,000	$0	$0	$75,000
Symposia and Conferences	$40,000	$20,000	$20,000	$20,000	$0	$100,000
Subtotal	**$65,000**	**$45,000**	**$45,000**	**$20,000**	**$0**	**$175,000**
5. Operations						
Website maintenance	$5,000	$5,000	$5,000	$5,000	**$0**	$20,000
Computer and monitors	$9,500	$2,500	$2,500	$2,500	**$0**	$17,000
Other office supplies	$1,250	$1,250	$1,250	$1,250	**$0**	$5,000
Subtotal	**$15,750**	**$8,750**	**$8,750**	**$8,750**	**$0**	**$42,000**
Contingency + Cost Increase	**$5,500**	**$25,000**	**$25,000**	**$25,000**	**$0**	**$80,500**
Totals:	**$248,750**	**$446,250**	**$381,250**	**$411,250**	**$0**	**$1,500,000**

Table A3.2. IIHWB budget.

Expenses / IIHWB	Year 1	Year 2	Year 3	Year 4	Year 5	Total
	2023-24	2024-25	2025-26	2026-27	2027-28	
1. Salaries & Benefits						
Director Stipend	$12,450	$12,450	$12,450	$12,450	$12,450	$62,250
IIHWB Community Research Liaison	$18,500	$18,500	$18,500	$18,500	$18,750	$92,750
Subtotal	**$30,950**	**$30,950**	**$30,950**	**$30,950**	**$31,200**	**$155,000**
2. Research Programs						
New research Initiatives	$0	$25,000	$25,000	$25,000	$25,000	$100,000
Summer School "Planetary Health"	$10,000	$45,000	$45,000	$45,000	$45,000	$190,000
Term Research Program on "Developing Health Analytics" Specialists	$0	$0	$20,000	$0	$20,000	$40,000
Term Research Program on "Mental Health and Well-Being" Specialists	$0	$20,000	$0	$20,000	$0	$40,000
Term Research Program on "Systems Thinking and Problem Solving"	$0	$20,000	$0	$20,000	$0	$40,000
Term Research Program on "Community and Global Health Delivery"	$0	$0	$20,000	$0	$20,000	$40,000
Term Research Program on "Storytelling and Community Health and Well-Being"	$0	$10,000	$10,000	$10,000	$10,000	$40,000
Visiting Scholar (short-term)	$0	$25,000	$25,000	$25,000	$25,000	$100,000
Activist/policy leader fellowship	$0	$20,000	$20,000	$20,000	$20,000	$80,000
Subtotal	**$10,000**	**$165,000**	**$165,000**	**$165,000**	**$165,000**	**$670,000**
3. Research Training Programs						
Post-Doctoral Support	$0	$65,000	$65,000	$65,000	$65,000	$260,000
Undergraduate Research Assistants	$0	$30,000	$30,000	$30,000	$30,000	$120,000
Graduate Student Funding	$0	$20,000	$25,000	$25,000	$25,000	$95,000
Subtotal	**$0**	**$115,000**	**$120,000**	**$120,000**	**$120,000**	**$475,000**
4. Knowledge Mobilization						
Research development, travel	$12,500	$12,500	$12,500	$12,500	$11,500	$61,500
Support for Annual "Headliner" for all 3 Institutes (2 events per year)	$0	$9,000	$9,000	$9,000	$9,000	$36,000
Networking events, symposia, and conferences	$0	$10,000	$10,000	$10,000	$10,000	$40,000
Subtotal	**$12,500**	**$31,500**	**$31,500**	**$31,500**	**$30,500**	**$137,500**
5. Operations						$0
Website, social media, and newsletter	$2,000	$5,000	$5,000	$5,000	$5,000	$22,000
Computer and monitors	$3,000	$2,500	$2,000	$2,000	$2,000	$11,500
Other office supplies	$1,000	$1,000	$1,000	$1,000	$1,000	$5,000
Subtotal	**$6,000**	**$8,500**	**$8,000**	**$8,000**	**$8,000**	**$38,500**
Contingency + Cost Increase	**$0**	**$4,000**	**$6,000**	**$6,500**	**$7,500**	**$24,000**
Totals:	**$59,450**	**$354,950**	**$361,450**	**$361,950**	**$362,200**	**$1,500,000**

Table A3.3. IIESL budget.

Expenses / IIESL	Year 1	Year 2	Year 3	Year 4	Year 5	Total
	2023-24	**2024-25**	**2025-26**	**2026-27**	**2027-28**	
1. Salaries & Benefits						
Director	$12,450	$12,450	$12,450	$12,450	$12,450	$62,250
IIESL Research Assistant/Community Outreach	$18,500	$18,500	$18,500	$18,500	$18,750	$92,750
Subtotal	**$30,950**	**$30,950**	**$30,950**	**$30,950**	**$31,200**	**$155,000**
2. Research Programs						
Global IIESL Studio	$25,000	$25,000	$25,000	$25,000	$25,000	$125,000
Summer School Inclusive economies		$45,000	$45,000	$45,000	$45,000	$180,000
Summer abroad and co-op education for undergraduates	$25,000	$25,000	$25,000	$25,000	$25,000	$125,000
Visiting Scholar (short-term)	$12,000	$12,000	$12,000	$12,000	$12,000	$60,000
Activist/policy leader fellowship	$15,000	$15,000	$15,000	$15,000	$15,000	$75,000
Co-funding and new research initiatives	$5,000	$10,000	$10,000	$15,000	$15,000	$55,000
Subtotal	**$82,000**	**$132,000**	**$132,000**	**$137,000**	**$137,000**	**$620,000**
3. Research Training Programs						
IIESL Postdoctoral Fellow		$70,000	$70,000	$70,000	$70,000	$280,000
Undergraduate Student Funding	$10,000	$10,000	$10,000	$10,000	$10,000	$50,000
Graduate Student Funding	$20,000	$25,000	$30,000	$30,000	$30,000	$135,000
Subtotal	**$30,000**	**$105,000**	**$110,000**	**$110,000**	**$110,000**	**$465,000**
4. Knowledge Mobilization						
Research development, travel	$12,500	$12,500	$12,500	$12,500	$12,500	$62,500
Networking events, symposia, and conferences	$25,000	$25,000	$25,000	$25,000	$25,000	$125,000
Subtotal	**$37,500**	**$37,500**	**$37,500**	**$37,500**	**$37,500**	**$187,500**
5. Operations						
Website, social media, and newsletter	$5,000	$5,000	$5,000	$5,000	$5,000	$25,000
Computer and monitors	$3,000	$2,000	$2,000	$2,000	$2,000	$11,000
Other office supplies	$1,000	$1,000	$1,000	$1,000	$1,000	$5,000
Subtotal	**$9,000**	**$8,000**	**$8,000**	**$8,000**	**$8,000**	**$41,000**
Contingency + Cost Increase	**$5,000**	**$5,000**	**$7,000**	**$7,000**	**$7,500**	**$31,500**
Totals:	**$194,450**	**$318,450**	**$325,450**	**$330,450**	**$331,200**	**$1,500,000**

Table A3.4. SDGs@UofT budget.

Revenue	Year 1	Year 2	Year 3	Year 4	Year 5	Total
UTSC	$142,547	$127,043	$133,810	$196,600	$300,000	$900,000
FAS	$40,000	$40,000	$40,000	$0	$0	$120,000
FASE	$40,000	$40,000	$40,000	$0	$0	$120,000
TFoM	$40,000	$40,000	$40,000	$0	$0	$120,000
DLSPH	$40,000	$40,000	$40,000	$0	$0	$120,000
UTM	$30,000	$30,000	$30,000	$0	$0	$90,000
OVPI	$0	$40,000	$40,000	$40,000	$0	$120,000
ISI	$0	$200,000	$200,000	$200,000	$0	$600,000
Total	**$332,547**	**$557,043**	**$563,810**	**$436,600**	**$300,000**	**$2,190,000**
Expenses	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Total**
1. Salaries & Benefits						
SDGs Scholars Academy, Academic Director	$12,450	$12,450	$12,450	$12,450	$12,450	$62,250
SDGs@UofT Operations Director	$139,643	$143,832	$148,147	$152,592	$157,169	$741,383
SDGs@UofT Program Coordinator	$79,331	$81,711	$84,163	$22,508	$130,381	$398,094
Subtotal	**$231,424**	**$237,993**	**$244,760**	**$187,550**	**$300,000**	**$1,201,727**
2. Research Programs						
SDGs Synthesis Grants	$0	$60,000	$60,000	$60,000	$0	$180,000
SDGs Catalyst Grants	$0	$60,000	$60,000	$60,000	$0	$180,000
Subtotal	**$0**	**$120,000**	**$120,000**	**$120,000**	**$0**	**$360,000**
3. Research Training Programs						
Undergraduate Student SDGs Awards	$0	$15,000	$15,000	$15,000	$0	$45,000
Graduate Student SDGs Awards	$0	$37,500	$37,500	$37,500	$0	$112,500
Postdoctoral Researcher SDGs Awards	$0	$37,500	$37,500	$37,500	$0	$112,500
Student Mobility	$0	$30,000	$30,000	$30,000	$0	$90,000
Subtotal	**$0**	**$120,000**	**$120,000**	**$120,000**	**$0**	**$360,000**
4. Knowledge Mobilization						
Community engagement activities	$25,000	$25,000	$25,000	5000	$0	$80,000
Community engagement honoraria	$50,000	$50,000	$50,000	0	$0	$150,000
Subtotal	**$75,000**	**$75,000**	**$75,000**	**$5,000**	**$0**	**$230,000**
5. Operations						
Website maintenance	$10,000	$2,250	$2,250	$2,250	$0	$16,750
Computers, monitors, IT	$15,000	$0	$0	$0	$0	$15,000
Other office supplies	$1,123	$1,800	$1,800	$1,800	$0	$6,523
Subtotal	**$26,123**	**$4,050**	**$4,050**	**$4,050**	**$0**	**$38,273**
Totals:	**$332,547**	**$557,043**	**$563,810**	**$436,600**	**$300,000**	**$2,190,000**

Appendix 4. Feedback received during consultations from January 1, 2023 to present.

*Q1: Is i*RISE *rooted in decolonial praxis?*

A damaged environment. Unjust economic systems. Unhealthy populations. A planet in crisis. *i*RISE examines a world in crisis. This crisis is the outcome of colonial practices of exclusion, violence, and power that have affected all inhabitants of the planet, though none so deeply and significantly as Indigenous peoples, which have been subjected to forces intent on taking away their lands and reshaping their communities. Fundamental to the institutions and structures of colonialism are knowledge structures and systems that worked to legitimize colonialism. These forms of Eurocentric knowledge remain deeply embedded in all forms of institutional knowledge production, including universities, and need to be actively addressed and deconstructed to reveal how they continue to determine how power is distributed and how we are supposed to understand each other and the world in which we live.

As a network of institutes determined to address all the ways in which inequities and exclusions have resulted in an unhealthy planet, *i*RISE is committed practices of decolonization—intentionally foregrounding how current forms of institutional knowledge can limit and impede our full understanding of the world and can continue to reinforce power relations. We recognize that it is only possible to address those practices and forces that have placed the world in crisis by "writing back" against colonialism and colonial mentalities. *i*RISE is committed to involving knowledge produced by Indigenous scholars and communities and will provide resources to Indigenous people and involve Indigenous scholars.

The work of decolonization extends beyond Indigenous communities. The impacts of colonialism have had a deleterious effect on individuals and communities around the world, who have endured its ongoing violence and exclusions. We recognize the place of institutional knowledge systems in producing the planetary effects identified in (for instance) the UN's SDGs, and recognize, too, the multiple ways in which such metrics reinforce colonial systems of power even as they hope to undo its impact.

Q2: Are there opportunities for undergraduate students (in addition to graduate and postdoctoral fellows) in iRISE?

Undergraduate students have been recognized for decades as capable of contributing to research, with impact equivalent to other student researchers. *i*RISE will necessitate the participation of undergraduate researchers; additionally, several programs are already in the process of being designed for high school students in the GTA, which will give these students the opportunity to learn about and participate in research in the institutes.

Resources will be invested in undergraduate-level learning through study abroad programs and studios that will provide undergraduate students with opportunities to learn about cooperative and people-led development in health and well-being, the economy, and the environment. Institute metrics will hold to account the number of underrepresented students that engage in events and ensure that we are creating a space not only for undergraduate scholars, but also for mentoring and developing the talents of our students, especially at the UTSC campus. A focus on undergraduate students is to diversify the pipeline for a new generation of scholars that care about the vision and mission of *i*RISE. Finally, undergraduate students will be invited to participate in the institutes as paid research assistants and through the UofT work-study program, and to engage in topics of interest to them and their communities.

Q3: Will there be partnerships with both local and global community organizations and practitioners?

*i*RISE will make room for community leaders and their organizations, locally and globally, through programming designed to amplify community knowledge and include their knowledges in university-based research. We want to make sure we are actively learning about practices of exclusion and erasure in our communities, and this necessitates a commitment to consciously involve practitioners and activists on the front-line of work for social justice, economic transformation, and environmental change. *i*RISE activities will include studios, summer schools, and visiting professorships for community members, activists, members of non-governmental organizations, and other non-university-based researchers to ensure resources are directed to those leading people-centred initiatives in Canada as well as the global South.

Q4: How were members selected?

Membership is starting with those faculty members who exemplify excellence and radical research in their field and who dare to push the boundaries within their own disciplines. See Section 6 of this document, which outlines the process through which members were selected to establish the inaugural group of members. This inaugural group includes members from across the university (all three campuses), a wide range of disciplines, and attends to equity, diversity, and inclusivity. To initiate the membership process, and to ensure diversity of approaches, outlooks, and research foci, some members were solicited by institute directors, while other members were included after they approached the directors following the public announcement of *i*RISE and the public consultations that started January 1, 2023.

Q5: How can I become a member?

To become a member, faculty members can approach institute directors and request to be included. We welcome members who understand and align with the values of the institutes, and who undertake research in the areas on which the institutes focus. Members must be committed to decolonial praxis. The institutes are developing a set of goals based on post-growth, cooperative economics, and earthly well-being, and all faculty who engage in these questions should feel welcomed to join.