

Grant Writer/Research Assistant- Kemet

Industry: Writing

Type: Remote Internship

Paid/Unpaid: Unpaid

Students: Masters or Doctoral

ABOUT COMPANY

Kemet solves drug shortages by predicting and producing essential medications in prefabricated onsite facilities with adaptive digital tech. Kemet helps solve drug shortages by predicting and producing essential medications with prefabricated facilities and adaptive digital technology. Kemet's multi-faceted adaptive solution uses: a) KemNet digital AI/IIoT/Analytics technologies to predict local drug shortages, and b) decentralized prefabricated "factory in a box" KemBox facilities to produce essential medications in low-resource settings. KemNet as an early warning drug shortage predictive system, and KemBoxes as nimble and hyperlocal drug manufacturing capacity, can help communities prepare for, detect, and respond to emerging pandemics and health security threats.

PROJECT SCOPE

The research assistants will support the research initiatives under the guidance of research faculty.

Areas of inquiry including: **International trade, Pharmaceutical Sourcing, Data analytics, Pharmaceuticals, Global Health**

The position requires skills in data retrieval and manipulation, empirical methods, and data display.

The project may include, but is not limited to:

- Overseeing complex data collection, manipulation, and data storage.
- Planning and performing the outlines and looking after data retrieval (eg, data scraping) and analysis (eg, big data analysis) using existing tools and methods.
- Responsible for complex tasks in relation to data retrieval and analysis.
- Working with senior level in the design and execution of empirical tests. Supports the project/study by surveying literature and using existing tools to generate data.
- Conducting literature reviews and contributing to the development of research projects.
- Writing reports and assisting with writing grant applications in terms of conceptualization and articulation.
- Creating databases from medication, devices, supplies sourcing information.
- Gathering public health data about drug shortages, drug security and disease burden.

If you are interested in learning more about this opportunity, please email your resume to enrich@case.edu.

Specifically completing the following grant applications

- EPCOR<https://www.epcor.com/about/community-investment/Pages/sponsorships-and-in-kind-donations.aspx>
- Global Affairs Canadahttps://www.international.gc.ca/world-monde/funding-financement/apply_funding-demande_financement.aspx?lang=eng
- Houssian Foundation<https://houssianfoundation.org/>
- Mauritius Research Council<https://www.mric.mu/research-and-innovation-bridges>
- NGEN<https://www.ngen.ca/funding> NSERC Alliance Granthttps://www.nserc-crsng.gc.ca/Innovate-Innover/alliance-alliance/index_eng.asp
- UNICEF Innovation Fund<https://www.unicefinnovationfund.org/funding-support>
- Western Economic Diversification<https://www.wd-deo.gc.ca/eng/19762.asp#how>
- ATB<https://atb.sponsor.com/form>
- BMO<https://corporate-responsibility.bmo.com/our-%20practices/community-giving/application-guidelines/>
- CanExport<https://www.tradecommissioner.gc.ca/funding-financement/canexport/innovation/index.aspx?lang=eng>
- ConocoPhillips Canada
<http://www.conocophillips.ca/community-investment/community-investment/Edmonton>
Community Foundation (ECF)<https://www.ecfoundation.org/grants/community-grants/>
- Innoweave<https://innoweave.ca/coaching-streams/apply-for-support/>
- Max Bell Foundation <https://maxbell.org/our-work/granting/types-programs/>
- Merck<https://merckcanada.versaic.com/login>
- Mitacs Pitch for the Purse<https://www.theforumpitch.ca/apply-now>
- Quantum Leap<https://cqdm.org/en/quantum-leap-programme-de-financement-pour-la-recherche-sur-la-decouverte-du-medicament/#>
- RBC<https://www.rbc.com/community-social-impact/apply-for-funding/index.html>
- SheEO<https://sheeo.world/ventures/>
- Shell - Community Skills & Enterprise Development (S-CSED)
https://www.shell.ca/en_ca/sustainability/communities/funding-guidelines-process.html/
- Shell - Healthhttps://www.shell.ca/en_ca/sustainability/communities/funding-guidelines-process.html/
- Syncrude<https://syncrude.ca/community/community-investment/>
- Tecterra<https://tecterra.com/programs/hire/#1560789944761-47820b35-bfd4>
- Alliance Grantshttps://www.nserc-crsng.gc.ca/Innovate-Innover/alliance-alliance/index_eng.asp
- CIHR<https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtIs.do?progCd=11131&language=E&org=CIHR>
- CIHR<https://www.researchnet-recherchenet.ca/rnr16/vwOpprtntyDtIs.do?all=1&masterList=true&next=1∓org=CIHR&prog=3545&resultCount=25&sort=program&type=EXACT&view=currentOpps&language=E>
- Clinical/Community Research Integration Support Grant Program (CRISP)<https://www.wchri.org/CRISP>
- Global Good Fund<https://globalgoodfund.org/>
- Grand Challenges Canada<https://www.grandchallenges.ca/funding-opportunities/>
- Regional Innovation Ecosystems<https://www.wd-deo.gc.ca/eng/19775.asp>
- Wellspring<https://cfpnet.ca/grants-awards/details/award/36>