



Dear ACHRI family,

We are so grateful for you all - our wonderful, creative community of child health and wellness scholars! As we wrap up an unprecedented year, we want to thank you for staying laser-focused on the children and families at the heart of our work.

Thank you for your perseverance and ingenuity in research, mentoring trainees, and especially for your collaborations to face the pandemic head-on. And, for partnering with the community and AHS as never before - we are so proud of you!

We are still celebrating Child Health and Wellness becoming a cross-campus research priority. Also worthy of note - more than 330 of you attended our research retreat to share your discoveries and innovations across a diverse range of disciplines – thank you for an outstanding day of science.

We wish you and yours a restful, fun-filled holiday break. Stay safe and well – we look forward to 2021 being the best ever!

Susa, Marinka and Benedikt

CHILD HEALTH AND WELLNESS CATALYST COMPETITION



Child Health and Wellness Grand Challenge Catalyst Awards

Round one of the Child Health and Wellness Grand Challenge Catalyst Awards competition is now open. There are two awards valued at up to \$50K each (“Seedling Awards”) and three awards valued at up to \$200K each (“Branch Awards”).

These Grand Challenge Catalyst Awards are designed to initiate and catalyze Child Health and Wellness research teams to increase competitiveness for larger scale external funding opportunities. Grand Challenge research teams are expected to address one or more of the identified [grand challenge areas and/or overarching approaches](#).

Eligibility

These awards are open to all UCalgary faculty doing Child Health and Wellness research. Collaborators from the community and partners from outside UCalgary are invited to participate as Co-Investigators or Collaborators.

[Learn more and apply](#)

[View award Criteria](#)

Deadlines:

Proposals: January 12

Full applications: February 10

COVID-19 RESPONSE

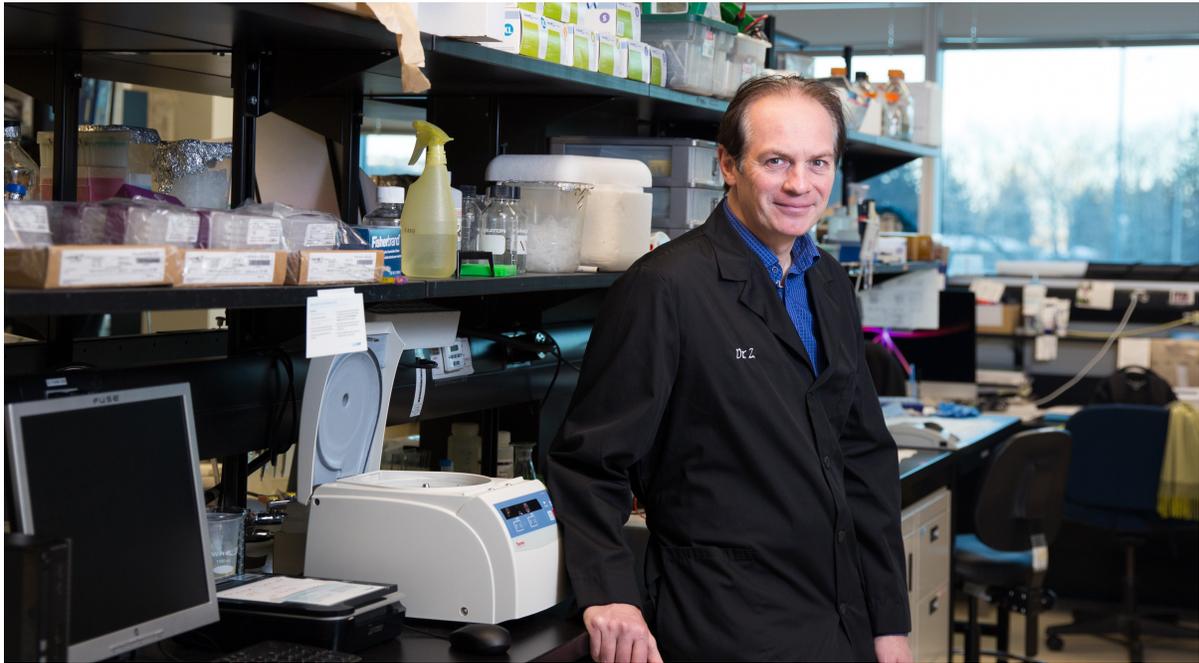
The Government of Alberta announced stronger [public health measures](#) last week to help manage rising COVID-19 cases in the province. Effective December 13, all UCalgary faculty and staff must work from home – except under specific conditions such as ongoing research. COVID-19 update: face coverings on campus and how to report COVID results [Learn more](#)

Dec. 4 Update on ACH relaunch strategy for research [learn more](#)

Key resources [Procedure for sick students](#) | [Procedure for sick employees](#) |

[Dashboard of cases on campus](#)

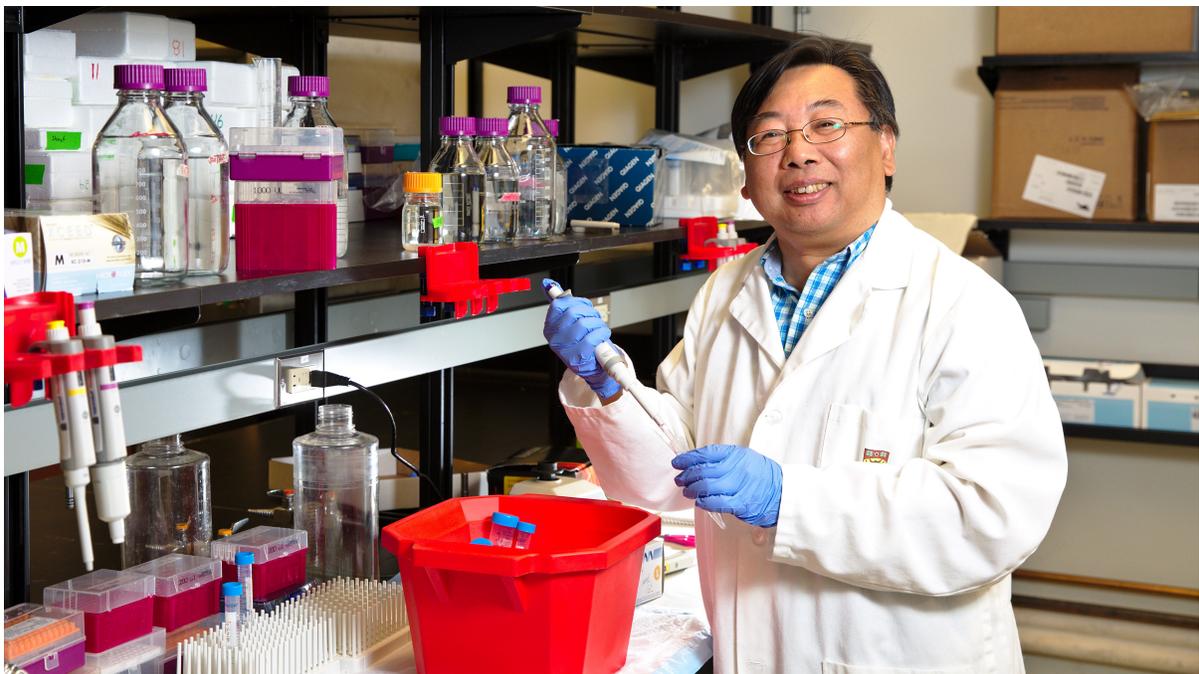
OUTSTANDING RESEARCH



National Academy of Inventors (NAI)

Dr. Gerald Zamponi, PhD, has been elected as a 2020 Fellow of the National Academy of Inventors. The NAI Fellows Program highlights academic inventors who have demonstrated a spirit of innovation in creating or facilitating outstanding inventions that have made a tangible impact on the quality of life, economic development, and the welfare of society. Dr. Zamponi will be inducted as a fellow at the 10th annual meeting June 8 in Florida. [Read more](#)
Congratulations Dr. Zamponi!

TRANSLATIONAL RESEARCH



Researcher uses machine learning to show DNA impacts cancer risk

Dr. Edwin Wang, PhD, has discovered seven DNA fingerprints or patterns that define

cancer risk for individuals beyond lifestyle. It is the first time these patterns have been described in findings published in [Science Advances](#). Wang conducted a massive systematic analysis of more than 26,000 germline genomes of individuals with and without cancer — so massive it took three months to download the data!

[Read more](#)

RESEARCH TRAINING

ACHRI Trainee Competition Funding

The UCalgary Summer Studentship application portal is now open. Apply for ACHRI Summer Studentship Awards, BME-ACHRI Summer Awards and others by February 5. The deadline for supervisor submissions is February 12.

Questions? Contact summerstudent@ucalgary.ca

Apply through the UCalgary [consolidated application portal](#)

Visit [ACHRI Research Training](#) for information on criteria or contact achri.training@ucalgary.ca

Partnership Seed Grants

The University Research Grants Committee (URGC) is offering seed grants to researchers to develop their applications for external funding at the Social Sciences and Humanities Research Council (SSHRC).

Deadline January 15

[Learn more](#)

Scientific Programming Series

Dr. Signe Bray, PhD, is offering a course on computing tools via REALISE for trainees. Everyone welcome.

January 15 – April 16 | Weekly on Fridays from 9:30 am to 12:30 pm

[Learn more](#)

CALENDAR OF EVENTS

Child Health and Wellness Seminars

Will resume in the new year.

For all events, visit the ACHRI [calendar](#)

CONNECT with @UofCr4kids on:

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research4kids.ucalgary.ca

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