**Quantum Quest Seed Fund Round 9**

**Application**

Please refer to the Quantum Quest Seed Fund Guidelines available at [tqt.uwaterloo.ca](http://tqt.uwaterloo.ca/opportunities/quantum-seed/).

**Definitions**

**Collaborators:** Faculty and/or researchers internal or external to the university who contribute to the project

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| 1. Principal Investigator |  |
| 2. Department |  |
| 3. Email |  |
| 4. Collaborators (name and institutional affiliation), if applicable |  |
| 5. Project Title |  |
| 6. New Idea or Application Area | Quantum sensing for health  Quantum sensing for the environment  Quantum simulation for environment and/or health  Other  (If more than one applies then indicate the primary area) |
| 7. Thesis Statement |  |

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| 8. Abstract: In two (2) pages maximum describe the research proposal including references. The proposal should address such aspects as connection to quantum, motivation, novelty, and methodology, as appropriate. |
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| 9. Describe the connection of your project to the Area selected in 6. above. |
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| 10. Describe the applicability of the applicant and research team to the project (i.e., why are you and your team the right individuals to address this research project?). |
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| 11. Identify the milestones of your project according to the timelines indicated. | |
| 6 Months |  |
| 12 Months |  |
| 18 Months |  |
| 2 Years |  |

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| 12. What is the potential for IP and/or commercialization? |
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| 13. Identify early adopters if possible. |
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| 14. Describe the societal and / or economic impact of your project (to Canada and globally). |
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| 15. Please describe to what extent you have [advanced equity](https://uwaterlootqt.igloocommunities.com/program/administration/documents/tqt_financial_sops/edi_initiatives_06mar20_updatedocx) throughout your career by promoting the inclusion and advancement of members of [equity-seeking groups](https://www.canada.ca/en/public-service-commission/services/appointment-framework/employment-equity-diversity/employment-equity-groups.html) in research or public policy. |
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| 16. Explain how equity, diversity and inclusion have been considered in research design, academic team composition, and the training plan for team members. |
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| 17. Is the proposed project a new activity (i.e., not a continuation of your current activities)? If yes, what is your plan for seeking additional funding, as appropriate, beyond the term of the seed funding? |
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**18. Highly Qualified Personnel**

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| HQP | |
| Name or TBD |  |
| Level | PDF PhD Masters Undergraduate |
| Department |  |
| Role |  |
| Other Funding Sources (if applicable) |  |

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| --- | --- |
| HQP | |
| Name or TBD |  |
| Level | PDF PhD Masters Undergraduate |
| Department |  |
| Role |  |
| Other Funding Sources (if applicable) |  |

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| --- | --- |
| HQP | |
| Name or TBD |  |
| Level | PDF PhD Masters Undergraduate |
| Department |  |
| Role |  |
| Other Funding Sources  (if applicable) |  |

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| --- | --- |
| HQP | |
| Name or TBD |  |
| Level | PDF PhD Masters Undergraduate |
| Department |  |
| Role |  |
| Other Funding Sources (if applicable) |  |

**19. Budget Justification**

Provide justification for your budget. Identify budget items by noting the accompanying Excel spreadsheet row number relevant to the item. Budget expenditures should follow the [Tri-Agency Financial Guidelines](http://www.nserc-crsng.gc.ca/professors-professeurs/financialadminguide-guideadminfinancier/index_eng.asp).