

Liping (Lilian) Yu, MSc, PEng

Food Scientist

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Responsibilities:

- Developing and conducting industry-driven research and development projects, in the areas of food science disciplines, over a wide range of food commodities.
- Determining clients' needs and translates these needs into tangible development projects with associated financing and deliverables.

Professional and Technical Background:

- Completed many projects on snacks, beverages, dried products, meat products, fish oil products, MAP seafood, vegetables with extended shelf-life, sauces, syrups, toppings, spreads, etc. which involved work with fruits, vegetables, soy beans, butter, seafoods, pork, honey, vegetable oilseeds.
- Specialize in value-added process and product development, sensory evaluation, food packaging, unit operations, heat and mass transfers, process optimization, process scaling up and quality control. Sessional Lecturer in Department of Engineering, University of Prince Edward Island, Charlottetown, PE, Canada, teaching the course ENGN 252 entitled "Fundamentals of Process Engineering".

University Education:

- MSc, Biosystems Engineering, University of Manitoba, Winnipeg, MB Canada;
- MSc, Food Science & Technology, Jiangnan University (formerly, Wuxi Institute of Light Industry), Wuxi, P.R.China;
- BSc, Chemical Engineering, Tsinghua University, Beijing, P.R.China.

Previous Employment:

- Lecturer and Research Supervisor in Food Technology, Zhengzhou Institute of Light Industry, China;
- Graduate Student / Research Assistant, University of Manitoba/Agriculture & Agri-Food Canada, Summerland, BC, Canada;
- Food Process Engineer, Pacific Agri-Food Research Centre, Summerland, BC, Canada;
- Product Development Consultant, Food Development Centre, Portage la Prairie, MB, Canada.

Professional and Committee Memberships:

- Association of Professional Engineers of Prince Edward Island, professional member;
- Canadian Society for Bioengineering (CSBE), professional member;
- American Society of Agricultural & Biological Engineers (ASABE), professional member;
- Canadian Institute of Food Science & Technology (CIFST), professional member.

Languages:

- English, Chinese (Mandarin)