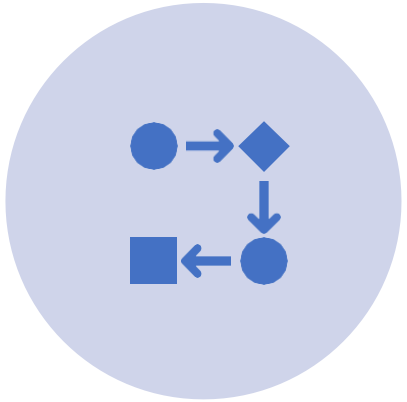
ENRICH
EMPOWERING NEXT-GENERATION RESEARCHERS
IN PERINATAL AND CHILD HEALTH
UofA Centre Leaders:
Dr. Jeanette Mailo
Dr. Sandy Thompson-Hodgetts
Program PI: Dr. Susan Samuel
Platform Manager: Linda Pires

Agenda

BECOME FAMILIAR WITH ENRICH



REVIEW THE APPLICATION PROCESS

Introduction to your UofA site leads

Janette Mailo, MD, PhD

Pediatric Neurologist,

Department of Pediatrics

Co-Director of the neonatal and pediatric neurocritical program and pediatric stroke program

Resident Research lead

Sandy Thompson-Hodgetts, OT, PhD

Associate Professor, Occupational Therapy

Director, Supporting Kids Inclusion & Participation (SKIP) Lab

Faculty of Rehabilitation Medicine

The University of Alberta acknowledges that we are located on Treaty 6 territory, and respects the histories, languages, and cultures of First Nations, Métis, Inuit, and all First Peoples of Canada, whose presence continues to enrich our vibrant community.

Thank you!

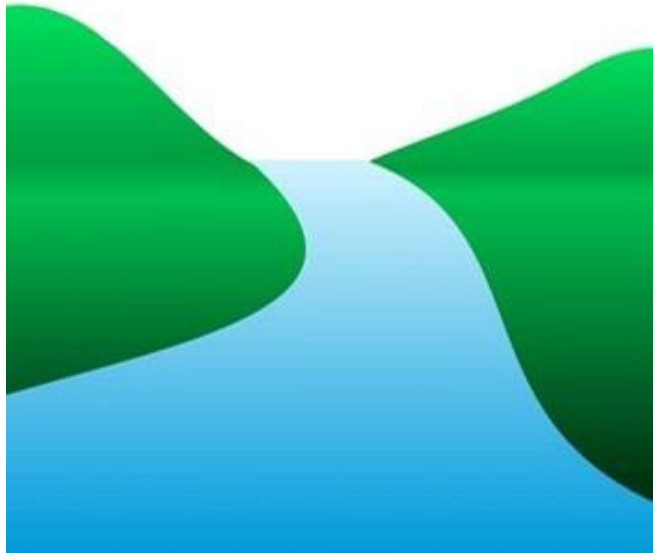
AWHF
alberta women's health foundation

MISSION

Focused on perinatal and child health research impact, ENRICH will

Increase capacity for child health research, by training researchers using an equitable, open and accessible training model.

Provide cross-sectoral, interdisciplinary training and mentorship networks for researchers



Create a seamless pathway from learner to leader in a cross sectoral career

WHO ARE WE?

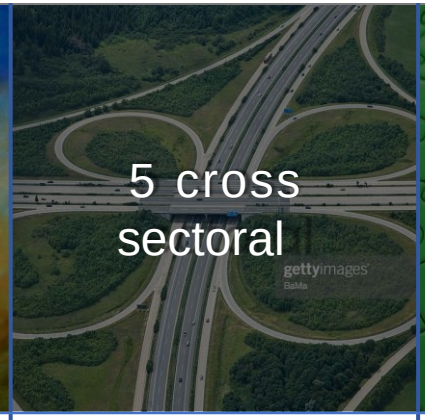
193 applicants: mentors, collaborators, partners, and patients, spanning 8 Provinces and 1Territory

- CCHCSP
- PICH
- QTNPR
- HeLTI Canada
- DoHAD Canada
- PERC
- CHILD
- TARGet Kids!
- African Child and Youth Migration Network

- MICYRN, ACHRI, BCCHR, CHEORI, CHRIM, Dalhousie, U Laval, McGill, McMaster, Memorial, Queens, U Saskatchewan, U Sherbrooke, SickKids, St Justine, WCHRI, Western

- INSPIRE
- GROWW
- KRESCENT
- TRIANGLE
- PACE
- AVA
- myROaD

- IPHCPR (Alberta)
- ICHR (NWT)
- FMHRN (Saskatchewan)
- Manitoba NEIHR
- Tahatikonhsontóntie NEIHR (Quebec)
- WLN (Labrador)



- Health Canada
- Biotalent
- Sandbox Project
- Children's Healthcare Canada
- CPS/Journal of Pediatrics & Child Health

- Black Opportunity Fund, BYMLP, CHEER, CHILDBRIGHT, CITAC, KBHN, SickKids LI, Leong Centre, PSDP, SCN, SKIP, TULIPS, UBC Graduate Program, Wellcome Program

WHAT WE DO?

Integrated and mentoring platform

TRAINEE

- Researchers
- Clinical Researchers
- Undergraduates
- Doctoral
- Post doctoral
- New Investigators
- Indigenous Researchers
- Black Researchers

TRAINING PROVIDED FOR

- Research skills development
- Professional development
- Effective mentorship

USING TOOLS & RESOURCES

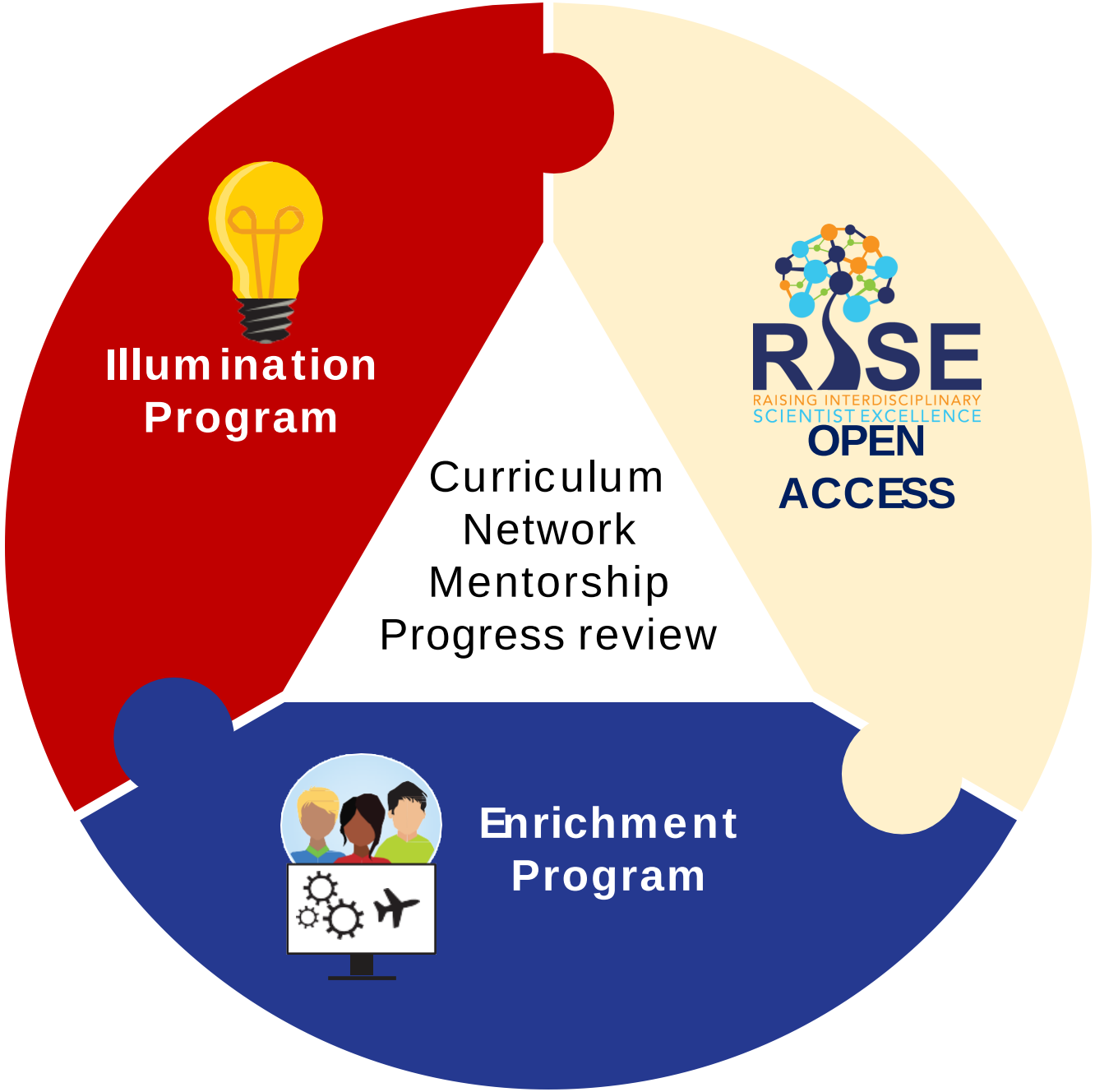
- Experiential opportunities
- Cross sectoral job preparation
- Short courses, workshops
- Annual meetings
- Networking
- Progress review, oversight
- Awards, bursaries, prizes
- Mentorship that is multidimensional, intersectoral, interdisciplinary

SUSTAINABLE CAREER TRAJECTORY

- Academic careers
- Non-academic careers
- Diversity of careers and sectors
- Reaching full potential

How we do it:

What is ENRICH?

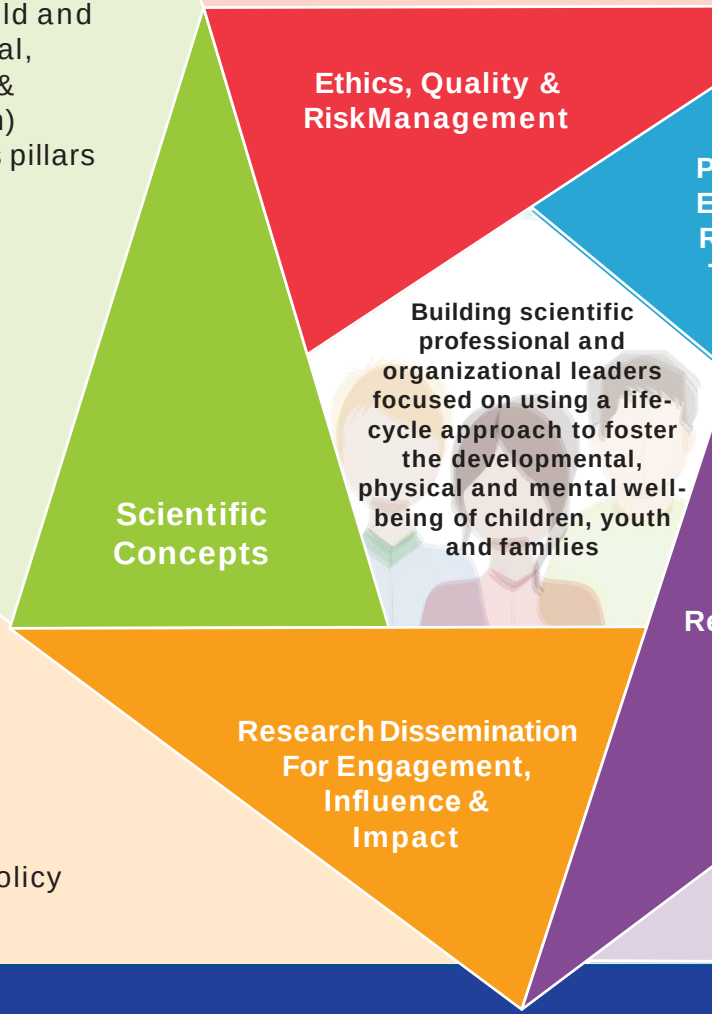


ENRICH Competency Framework

- Design and planning of research across pillars* of science for thematic area of human development, child and youth health (*biomedical, clinical, health systems & services, popultion health)
- Analytic methods across pillars of science
- Cross-disiplinary fluency
- Equity in health research

- Ethics in child health research
- Regulations & governance
- Quality assurance & risk management

- Research involving Indigenous peoples, children, communities
- Health equity, social determinants of health, social innovation
- Data Intensive Research
- Knowledge translation and implementation science, patient engagement
- Care innovation and trials
- Translational medicine



- Communication & dissemination of results
- Research to practice & policy
- Engaging stakeholders

- Research conduct and delivery
- Operations within the research environment
- Resource management
- Data management
- Patient & participant engagement in research processes

Professional Developmental Skills

- Scientific writing
- Peer review
- Communication
- Media fluency
- Mentorship

- Leadership
- Teamwork
- Professional identity formation
- Personal wellness
- Personal effectiveness

- Business and entrepreneurship
- Indigenous cultural safety
- Equity, diversity, inclusion
- Sex and gender-based analysis

RISE

RAISING INTERDISCIPLINARY SCIENTIST EXCELLENCE

The go-to resource for scientist training in Canada

CURRICULUM:

- Freely accessible educational tools for learners, providing training in (1) scientific and (2) professional development domains
- Freely accessible LMS for instructors
- Pathway of certification for the ENRICH platform
- 9 partnering organizations with their own pathway for certification, including ENRICH

PROGRESS REVIEW:

- Individualized Research Development Plan Survey that identifies gaps in skills and linked to a suitable training tools
- Completed annually

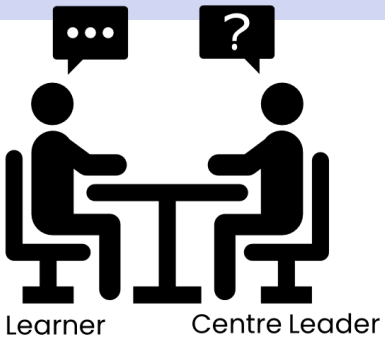
MENTORSHIP/NETWORK:

- Mentorship café (discussion forums) to access and **network** with national experts and like-minded peers

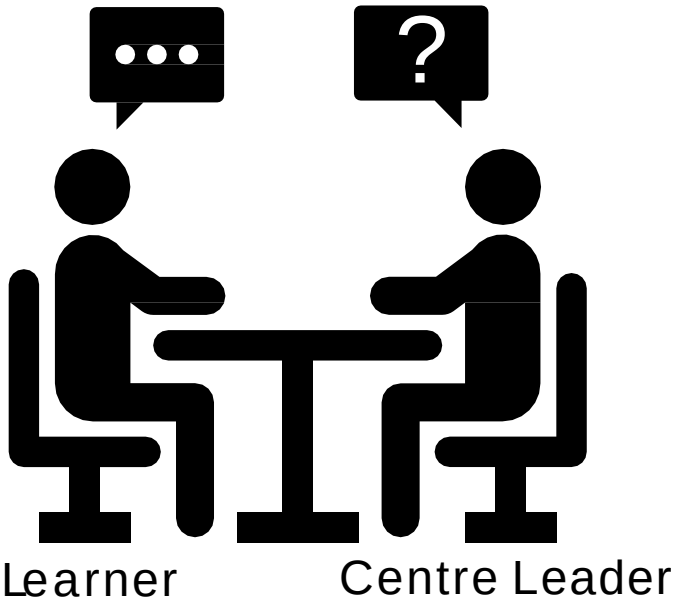
Listserv for UofA sessions: Sandy.Hodgetts@ualberta.ca

Who is an Enrichment Group Learner?

- Active learner (undergraduate, graduate, post graduate, new investigator)
- Local supervisor/mentor
- Perinatal and child health and well-being research
- Canadian Citizen/Permanent resident



Enrichment Program: Pathways of Entry



PILLAR: Programs and **I**nstitutions **L**ooking to **L**aunch **A**cademic **R**esearchers

Membership Fee: $15,000 per year for 2 years ($30,000 per learner)

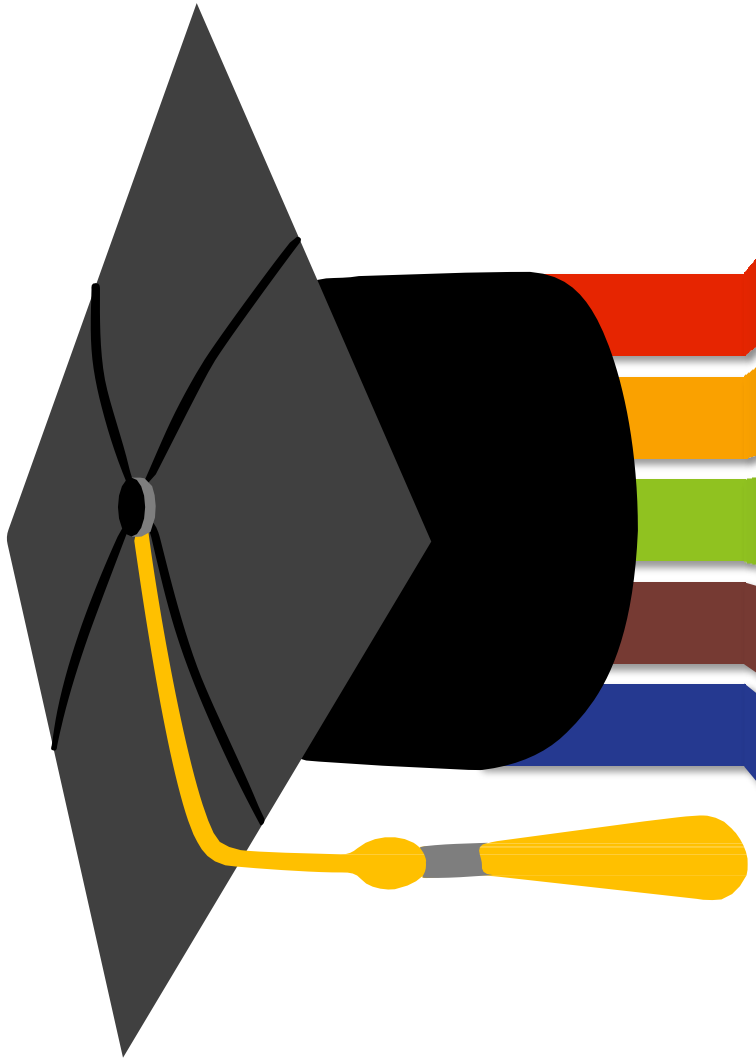
REACH: Recipients of **E**xternal **A**wards in perinatal and **C**hild **H**ealth

Learners have an active salary award from an external organization

SOAR: Salary and **O**ther **A**wards for **R**esearchers

Awards learners can apply for, adjudicated by the ENRICH Selection Committee

Enrichment Group Certification



RISE Certification

One Enrichment group per year plus an associated experiential opportunity

KT Annual Progress Review
Attendance at the annual Symposium

MENTORSHIP: 2 on 1 Assigned

IRDP: Annually with mentors

CURRICULUM

Application Process: PILLAR

1. Meet with centre leader 1st 1-2 months in advance

2. Submit Expression of Interest through WCHRI (Nov 7, 2022)

- Candidate experience
- Training environment

3. Reviewed of all applications

4. Top ranked interviewed

5. Approved by Executive (Dec 1, 2022)

https://redcap.ualberta.ca/surveys/?s=FF9XWJEWKMA94FFM

REACH Applications

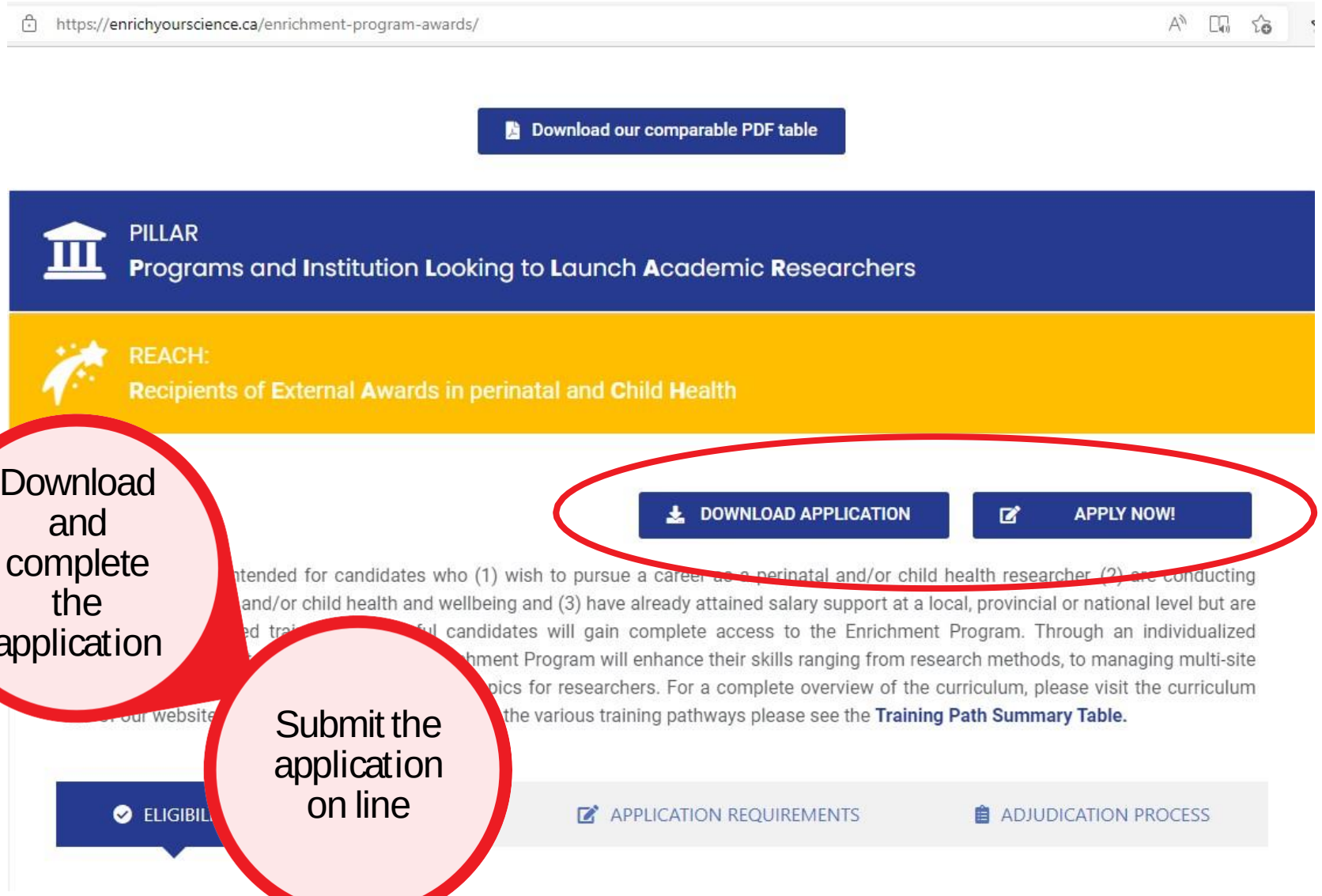
Attain external salary award

Meet with the centre leader

Download and complete the application

Submit the application on line

- No Deadlines
- First come, first serve
- Limited space
- Host funding to attend annual symposium



SOAR Awards

AWARD	ANNUAL STIPEND	RESEARCH TIME	LENGTH	ELIGIBILITY
Undergraduate Summer Institute Black and Indigenous Students	$5,000	NA	TBD	•Black or Indigenous •Enrolled in an undergraduate program
Doctoral Black & Indigenous Scholars	$20,000	100%	3 years	•MSc thesis (PhD preferred) •Proof of Indigenous heritage
Doctoral Clinician Researchers	$25,000	50%	3 years	•At least 2 years left of training from the time the award becomes active (April 1st of each year) •Active/pursuing a clinician license
Postdoctoral Clinician Researchers	$45,000	50%	2 years	•Enrolled in a postdoctoral level program •Active/pursuing a clinician license
New Investigator Clinician Researchers	$35,000	50%	4 years	•Clinician Scientist appointment for less than 5 years •Doctoral level research training (MD MSc, Health professional degree PhD) •Active/pursuing a clinician license

Summary

ENRICHMENT:

1. PILLAR program is currently active (2 year training program)
2. REACH program will open soon for people with other awards
3. SOAR awards: September 2023

We hope to start UofA sessions within the next 6 months, once RISE becomes live

Please see the website for more information about other programs. Then reach out to Janette and Sandy if you have any questions.

ENRICH Program WCHRI link

WCHRI PILLAR Pathway expression of interest

Questions?

Website
https://enrichyourscience.ca/

Send us an email
jmailo@ualberta.ca
sandy.hodgetts@ualberta.ca