

Canada Research Chair (CRC) Tier 2 Professor (Engineering)

ENG Dean Of Engineering

Competition No. - **A107455156**

Closing Date - **Mar 21, 2025**

The Faculty of Engineering would like to nominate a **woman or an individual who identifies as a gender minority** internal to the Faculty for a Tier 2 Canada Research Chair. This opportunity is open only to current Assistant and Associate Professors of the Faculty of Engineering of the University of Alberta, as well as to newly appointed Assistant and Associate Professors who will take up their appointments prior to April 1, 2025. To achieve a balanced distribution of chairs between departments, applications from the following departments will be considered: Biomedical Engineering, Chemical and Materials Engineering, Electrical and Computer Engineering, and Mechanical Engineering.

The University of Alberta is committed to the goals of access, community and belonging and to deepening and living out commitments to Indigenization and decolonization. The University of Alberta strives to remove barriers that have been historically encountered by some people in Canadian society and in postsecondary environments to build an accessible, equitable, and inclusive culture in support of the full participation of its diverse workforce. The CRC Program has identified four designated groups (FDGs): women and gender minorities; Indigenous Peoples; members of racialized minorities; and persons with disabilities. **To meet EDI targets as established by the CRC Program, the University of Alberta welcomes applications from all qualified persons who self-identify as a member of the following group: women and gender minorities.** Additional information about the specific actions set out by the University of Alberta for the CRC program can be found in the [University of Alberta CRC EDI Action Plan](#).

Tier 2 CRCs are intended for exceptional emerging researchers (i.e., candidates must have been an active researcher in their field for fewer than 10 years at the time of nomination). Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc.) may have their eligibility for a Tier 2 Chair assessed through the program's Tier 2 Justification Process. Please consult the University of Alberta CRC Coordinator, Glen Thomas (crcadmin@ualberta.ca) for more information. Full program information, including details on eligibility criteria, can be found on the Canada Research Chairs website: <http://www.chairs-chaires.gc.ca/home-accueil-eng.aspx> .

Please consult the Canada Research Chairs website for full program information, including further details on eligibility criteria: https://www.chairs-chaires.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx#s

The University of Alberta recognizes the legitimate impact that leaves (e.g., parental leave, leave due to illness) can have on a candidate's record of research achievement and that these leaves will be taken into careful consideration during the assessment process.

The successful applicant will be nominated for a Tier **2** Canada Research Chair. Nominations are subject to review by the CRC Secretariat, and appointment as a Canada Research Chair is conditional upon their approval. To apply, complete the steps below:

1. All applicants to this job posting are required to self-identify. You will be able to view and answer the survey by clicking the "Apply" button. For any questions or concerns, please contact equity@ualberta.ca.
 - NB: The University of Alberta must collect self-identification data from all applicants as part of its participation in the CRC Program. This data is used to ensure that the institution is progressing towards meeting its EDI targets as set by Ottawa.
2. Submit your CV along with a 3-page document in one file that includes the following elements:
 - A description of how you meet the following criteria for chairholders:
 - be excellent emerging world-class researchers who have demonstrated particular research creativity;
 - have demonstrated the potential to achieve international recognition in their fields in the next five to ten years;

- as chairholders, have the potential to attract, develop and retain excellent trainees, students and future researchers; and
 - is proposing an original, innovative and high-quality research program.
- A description of how your work aligns with the [University of Alberta's Strategic Plan for Research and Innovation](#). It should also outline your plans for your research program during the anticipated tenure of the chair.
 - A description of how best practices in HQP supervision will be enacted, including EDI considerations.

Applications should be submitted through the U of A Careers Website.

Questions about this competition should be sent to aelias@ualberta.ca.

Questions about CRC program can be sent to: crcadmin@ualberta.ca

Applicants who require an accessibility arrangement for their application, interview, and/or subsequent recruitment meetings can contact enghrsp@ualberta.ca to arrange appropriate accommodations.

Posted: February 3, 2025

How to Apply

Apply Online

Note: Online applications are accepted until midnight MST of the closing date.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit persons; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.



Careers

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> Tier 1 Canada Research Chair in Glycomics (Science)

Tier 1 Canada Research Chair in Glycomics (Science) Competition 2018

[Apply](#)**Department**

Faculty of Science - Deans Office

Posted date

February 18, 2025

Closing date

March 21, 2025

Position Type

Full Time

Description

This opportunity is open only to current Faculty members of the Faculty of Science of the University of Alberta. Recent hires with start dates of no later than May 1st, 2025, will be considered. The University of Alberta is committed to working for equity, diversity, inclusion, and access and to deepening and living out commitments to Indigenization and decolonization. The University of Alberta thus strives to remove barriers that some people in Canadian society and in postsecondary environments continue to experience and to build an accessible, equitable, and inclusive culture in support of the full participation of its diverse workforce. The CRC Program has identified four designated groups (FDGs): women and gender minorities; Indigenous Peoples; members of racialized minorities; and persons with disabilities. To support its commitments, the University of Alberta welcomes applications from all qualified persons who self-identify as a member of the following group: women and gender minorities. Additional

information about the specific actions set out by the University of Alberta for the CRC program can be found in the University of Alberta CRC EDI Action Plan. (<https://www.ualberta.ca/research/media-library/services/awards-funding/ualberta-equity-action-plan-resubmission-september-2019-2.pdf>).

The Canada Research Chairs (CRCs) were established by the Canadian Government to foster research excellence (<https://www.chairs-chaire.gc.ca/home-accueil-eng.aspx>). Tier 1 Chairs, tenable for seven years and renewable once, are for outstanding researchers acknowledged by their peers as world leaders in their fields.

Position Eligibility:

Applicants must hold a Ph.D. in an area of Glycomics in Science and be full professors or associate professors who expect to be promoted to full professor within one or two years of the nomination date. The successful candidate must have a documented, outstanding research record, leading an internationally-recognized research program that is aligned with the University of Alberta's Strategic Plan (<https://www.ualberta.ca/research-innovation/media-library/misc/ualberta-srp-2019-191129.pdf>). They should demonstrate an excellent record of publications in reputable, high-quality, high-impact, peer-reviewed journals and conferences. They should provide evidence of established teaching and trainee mentoring skills. They should have a demonstrated record of service at the departmental, institutional, national, and/or international levels. Ideally they should also have a record in participating or leading large-scale, potentially interdisciplinary, research initiatives.

CRC requirements: Please consult the University of Alberta CRC Coordinator, Glen Thomas (crcadmin@ualberta.ca) for more information. Full program information, including details on eligibility criteria and acceptable leaves, can be found on the Canada Research Chairs website: <http://www.chairs-chaire.gc.ca/home-accueil-eng.aspx>.

The University of Alberta recognizes the legitimate impact that life circumstances such as disability, leaves (e.g., parental leave, leave due to illness), and other family and community responsibilities can have on a candidate's record of research achievement. These life circumstances will be taken into careful consideration during the assessment process.

The successful applicant will be nominated for a Tier 1 Canada Research Chair. Nominations are subject to review by the CRC Secretariat, and appointment as a Canada Research Chair is conditional upon their approval.

To apply:

1. All applicants to this job posting are required to self-identify. You will be able to view and answer the survey by clicking the 'Apply' button. For any questions or concerns, please contact equity@ualberta.ca.
2. Submit a current CV, including a two page description of the proposed CRC Tier 1 research program. Please ensure that this two page document highlights the existing research strength of your program and how it might move forward if offered a CRC Chair. Please include EDI aspects in the discussion of your existing and planned research and ensure that your discussion is appropriate for both discipline specialists as well as others across the breadth of the Faculty of Science by clicking the 'Apply' button below by March 21, 2025.

Questions about this competition should be sent electronically to:

Lisa Stein, Associate Dean Research (Mentorship & Awards)
sciad.mentorshipandawards@ualberta.ca

Applicants who require an accessibility arrangement for their application, interview, and/or subsequent recruitment meetings can contact sci.researchadmin@ualberta.ca to arrange appropriate accommodations.

Posted: February 18, 2025

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit persons; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.

Apply

Note: This opportunity will be available until midnight March 21, 2025, Edmonton, Alberta local time.

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Careers

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> Tier 2 Canada Research Chair (CRC) in Cellular Agriculture

Tier 2 Canada Research Chair (CRC) in Cellular Agriculture

Competition 2150

[Apply](#)

Department

Faculty of Agricultural, Life and Environmental Sci - Renewable
Resources Dept

Hours per week

-

Posted date

March 26, 2025

Closing date

April 30, 2025

Position Type

Full Time

Description

This competition is restricted to faculty members holding tenure-track academic positions in the Faculty of Agriculture, Life and Environmental Sciences of the University of Alberta.

The University of Alberta is committed to working for equity, diversity, inclusion, and access and to deepening and living out commitments to Indigenization and decolonization. The University of Alberta thus strives to remove barriers that some people in Canadian society and in postsecondary environments continue to experience and to build an

accessible, equitable, and inclusive culture in support of the full participation of its diverse workforce. The CRC Program has identified four designated groups (FDGs): women and gender minorities; Indigenous Peoples; members of racialized minorities; and persons with disabilities. To support its commitments, the University of Alberta welcomes applications from all qualified persons who self-identify as a member of one of the following group: women and gender minorities. Additional information about the specific actions set out by the University of Alberta for the CRC program can be found in the University of Alberta CRC EDI Action Plan.

Job Description

We invite applications for a full-time, tenure-track Assistant Professor position in Cellular Agriculture.

Position Description

Cellular Agriculture is an exciting, emerging field in agriculture and food science, with an emphasis on tissue engineering, cell culture, precision fermentation, and bioprocessing technologies. The candidate's area of research is expected to focus on fundamental and applied aspects of cellular agriculture for cultivated meat production, including scaffold-based and scaffold-free tissue engineering approaches, cost-effective edible scaffold development, and bioprocess optimization. The candidate is expected to grow a strong and collaborative research program within the Food Science and Bioresource Technology Division in the Department of Agricultural, Food and Nutritional Science in the Faculty of Agricultural, Life and Environmental Science within the College of Natural and Applied Sciences. Previous industry experience in cultivated meat production is required, demonstrating familiarity with scaling up cell culture systems and food regulatory considerations, with the candidate expected to work effectively with new industries focused on cellular agriculture both in Alberta and across Canada.

Qualifications

The successful candidate must have a Ph.D. in Food Science and Technology, Agriculture and Biological Engineering, or a closely related discipline. The candidate will be expected to teach at all levels of the Nutrition and Food Science curriculum, from undergraduate to graduate level courses, contribute to curriculum development and academic

program planning, and to take on graduate supervision and other supervisory, service and administrative work. We are seeking an individual with an exemplary and proven record of emerging research accomplishments, a sound understanding of cell/tissue culture, media and scaffold development, bioprocessing, and risk assessment, and the ability to develop a vibrant and growing research program as someone who is acknowledged by peers as a potential leader in their discipline. The candidate will be well-versed in the emerging global cellular agriculture research ecosystem, and will have the vision and talent essential to lead a novel, complementary and collaborative research program that transcends institutional, disciplinary, and international boundaries. Demonstrated success in grant applications will be an asset.

Tier 2 CRC Eligibility

Tier 2 CRCs are intended for exceptional emerging scholars who have been active researchers in their field for fewer than 10 years at the time of nomination. Candidates beyond this timeframe but have experienced career interruptions, such as parental or extended sick leave, may have their eligibility assessed through the Tier 2 Justification Process. All candidates must meet the CRC eligibility criteria, and applicants are encouraged to consult the CRC Coordinator, Glen Thomas (crcadmin@ualberta.ca), for further details. Comprehensive program information, including specific eligibility requirements, can be found on the CRC website: <http://www.chairs-chaire.gc.ca/home-accueil-eng.aspx>.

The successful applicant will be nominated for a Tier 2 Canada Research Chair. Nominations are subject to review by the CRC Secretariat, and appointment as a Canada Research Chair is conditional upon their approval.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Other individuals will be considered if suitable Canadian citizens or permanent residents cannot be found.

Your application should include the following in one .PDF document:

- cover letter (max two pages) outlining how their research aligns with the position description
- curriculum vitae

- research statement (max three pages) detailing past research achievements and the proposed CRC Tier 2 program of research.
- one-page teaching philosophy statement describing their teaching experience and approach,
- contact information for three academic references (letters of reference will be requested from applicants selected for interviews),
- two-page statement on how they plan to incorporate Equity, Diversity, and Inclusivity (EDI) principles into their teaching, research, and service.

All applicants to this job posting are required to self-identify. You will be able to view and answer the survey by clicking the "Apply" button. For any questions or concerns, please contact equity@ualberta.ca.

Candidates should submit to the online portal by clicking the "Apply Online" button below by April 30, 2025.

Applications will be reviewed on or shortly after April 30, 2025. Only those applicants selected for interviews will be contacted. The application or questions about this competition should be sent electronically to the Chair of the Department of Agricultural, Food and Nutritional Science, Dr. Spencer Proctor, at proctor@ualberta.ca.

The University of Alberta recognizes the legitimate impact that life circumstances such as disability, leaves (e.g., parental leave, leave due to illness), and other family and community responsibilities can have on a candidate's record of research achievement. These life circumstances will be taken into careful consideration during the assessment process.

Applicants who require an accessibility arrangement for their application, interview, and/or subsequent recruitment meetings can contact (hrpales@ualberta.ca) to arrange appropriate accommodations.

Posted: March 26, 2025

At the University of Alberta, we are committed to creating an inclusive and accessible hiring process for all candidates. If you require accommodations to participate in the interview process, please let us know at the time of booking your interview and we will make every effort to accommodate your needs.

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit persons; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.

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Careers

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> Tier 2 Canada Research Chair (CRC) in Tree Ecophysiology

Tier 2 Canada Research Chair (CRC) in Tree Ecophysiology Competition 2149

Apply

Department

Faculty of Agricultural, Life and Environmental Sci - Renewable
Resources Dept

Hours per week

-

Posted date

March 26, 2025

Closing date

April 30, 2025

Position Type

Full Time

Description

This competition is restricted to faculty members holding tenure-track academic positions in the Faculty of Agriculture, Life and Environmental Sciences of the University of Alberta.

The University of Alberta is committed to working for equity, diversity, inclusion, and access and to deepening and living out commitments to Indigenization and decolonization. The University of Alberta thus strives to remove barriers that some people in Canadian society and in postsecondary environments continue to experience and to build an

accessible, equitable, and inclusive culture in support of the full participation of its diverse workforce. The CRC Program has identified four designated groups (FDGs): women and gender minorities; Indigenous Peoples; members of racialized minorities; and persons with disabilities. To support its commitments, the University of Alberta welcomes applications from all qualified persons who self-identify as a member of one of the following group: racialized minorities. Additional information about the specific actions set out by the University of Alberta for the CRC program can be found in the University of Alberta CRC EDI Action Plan.

Job Description

We invite applications for a full-time, tenure-track Assistant Professor position in Tree Ecophysiology.

Position Description

The successful candidate will develop an externally funded research program in tree ecophysiology, focusing on tree responses to climate extremes, stressors, silvicultural treatments, and land degradation. Their research will explore tree species interactions, physiological mechanisms, and ecosystem processes that enhance forest resilience under climate change, with a focus on tree diversity and ecosystem function under stress conditions like drought and excess light. The candidate will conduct interdisciplinary research, integrating plant physiology, ecological theory, and forest management, and develop techniques like hyperspectral imaging for large-scale forest health monitoring. Collaboration with remote sensing researchers, soil scientists, climate modellers, and foresters will be crucial for providing actionable insights for land managers and policymakers. The candidate will publish high-impact research, secure external funding, and contribute to advancements in tree ecophysiology. Teaching responsibilities include developing and delivering undergraduate and graduate courses in tree structure and function and tree ecophysiology, focusing on experiential learning. The candidate will mentor graduate students and postdoctoral researchers in an inclusive, collaborative research environment. Additionally, the candidate will engage in interdisciplinary collaborations addressing challenges such as drought, pest outbreaks, and land reclamation, and will contribute to service within the University and collaborate with government agencies, industry

partners, and Indigenous communities to advance sustainable forest management.

Qualifications

Candidates must hold a Ph.D. in tree physiology, tree ecophysiology, or a related field, with a strong research record in tree ecophysiology demonstrated through peer-reviewed publications and competitive funding. Expertise in field and laboratory techniques, including high-throughput phenotyping, molecular approaches, and hyperspectral remote sensing, is required. A minimum of three years of postdoctoral experience and the ability to secure extramural research funding are essential. The ideal candidate will have university-level teaching experience or strong potential for effective instruction, with a focus on pedagogical innovation, active learning, and field-based teaching. They should have experience mentoring graduate students in an inclusive, collaborative research environment and a commitment to equity, diversity, and inclusion in science. Strong potential for interdisciplinary collaboration on topics like climate change adaptation, forest resilience, and biodiversity conservation is also required. Experience working with forest managers, policymakers, and conservation practitioners to ensure research informs sustainable forest management will be considered an asset.

Tier 2 CRC Eligibility

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Applications will be reviewed on or shortly after April 30, 2025. Only those applicants selected for interviews will be contacted. The application or questions about this competition should be sent electronically to the Chair of the Department of Renewable Resources, Nadir Erbilgin, at erbilgin@ualberta.ca or 780-492-6722.

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