Information Services

Research IT Support Overview

Feb 14, 2025

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RITS: Research IT Support

The RITS initiative was created to support all matters related to the use of computer and software infrastructure in research, including applications for funding, design, procurement, and administration of IT systems and application development.

Intended Activities

Assistance with grant applications having IT components	Software development, discovery, and reuse	Enable use of Canadian Digital Research Infrastructure (DRI)
Supervise research software development teams	Inter-institutional knowledge transfer	Advise and inform of good software development practices
Outreach and communications	IT security and technical risk assessments for application/projects	Web design, development, SEO …and more

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RITS Team

Manager IASS/RITS/RSS
Max Ivanov

Team Lead (RITS)
Akiff Maredia

Software Developers

**Sirvan Parasteh,
Curtis Ficor**

Project Coordinator /
Graphics & Web Designer
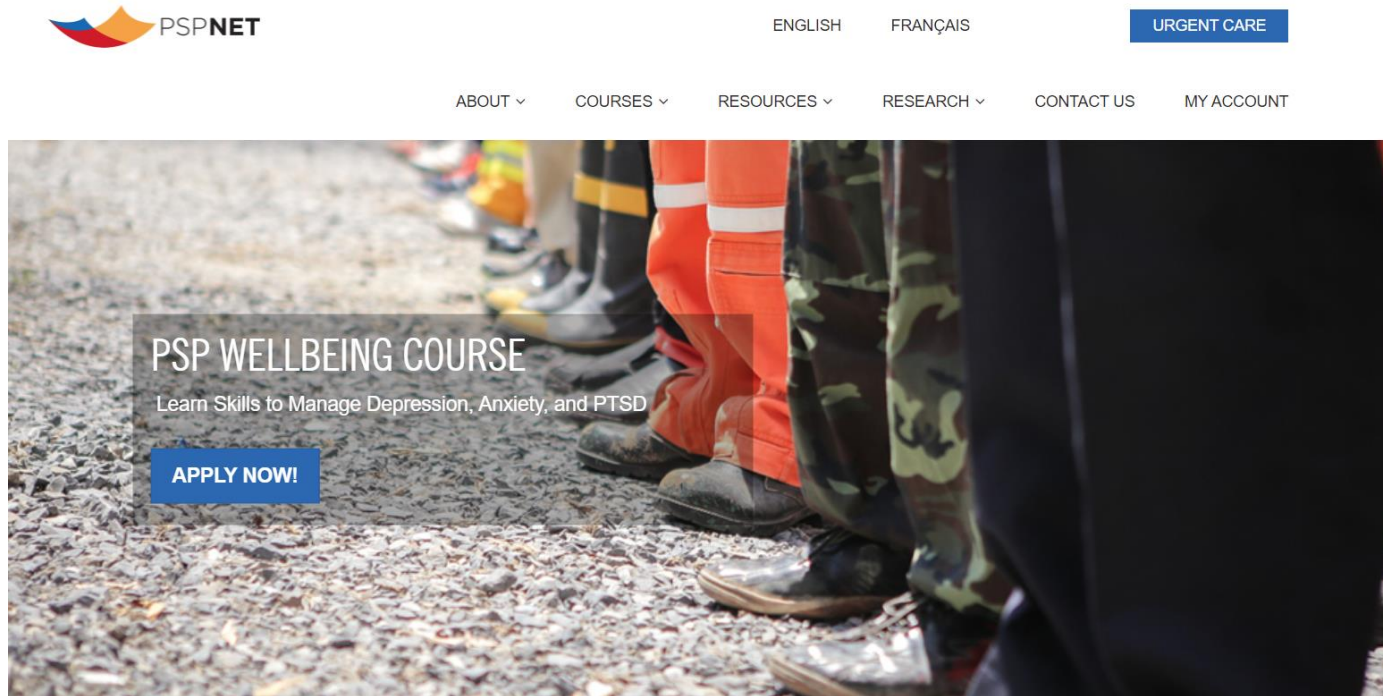
Luiza C. Magajewski

University
of Regina

Projects: OnlineTherapyUnit
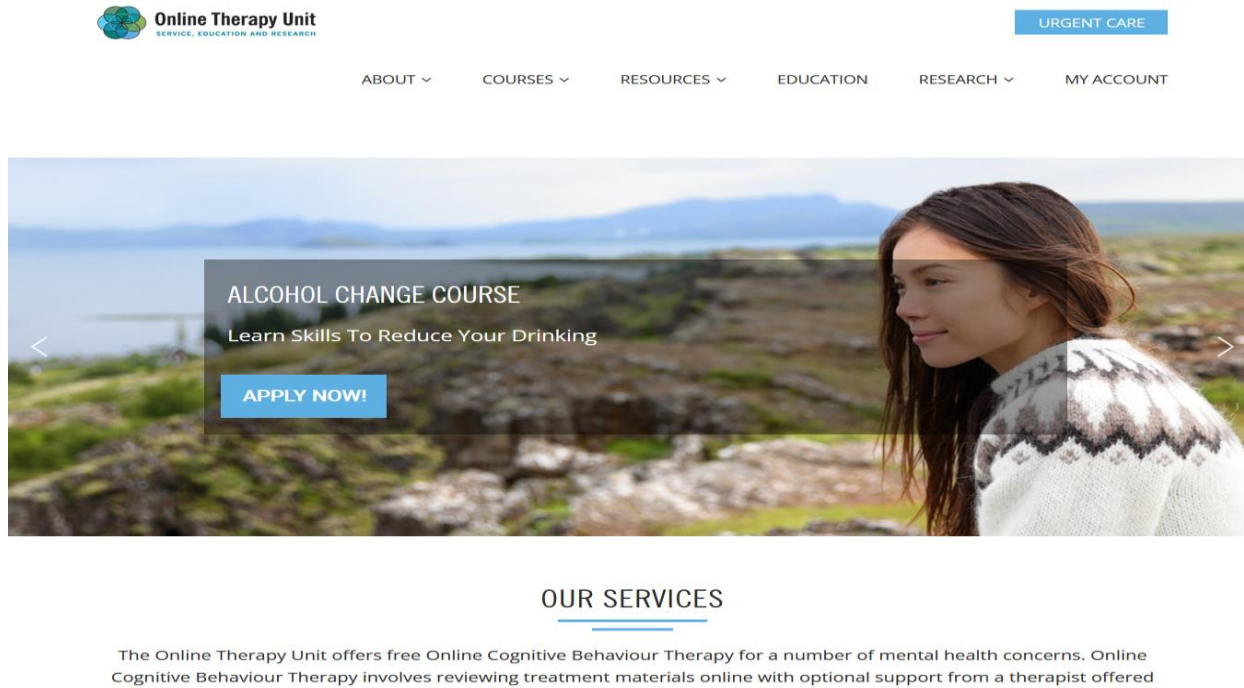
•Online platforms that provides effective online clinical treatment programs to individuals experiencing mental health difficulties with a primary focus on depression and anxiety.

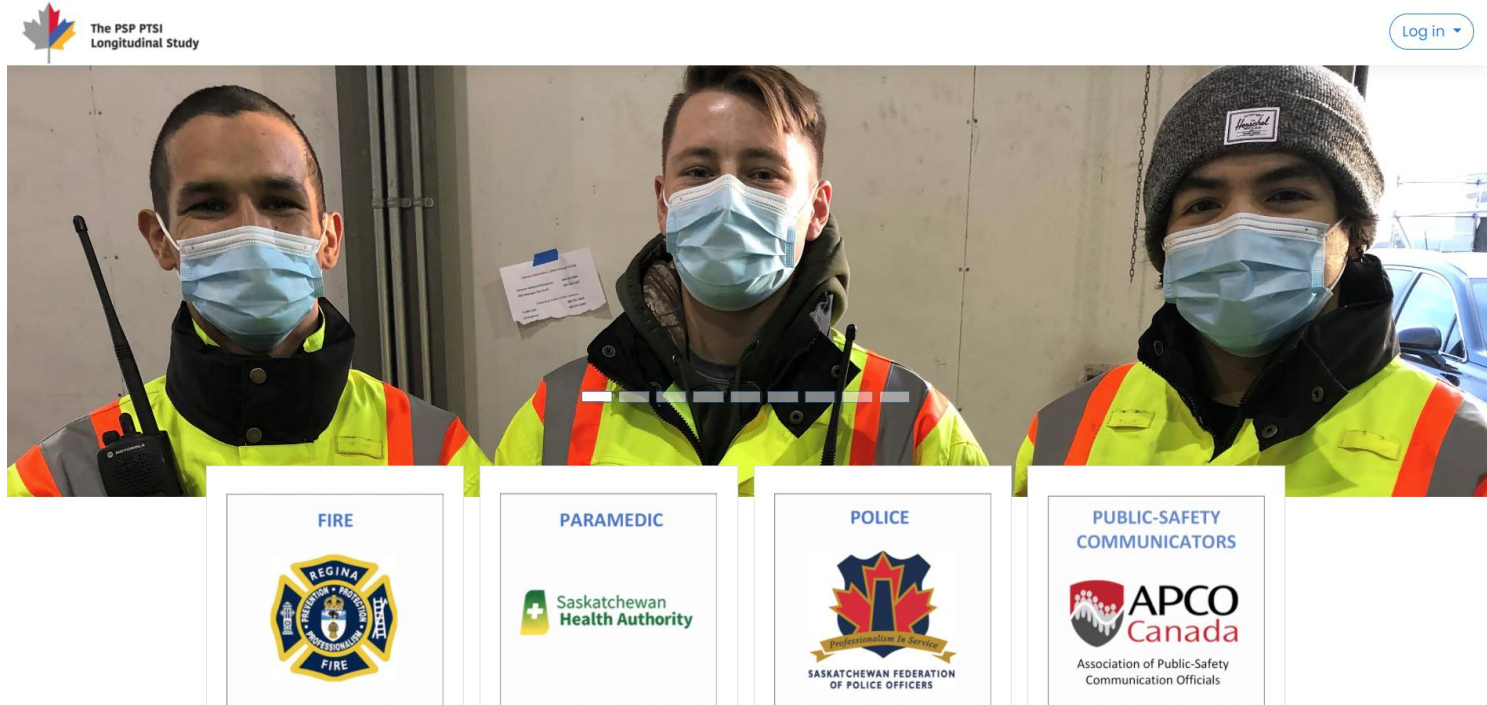•https://www.onlinetherapyuser.ca

Projects: PSPNET

- Online platforms that provides service to all Public Safety Personnel who are suffering from challenges related to depression, anxiety, and posttraumatic stress
  - https://www.pspnet.ca

Projects: PSP PTSI

- Digitized offline program content into an interactive, accessible online platform for Emotional Resiliency Training Course
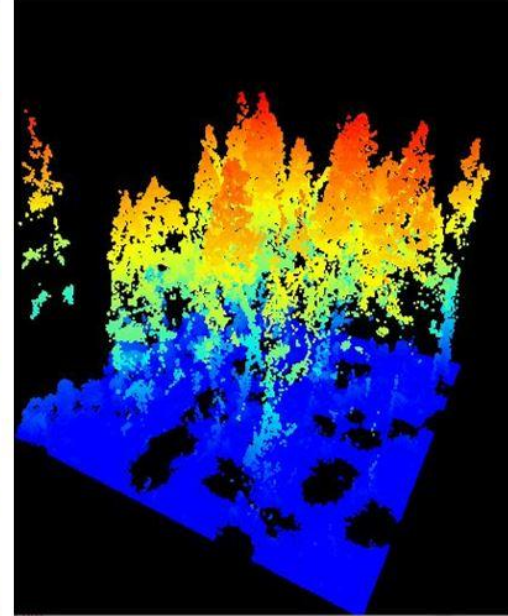
  https://www.saskptsistudy.ca/

Projects: HPL's "See Pain More Clearly"

- Integrating pain-detection algorithm (UofT) with clinical observation software. Pain detection notification. Various enhancements to the project codebase (GPU support, error detection).

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Projects: Biomass

• Machine learning classification through Random Forest Algorithm and Neural Networks. Facilitated individual tree detection from drone imagery of broad landscape.

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Projects: Imagineur

• Online training platform for Canadian Program for Creativity, Innovation & Entrepreneurship.

https://www.imagineur.ca/

Projects: PSP Mental Health

- Online repository of mental health resources for first responders

  https://www.pspmentalhealth.ca/

Piecemeal projects

Beyond Child Sponsorship (website)

Help after Healthcare Harm (online course platform & website)

PACSLAC (project transfer and further enhancements)

Caregiver Mobile App for Apple and Android

CAH, HPL, DFFR (websites)

CIPHER (website)

… and many others

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Ways to Contact RITS

- E-mail: research.software@uregina.ca

- Phone: 306-585-4089

- RITS Contact Us form:

  - https://www.uregina.ca/is/research-it.html

- Via FootPrints ticket:

  - https://ursource.uregina.ca/is/forms/ticket.html

- Contact RITS to see what we can do for you!

Questions

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