OFFICE OF RESEARCH
NEWSLETTER

Royal Roads UNIVERSITY

Research Calls & Funding Opportunities

August 4, 2023

"Sunflowers of Sandwell" [Forge Mill Farm, West Midlands, UK] by Cattan2011 is under license by CC BY 2.0.

Funding & Award Opportunities

Call for nominations: Robbins-Ollivier Award for Excellence in Equity

Internal nomination deadline: August 21, 2023

Value: **$100,000**
Duration: **1 year** (with the potential for a one-year no-cost extension)

Attn RRU Faculty Members

The Canada Research Chairs Program (CRCP) is inviting eligible institutions to submit nominations to the second annual Robbins-Ollivier Award for Excellence in Equity.

The objectives of the award are to:

- fund bold and potentially game-changing institutional-level initiatives that will challenge the status quo, spark change and take action to address persistent systemic barriers within the institution research ecosystem and academia more broadly;
- recognize faculty members who contribute their time, expertise and lived experience to help address inequities in their institution, the research ecosystem and academia; and
- provide opportunities for students and trainees to contribute to this important work.

This prestigious award will therefore recognize an innovative, institutional-level project led by a faculty member who has a track record of equity related leadership and experience.

Please note: Nominations are limited to initiatives that help identify and/or address systemic barriers within the nominating institution and, by extension, the research ecosystem. Research projects in EDI-focused disciplines will not be accepted.

If you would like to submit a project for consideration, please complete the Expression of Interest (EOI) form (emailed out to RRU faculty) to provide a brief summary of your project and describe how your nomination will address the award selection criteria listed on the website under the categories of:

1) Project; and
2) Leadership and commitment to equity.

Send your completed Award EOI form to [the Research Office](#) no later than midnight, August 21st.

Royal Roads may only submit one nomination. Only submissions demonstrating how they meet the award criteria will be considered for nomination. Multiple submissions that meet the award criteria will be reviewed by RRU's Research Advisory Committee.

For more information: [Visit the Robbins-Ollivier Award for Excellence in Equity web page](#)

"[Milton Farmers' Market](#)" [Halton, Ontario] by Sue Thompson is under license from [CC BY-ND 2.0](#).

Call for proposals: *Trans-Atlantic Platform - Democracy, Governance and Trust*

Compulsory Notice of Intent to Apply (NOI) deadline: **September 15, 2023**
Full proposal deadline: **November 6, 2023**

Value: **Up to $200,000 CDN per proposal**
Duration: **24 to 36 months**

Context, scope, and principles of the call

The world is facing exceptional social, economic, technological, environmental, and geopolitical challenges, including migration, climate change emergencies, energy crises, war, conflict, political extremism, erosion of democratic institutions, protest, violence, corruption and growing public distrust of governance and expertise. These affect not only

the institutions of democratic government but also the wider structures and processes that make our societies work and hold together. The call on Democracy, Governance and Trust (DGT) seeks to understand specifically how democracy, governance, and trust are integral to the tackling of both short-term crises and long-term challenges and are themselves a focus of the discontent and disruption facing many societies. It will support research that develops diverse methodological, disciplinary, and cross-national perspectives in relation to these topics, their causes, and dynamics; and builds capacity to respond creatively to these challenges, thereby maximising opportunities to strengthen democracy, governance, and trust for the benefit of all in society.

Eligibility requirements

Applicants must apply as a transnational research project partnership and partner with a number of national research teams based in the participating T-AP countries listed on the call website. Each project must:

- Comprise at least three (3) eligible Co-Principal Investigators from at least three different T-AP participating countries from both sides of the Atlantic.
- Nominate one of the Co-Principal Investigators as the project's Lead Principal Investigator (Lead PI). All co-PIs share responsibility for directing the project and co-ordinating proposed research activities in addition to participating in the execution of the research project. Co-applicants and collaborators contribute to executing the research project.

Objectives

The DGT call aims to deepen and widen our knowledge and understanding of opportunities, challenges, and crises relevant to democracy, governance and trust. The framing of this call recognizes that many disciplinary perspectives and methodologies may be brought to bear on these questions and that proposals are strengthened by inclusive and innovative collaborations across disciplinary and national boundaries. The call is specifically keen to identify how conditions for democracy, governance and trust to flourish can be maintained, fostered, rebuilt where needed and nurtured through a range of interventions and initiatives based on basic research and/or empirical evidence.

We invite interdisciplinary and innovative research proposals that promise advances in one or several of the following ways:

(i)   Improve and innovate our conceptualization and theorization of democracy, governance and trust.
(ii)   Address topics aimed at collective responses to global challenges for democracy, governance and trust.
(iii)   Empirically define and describe the opportunities, challenges and crises relevant to democracy, governance and trust from a historical, contemporary, or prospective perspective.
(iv)   Offer diverse methodological, disciplinary, and cross-national perspectives on these topics.
(v)   Study or test interventions (i.e., improving outcomes and making a difference) aimed at enhancing democratic processes, improving governance, and rebuilding trust in formal and informal political systems, economic structures, cultural associations, education and public institutions.
(vi)   Advance knowledge through co-developing work programs with communities, educators, and key stakeholders in civil society, education and government.
(vii)   Examine the role of digital media, tools, and technologies in eroding or strengthening democracy, governance and trust and the roles of education, cultural institutions and the law in shaping, facilitating and restraining this role of digital media.

Overarching themes

This call focuses on outstanding, innovative, and interdisciplinary research relating to the three components of the call - democracy, governance and trust - investigated ideally in combination. The focus on these themes will encourage research teams to develop innovative and outstanding interdisciplinary research proposals. It is also envisaged that proposals will potentially consider linkages between these themes as well as develop, and add to, their analysis in ways that explore the past and contemporary factors shaping democracy, governance and trust. Approaches may focus on dynamics, processes, contexts, and the making of meaning in relation to each of these. Historical inquiry into those factors that help us understand the present and the future are also welcome.

For more information: Visit the T-AP call on Democracy, Governance and Trust web page

Read the addendum for Canada-based applicants

Call for Proposals: Law Foundation of BC – Legal Research Fund

Application deadline: **September 22, 2023**

Value: **up to $25,000**
Duration: **1 year**

The Law Foundation's Legal Research Fund supports research projects that aim to advance access to justice for people and communities in British Columbia. Eligible grant-seekers can apply for up to $25,000 to support research that has the potential to advance knowledge related to law, social policy, and the administration of justice. The Foundation encourages applications where the proposed research has the potential to promote inclusion and meaningful responses to ongoing harms to equity-denied people and communities through the legal system.

Who Can Apply

The Fund is open to:

- Members of the Law Faculties at Thompson Rivers University, the University of British Columbia, and the University of Victoria, as long as the application is submitted with the express approval of their Dean.
- Members of other faculties in British Columbia, as long as the research is law-related and the application is submitted with the express approval of their Dean.
- Members of the legal profession in British Columbia who can demonstrate they have the background, interests and capacity to carry out legal research.
- Non-profit organizations with expertise in carrying out legal research.

Please note that a person who is a current recipient of a Graduate Fellowship from the Foundation is ineligible to receive a concurrent grant from the Legal Research Fund.

Eligibility

To be eligible for funding, a project must fall within the Foundation's legal research mandate objectives of advancing the knowledge of law, social policy and the administration of justice.

The Foundation encourages applications where the proposed research could reasonably be expected to have a practical impact in improving access to justice for people and communities in British Columbia. This could include, but is not limited to:

- Research related to Indigenous Law and access to justice;
- Research which identifies legal needs in the context of access to justice;
- Research which identifies what works in addressing specific legal needs in the context of access to justice;
- Research which identifies practical pathways to improving access to justice;
- Research related to Family Law and access to justice.

The Foundation is committed to strengthening structural inclusion and systemic access to justice and advancing the public interest through justice initiatives. The Foundation encourages applications and projects from under-served and equity-denied groups.

For more information: Visit the Law Foundation of BC Legal Research Fund web page

NO. XIX. BOTANICAL: FORMS OF LEAVES, STEMS, ROOTS, AND FLOWERS.
I. GENERAL FORMS AND ARRANGEMENT OF LEAVES.

Application deadline: October 20, 2023

Value: **$20,000 to $100,000 per project** (Maximum total funding envelope: $100,000)
Duration: **1 to 3 years**

The College Student Success Innovation Centre (CSSIC) at Mohawk College invites emerging and established external scholars at Canadian postsecondary institutions whose research is positioned to promote college student success to apply for the CSSIC Research Fellowship.

The goals of this fellowship are to identify and validate innovative student services and/or teaching approaches, methods, and practices that promote success for postsecondary students at Mohawk College and beyond; advance evidence-based research and practice in the college sector; and foster inter-institutional collaboration between Mohawk College and other postsecondary institutions. The resulting research findings and project outputs must be directly applicable to Mohawk College students and will be disseminated widely.

Description

The successful fellow(s) will, in partnership with the CSSIC team, develop or modify, test, and evaluate a proposed student success intervention, which will be implemented with Mohawk College students. For the purpose of this call, a "student success intervention" refers to a student service or classroom-based intervention (i.e. an approach, method, practice, etc.) that is directly implemented with students in a curricular or extracurricular capacity (i.e. in or out of the classroom). Applicants are encouraged to review examples of CSSIC's previously implemented student success interventions, though this list is not intended to be a comprehensive representation of the types of interventions that may be considered for funding.

A successful application will:

- Propose a pilot project involving the implementation of a student success intervention with the potential for future scaling and/or replication, designed to promote student success in response to an identified problem, challenge, limitation, or barrier
- Demonstrate the validity of the underlying assumptions (theoretical and/or evidence-based) of the proposed approach, method, or practice and their applicability to Mohawk College students
- Consider Mohawk College's context and student population in its project design, ensuring findings and outcomes can be directly applied to existing practice and/or implemented with Mohawk College students
- Propose a methodology and knowledge mobilization plan that involves students as co-researchers
- Demonstrate capacity to evaluate the effectiveness of the implemented intervention and complete the proposed work within the proposed timeframe (i.e. ensure the methodology is appropriate and reasonable in scope)
- Detail a knowledge mobilization plan with tangible benefits for the Mohawk College community (students, staff, and faculty, as applicable) and dissemination opportunities relevant to the college sector and postsecondary educational contexts more broadly
- Align with Mohawk College priorities, as articulated in our current (2022-2025) strategic plan
- Align with the Tri-Agency Statement on Equity, Diversity and Inclusion, specifically in regard to "promoting the integration of equity, diversity and inclusion-related considerations in research design and practices" (Mohawk College is a signee of the Dimensions Charter and received a Foundation State designation through the Dimensions program in April 2023).

While proposals can and should build on previous research activities, fellowship funds cannot be used to supplement an existing project/grant. The fellow(s) and CSSIC team may explore potential future extensions or expansions of the funded project(s), based on project results, but these considerations would exceed the scope of the CSSIC Research Fellowship.

Proposals should primarily emphasize how the proposed intervention is intended to promote student success and may be categorized within one or more of the following disciplines:

- Adult, higher, or postsecondary education
- Student affairs, student development, or student services
- Curriculum, assessment, or teaching and learning (e.g. online teaching and learning, experiential learning, supporting international learners, knowledge/skill development)
- Access, equity, diversity, and/or inclusion in postsecondary education
- Other disciplines/fields for which research insights can be directly applied to the college student experience with the aim of promoting student success.

The proposed disciplinarity of this call is intentionally broad in scope. We welcome submissions across and between disciplines that creatively (re)imagine ways of addressing and promoting student success, reflective of increasingly multifaceted, emergent conceptions of student success.

For more information: Visit the Mohawk College CSSIC Research Fellowship web page

Call for proposals: Spencer Foundation -   Research-Practice Partnerships: Collaborative research for educational change

Application deadline: late October 2023

Value: Up to $400,000 USD
Duration: Up to 3 years

The Research-Practice Partnership (RPP) Grants Program is intended to support education research projects that engage in collaborative and participatory partnerships. We view partnerships as an important approach to knowledge generation and the improvement of education, broadly construed. Rigorous partnership work is intentionally organized to engage diverse forms of expertise and perspectives, across practitioners, scholars, and organizations, as well as disciplines and methods, in knowledge generation around pressing problems of practice and/or policy. Further, RPPs can facilitate the long-term accumulation of knowledge in new ways as researchers and practitioners work together to ask practitioner- and policy-relevant questions on key topics in specific settings over time. Many key problems of practice and policy are historically saturated and require multiple perspectives and long-term engagement if sustainable and systemic change is to occur. Over the long term, we anticipate that research conducted by RPPs will result in new insights into the processes, practices, routines, and policies that improve education for learners, educators, families, communities, and institutions where learning and teaching happen.

This grant program is open to partnerships between researchers and a broad array of practitioners. For example, practitioners might work in school districts, county offices of education, state educational organizations, universities, community-based organizations, and other social sectors that significantly impact learners' lives. As such, we define practitioners broadly; they might be policy-makers, out-of-school-time providers and other informal educators, K-12 teachers and leaders, or families and other community members. We are open to applications from design-based research teams, networked improvement communities, place-based research alliances, and a wealth of other partnership arrangements.

While this grant program is open to all partnership configurations across a range of learning contexts, in addition to PreK-12 school systems, **we especially encourage applications from partnerships that include scholars and institutions of higher education, rural geographic locations, and in locations outside of the United States, as well as partnerships that deeply engage community-based organizations and families**.

Activities that May be Funded

Research is fundamental to every research-practice partnership, and we expect research activities to be the central element of every proposal. In addition to detailing a plan for research, applicants may also prioritize plans for communicating and disseminating key findings and other important partnership activities that have the potential to foster positive educational changes.

The following categories of activities are meant to be illustrative, but not exclusive, of activities in addition to the research that could be funded under this program. We expect proposed activities will be highly related to partnership type and context but will also, at their core, have the potential to make a contribution to improved educational practice and/or policy beyond the specific context in which scholars and practitioners are working.

- Research activities
- Research infrastructure
- Outreach, communications, and relationship building
- Capacity development

Eligibility

Proposals to the Research-Practice Partnership program must be for research and other activities aimed to support collaborative partnerships between academic researcher(s) and a broad array of practitioner(s) of education.

Proposals are accepted from the U.S. and internationally. All proposals must be submitted in English and budgets must be proposed in U.S. Dollars.

For more information: Visit the Spencer Foundation Research-Practice Partnership Grants website

Call for proposals: SSHRC Partnership Engage Grants

Application deadline: September 15 and December 15, 2023

Value: $7,000 to $25,000
Duration: 1 year

Partnership Engage Grants provide short-term and timely support for partnered research activities that will inform decision making at a single partner organization from the public, private or not-for-profit sector. The small-scale, stakeholder-driven partnerships supported through Partnership Engage Grants are meant to respond to immediate needs and time constraints facing organizations in non-academic sectors. In addressing an organization-specific need, challenge and/or opportunity, these partnerships let non-academic organizations and postsecondary researchers access each other's unique knowledge, expertise and capabilities on topics of mutual interest.

Partnership Engage Grants are expected to respond to the objectives of:
- the Insight program (to build knowledge; support new approaches to research; provide research training for students; fund research expertise that relates to societal challenges and opportunities; and mobilize research knowledge) and
- the Connection program (to share research knowledge; increase accessibility of research knowledge among all audiences; build reciprocal relationships among researchers; develop research networks and tools; and to make those networks and tools available to non-academic audiences.)

However, Partnership Engage Grants cannot respond exclusively to the objectives of the Connection program.

Types of partnerships

Following are some possible formal partnership approaches. Applicants are in no way limited to these approaches and are welcome to combine some of the features described below.

- **Cross-sector co-creation of knowledge and understanding:** Partnerships to foster innovative research, training and the co-creation of new knowledge on critical issues of intellectual, social, economic and cultural significance.
- **Partnered knowledge mobilization:** Partnerships designed to synthesize, apply and mobilize new and existing social sciences and humanities research knowledge in accessible ways to build institutional capacity and to increase the national and international impact and stature of Canadian research.

Partner organizations

Only one Canadian or international organization from the public, private or not-for-profit sector can be involved as a partner organization. Postsecondary institutions and scholarly associations are not eligible as partner organizations. Organizations collaborating with postsecondary institutions (e.g., Network) can be considered eligible as long as they are a separate entity from the postsecondary institution (i.e., a stand-alone organization in the non-profit, private or public sector). The partner organization must be at arm's length (independent) from the academic institution and the applicant.

Future Challenge Areas

SSHRC invites all applicants to review Imagining Canada's Future's 16 future global challenges and to consider addressing one or more of these areas in their research proposal. This is not an evaluation criterion for merit review and does not offer additional or dedicated research funds for this funding opportunity.

For more information: Visit the SSHRC Partnership Engage Grants web page

Call for proposals: SSHRC Insight Grants

Application deadline: October 1, 2023

Value: $7,000 to $400,000
Duration: 2 to 5 years

Insight Grants support research excellence in the social sciences and humanities. Funding is available to both emerging and established scholars for research initiatives of two to five years.

Stable support for long-term research initiatives is central to advancing knowledge. It enables scholars to address complex issues about individuals and societies, and to further our collective understanding.

Insight Grants support research proposed by scholars and judged worthy of funding by their peers and/or other experts. Insight Grant research initiatives can be undertaken by an individual researcher or a team of researchers working in collaboration. SSHRC welcomes applications involving Indigenous research, as well as those involving research-creation.

Applicants choose from one of two streams, depending on the amount of funding required. Both streams will be adjudicated by the same committees, and will receive the same rigorous level of merit review. The deadlines and application process are identical for both; however, the targeted success rate for Stream A is higher than for Stream B.

The Insight Program

Insight Grants are expected to respond to the objectives of the Insight program, which are to:

- build knowledge and understanding from disciplinary, interdisciplinary and/or cross-sector perspectives through support for the best researchers;
- support new approaches to research on complex and important topics, including those that transcend the capacity of any one scholar, institution or discipline;
- provide a high-quality research training experience for students;
- fund research expertise that relates to societal challenges and opportunities; and
- mobilize research knowledge, to and from academic and non-academic audiences, with the potential to lead to intellectual, cultural, social and economic influence, benefit and impact.

For more information: Visit the SSHRC Insight Grant web pages

Call for proposals: SSHRC Connection Grants

Application deadline: November 1, 2023

Value: **Events: $7,000 to $25,000**
              Outreach activities: $7,000 to $50,000

Duration: 1 year

Connection Grants support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. These events and activities represent opportunities to exchange knowledge and to engage with participants on research issues of value to them. Events and outreach activities funded by a Connection Grant can often serve as a first step toward more comprehensive and longer-term projects. Connection Grants are expected to respond to the objectives of the Connection program.

Connection Grants support workshops, colloquiums, conferences, forums, summer institutes, or other events or outreach activities that facilitate:

- disciplinary and/or interdisciplinary exchanges in the social sciences and humanities;
- scholarly exchanges between those working in the social sciences and humanities and those working in other research fields;
- intersectoral exchanges between academic researchers in the social sciences and humanities and researchers and practitioners from the public, private and/or not-for-profit sectors; and/or
- international research collaboration and scholarly exchanges with researchers, students and non-academic partners from other countries.

Proposed events and outreach activities

- All activities must take place within 12 months of the start date indicated on the notice of award (see decision dates in the funding cycle schedule).
- Proposed events and outreach activities must produce timely and concrete deliverables, such as conference proceedings or other knowledge products developed for traditional formats and/or employing digital and/or multimedia formats (unless specifically intended to create new, longer-term linkages or to initiate collaboration).
- Proposed events and outreach activities can be one-time encounters or catalysts designed to lead to longer-term partnerships and/or sustained programs of scholarly research.

SSHRC welcomes applications involving Indigenous research, as well as those involving research-creation.

Matching funds

SSHRC will not fund the full cost of any Connection Grant project. Additional support in the form of eligible cash and/or in-kind contributions (excluding registration fees) equivalent to a minimum of 50% of the amount requested from SSHRC must come from sponsoring organizations.

For more information: Visit the SSHRC Connection Grants web page

Application deadline: November 15, 2023

Value: **$75,000 to $200,000**
Duration: 1 to 3 years

Partnership Development Grants provide support over one to three years to teams/partnerships, led by a project director, to:

- develop research and/or related activities in the social sciences and humanities—these can include knowledge mobilization and the meaningful involvement of students and emerging scholars, by fostering new partnerships with existing and/or potential partners; or
- design and test new partnership approaches for research and/or related activities that can result in best practices or models—these can either be adapted by others or have the potential to be scaled up to a regional, national or international level.

Partnership Development Grants are expected to respond to the objectives of the Insight program and/or the Connection program.

Partnership funding is intended for formal partnerships between postsecondary institutions and/or organizations of various types. For more information, see the definitions for formal partnership and partner organization.

The quality of training, mentoring and employability plans for students and emerging scholars will be evaluated as an important part of the proposed initiative. SSHRC's Guidelines for Effective Research Training explain how students and emerging scholars can meaningfully participate in proposed initiatives.

The intellectual leadership and governance for the creation of a formal partnership can come from the research community and/or from partner organizations from the public, private and not-for-profit sectors. However, only an institution that meets the institutional eligibility requirements can administer the grant funding, once awarded. For more information, see Eligibility.

SSHRC invites applicants and their partner organizations who wish to propose formal disciplinary, interdisciplinary, interinstitutional, international and/or cross-sector partnership arrangements to apply for support through this funding opportunity. Funds are available to support a variety of formal partnership development initiatives in all of the disciplines and themes that meet SSHRC's subject matter eligibility guidelines.

For tools and resources to assist with the planning and implementation of your partnership, see SSHRC's Partnerships Tool-Kit.

Types of partnerships

Two categories of partnerships can request support: existing partnerships, and new partnerships.

Following are some possible formal partnership approaches. Applicants are in no way limited to these approaches, and are welcome to combine some of the features described below.

- **Disciplinary and interdisciplinary research partnerships**: Interinstitutional research initiatives designed to make a significant contribution to advancing knowledge and understanding in the social sciences and/or humanities.
- **Cross-sector co-creation of knowledge and understanding**: Partnerships to foster innovative research, training and the co-creation of new knowledge on critical issues of intellectual, social, economic and cultural significance.
- **Networks for research and/or related activities**: Networks designed to advance the innovative co-creation of knowledge, as well as training and mobilization of research.
- **Partnered knowledge mobilization**: Partnerships designed to synthesize, apply and mobilize new and existing social sciences and humanities research knowledge in accessible ways.

For more information: Visit the SSHRC Partnership Development Grants web page

Questions about your author rights, publishing, or promoting your research?
Contact Cassandra Larose, Scholarly Communications Librarian, at 250-391-2600, ext. 4324.

Questions about your data management plan?
Contact Rosie Croft, University Librarian, at 250-391-2699.

If you are interested in any of the above funding opportunities:
Please contact the Office of Research Services and we will assist you in the development of your proposal.

Please note: The principal investigator for any grant application submitted through Royal Roads University must be a core faculty member at RRU.

Spotlight

THIS WEEK'S EQUITY, DIVERSITY AND INCLUSION RESOURCE

Equity, Diversity, and Inclusion in Research

This pre-recorded presentation BCcampus presentation by Dr. Tanya Manning-Lewis titled, *Equity, Diversity, and Inclusion in Research*, has many useful tips on how to incorporate EDI into your research at all stages.

https://bccampus.ca/event/research-speaker-series-fall-2022-3/?instance_id=3554

A review of the Tri-Agency Open Access Policy on Publications – online survey

Canada's federal research granting agencies – the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council of Canada (NSERC), and the Social Sciences and Humanities Research Council of Canada (SSHRC) ("the agencies") – have announced a review of the Tri-Agency Open Access (OA) Policy on Publications ("OA Policy"), with the goal of requiring that any peer-reviewed journal publications arising from agency-supported research be freely available, without subscription or fee, at the time of publication. The renewed OA Policy will be released by the end of 2025.

The agencies are committed to increasing the dissemination of research results and accelerating knowledge mobilization by ensuring peer-reviewed articles resulting from agency-funded research are freely and immediately available.

Over the coming year, we will engage with a wide range of partners within the research community (e.g., researchers, research libraries, federal and provincial partners, scholarly associations, and publishers) to identify the key features of an effective, comprehensive, sustainable and equitable immediate OA Policy for peer-reviewed articles, and the incentives and supports required for the Policy's successful implementation.

Our partners are essential to the success of the OA Policy update and we will work closely with them during this process. **As a first step, the agencies invite members of the community to complete a short, online survey** to help inform the updating of the OA Policy. The agencies will continue to consult over the next year, as we revise the Policy to immediate OA for publications, as one component of advancing Open Science practices in Canada.

If you have any questions about the OA Policy review, please contact us at openaccess@sshrc-crsh.gc.ca.

Questions about anything in the Research e-bulletin?   Contact the **Office of Research Services**