



BCIA BOARD D3

To whom it is concerned,

It is my absolute pleasure to write this cover letter for the Board Member nomination for D3. I am a registered Professional Agrologist, serving BCIA on the Credentials Committee, also a board member at large for BCIA Vancouver branch in year 2024. I am also a registered member of ACPBC, serving on the audit committee of ACPBC.

I am currently working as a Sr. Scientist in the Pharmaceutical & Nutraceutical industry for cannabinoids science involved product development. My past experience includes but not limited to the management position in research & development, and process management.

I am very interested in becoming a Board Member in D3 for BCIA, the experience I gained from being the Credential Committee member has prepared me and both Credential Committee and BCIA Vancouver branch helped me to feel ready to take the challenge as a Board Member.

I am not aware of any conflict of interest those are mentioned in the Conflict Interests Form.

Warm Regards,

Kyrie Zhang
PAg, PChem, CSSBB, MSc, MAgr

Kyrie Zhang

P.AG., P. CHEM., CSSBB, M.SC., M.AGR.

Summary

- 2 master's degrees, Master of Agriculture in Tea Science, Master of Science in Agricultural, Food, and Nutritional Science.
- 16 years of combined experience in the Food and Agricultural academics and Industry.
- 6 years' experience in a lead & management role.
- Certified Six Sigma Black Belt.
- Professional Agrologist (PAg) registered with the British Columbia Institute of Agrologist (BCIA), member of the Credentials Committee.
- Professional Chemist (P.Chem.) registered with the Association of Chemical Professionals of British Columbia (ACPBC), member of the Audit Committee.

Professional Designations

P.Ag., P. Chem., CSSBB

Aug 2023	Professional Chemist Designated by Association of Chemical Profession of British Columbia. Credential ID: 2021634
Jun 2022	Professional Agrologist Designated by British Columbia Institute of Agrologist. Credential ID: 3878
Apr 2022	Certified Six Sigma Black Belt The Council for Six Sigma Certification Credential ID cKoS7ZvUS1

Experience

My professional R&D and Management experience started as Extraction Manager, then Extraction Scientist, R&D Scientist, Continue Improvement Analyst, Science Plan Manager, Product Scientist (Manager), Sr. Scientist, etc..

2025-Present	<p>Sr. Scientist Fertin Pharma, the pharmaceutical sector of Philip Morris International, Surrey BC, Canada</p> <p>Urgent assigned early starting date to join the global meeting in Denmark.</p>
2024-2024	<p>Product Science Manager Centre of Excellent, British American Tobacco & Organigram Product Development Collaboration, Moncton NB, Canada</p> <p>Assign to the new role for the 'million dollars' project.</p> <ul style="list-style-type: none">• Analyze scientific/product trend, report to board of management on product scientific updates.• Led scientist groups for product development, alignment with regulatory governance.• Led development of cannabis product In Vitro Digestion model and gut permeability projects.• Scientific built of pharmacokinetics study preparation work.
2023-2024	<p>Science Plan Manager (British American Tobacco) Centre of Excellent, British American Tobacco & Organigram Product Development Collaboration, Moncton NB, Canada</p> <ul style="list-style-type: none">• Report to board of management on science plan updates.• Planned and organized scientific work for 4 development groups, 7 projects.• Technology transferred to the parent company for 4 product development projects.• Led planning and collaborated with QA, Compliance, Toxicology groups, for safety of the developed products.
2022-2022	<p>Product Innovation Consultant (Direct reports to President) Apothecary Botanicals, Port Coquitlam BC</p> <ul style="list-style-type: none">• Direct response to company shareholders.• Directive consulting on production continues improvement and product innovation.• Technology improvement, and 3rd party technology overview.
2020-2022	<p>R&D Scientist, Continues Improvement Analyst, Extraction Technologist Pure Sunfarms Inc, Delta BC</p>

Role transferred to fit in the company priorities launches and cost savings.

- Led and built the complete cannabinoids super critical CO2 extraction process.
- Led and built the vape filling process.
- Led CI project with cost saving for over 200,000\$ savings/year.
- Led product innovation R&D for premium brand, 3 categories, value brand 2 categories.

2018-2020

Extraction Manager, QA Manager
Benchmark Botanics Inc, Kelowna/Pitt Meadows BC

Role transferred for company urgent needs for Health Canada satisfaction responses.

- Renovated supercritical CO2 extraction process for cannabinoids.
- Led 11,000 sqf extraction facility technical built and process designs.
- Quality management for plant nursing, maturing, harvesting, drying, etc process.
- Governance work for Health Canada Cannabis Tracking and Reporting System tracking and management.

Education

2015-2017

Master of Science in Food, Agricultural and Nutritional Science
University of Alberta

2012-2015

Master of Agriculture in Tea Science
Northwest A&F University
Thesis: Cu²⁺ effect on Tea poly-phenol oxidase enzymatic oxidation synthesizing Thea-flavins with HPLC analysis

2008-2012

Bachelor of Agriculture in Tea Science
Huazhong Agricultural University

Professional Affiliations

2024-Present

Director (Vancouver Branch)
British Columbia Institute of Agrologist

2022-Present

Credential Committee Member
British Columbia Institute of Agrologist

2023-Present

Audit Committee Member
Association of Chemical Profession of British Columbia