



VIRTUES Clinical Development Scholarship

OVERVIEW

VIRTUES (Virtual Integrated Reliable Transformative User-Driven E-Health System) is a digital healthcare platform, developed by the Cardiovascular Network of Canada (CANet), that provides individual patients with a cloud-based electronic personal health record (PHR) and specific guidelines-directed management recommendations. Unique to VIRTUES is a series of care-sets that operate using built-in algorithms that assist to provide treatment recommendations specific to the patient including personalized educational material. Each patient will only be exposed to care-set(s) specific to their condition. Physicians and medical professionals who are part of each patient's circle of care will also be given recommendations based on the VIRTUES' built-in algorithms.

VIRTUES includes the following care-sets:

1. Antithrombotic Management
2. Post Myocardial Infarction Care
3. AF Rate & Rhythm Control
4. Lipid Management
5. Hypertension Management
6. Blood Sugar Management
7. Heart Failure Care
8. Physical Activity
9. Healthy Eating
10. Smoking Cessation
11. Alcohol Reduction

The *VIRTUES Clinical Development Scholarship Award* is an opportunity for a clinician to be involved in the ongoing clinical development of VIRTUES and gain specialized expertise not normally acquired during other fellowship experiences or in clinical practice. Successful applicants will help in both the research and development of VIRTUES' built-in algorithms, translating clinical guidelines and



workflows into new innovative technological solutions to improve patient experience and clinical practice.

ELIGIBILITY

- Applicants must have completed or are near completion of their cardiology residency training (2nd or 3rd year), or a complementary specialty related to cardiology prior to commencing the scholarship award.
- Applicants must have a supervisor/mentor that is a CANet Network Investigator (<https://canetinc.ca/network-investigators/>) at an institute that can receive tri-agency (CIHR, NSERC, SSHRC) funding. If the applicant does not have a supervisor/mentor, CANet can assist with finding an appropriate supervisor/mentor to match the candidate. If you do not currently have a supervisor/mentor, please indicate this in the application form.
- Applicants who completed their medical training outside of Canada are eligible to apply provided the applicant is certified to practice medicine in Canada.

The deadline for applications is Friday, March 10, 2023 (11:59 pm Pacific Time)

FUNDING DETAILS

The *VIRTUES Clinical Development Scholarship Award* provides a stipend of \$20,000/year for a maximum of one (1) year, with the possibility of renewal for a second year. The award term will be from April 1, 2023, to March 31, 2024. The successful applicant is expected to commit at least 15 hours a week to VIRTUES clinical development.

EVALUATION CRITERIA

The principal qualifications on which applicants will be evaluated are the ability to provide expertise in one or more of the listed VIRTUES care-sets and the potential of this opportunity to accelerate a combined career as a clinician and researcher. More specifically, points considered in the assessment of an applicant are as follows:



- Academic achievements
- Publication record and contributions to published work
- Research accomplishments to date, including evidence of independence and originality
- Appropriateness and quality of the candidate's proposed qualifications to further VIRTUES while enhancing the candidate's clinical and research career
- Strength of references

SELECTION PROCESS

Proposals will be screened by CANet Operations for completeness. Eligible applications will then be subject to peer review and ranked by an adjudication committee assembled by CANet. The number of scholarships awarded will be based on the quality of the candidates and the availability of funding.

APPLICATION DETAILS AND PROCEDURE

A complete *VIRTUES Clinical Development Scholarship Award* application includes the following:

1. The completed *VIRTUES Clinical Development Scholarship Award* Application Form
2. Statement of Qualifications (free-form, maximum three (3) pages, excluding references, which may be appended on a separate page). The following points should be addressed:
 - Provide a description of qualifications related to advancing VIRTUES, including any experience related to application development, algorithm development, clinical guideline development, machine learning/AI integration, etc. (See: <https://canetinc.ca/digital-health/>)
 - Provide a description of the care-sets of interest, explaining qualifications in advancing specific care-sets and how previous training relates to expertise in those care-sets.
 - Describe the mentorship expected to be acquired through this award and how this award will enable personal career advancement in research and/or clinical practice.
3. Applicant's CV including institutional or university verification of completed medical degrees.



- Reference letters from two (2) individuals under whom the candidate has trained and who have had an opportunity to assess the candidate's potential for clinical/research success. Reference letters must be sent directly from the individual electronically to koneil@canetinc.ca. The candidate's supervisor may be a reference.

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A completed submission includes:

Item	Action
1. Completed <i>VIRTUES Clinical Development Scholarship Award</i> Application Form	In Combined PDF Document
2. Statement of Qualifications (maximum three (3) pages)	In Combined PDF Document
3. Applicant CV including institutional or university verification of completed medical degrees	In Combined PDF Document
4. Reference letters from two (2) individuals under whom the candidate has trained and who have had an opportunity to assess the candidate's potential for clinical/research success.	Electronically to koneil@canetinc.ca

Submit your completed application in a single PDF document to koneil@canetinc.ca.

Please note that hard copy submissions are not required.