School of Biological Sciences Faculty of Science The University of Hong Kong

Food & Nutritional Science Major

Dr. Jetty C.Y. Lee

Head Curriculum Coordinator
Faculty, Academic & Course Selection Adviser for Food & Nutritional Science
Email: jettylee@hku.hk









Since 1991 First Food & Nutrition Programme Established in Hong Kong



HKU nutrition scientist releases first report on Salt Content in Common Packaged Food Categories in Hong Kong and new food app to help Hongkongers make healthier food choices

or 19th 2018



Microwave food is indeed healthy to overturn the idea of causing carcinogenic

By Lily Ng



Increasing efficiency of cereal straw for hinfuel production





HKU researchers generate tomatoes with enhanced antioxidant properties by genetic engineering





10 JAN 2019



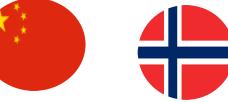
City lifestyle has been criticised for being an important reason for children being disconnected from nature. This has led to an unhealthy lifestyle in regards to active play and eating habits. Even worse, many young...





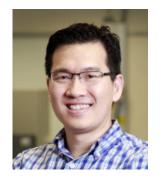








in Food & Nutritional Science **Major/Minor at HKU**







Dr. Hani El-Nezami



Dr. Olivier Habimana



Dr. Thomas Lam



Dr. Jetty Lee



Dr. Jimmy Louie



Prof. Nagendra Shah Dr. Tanja Sobko

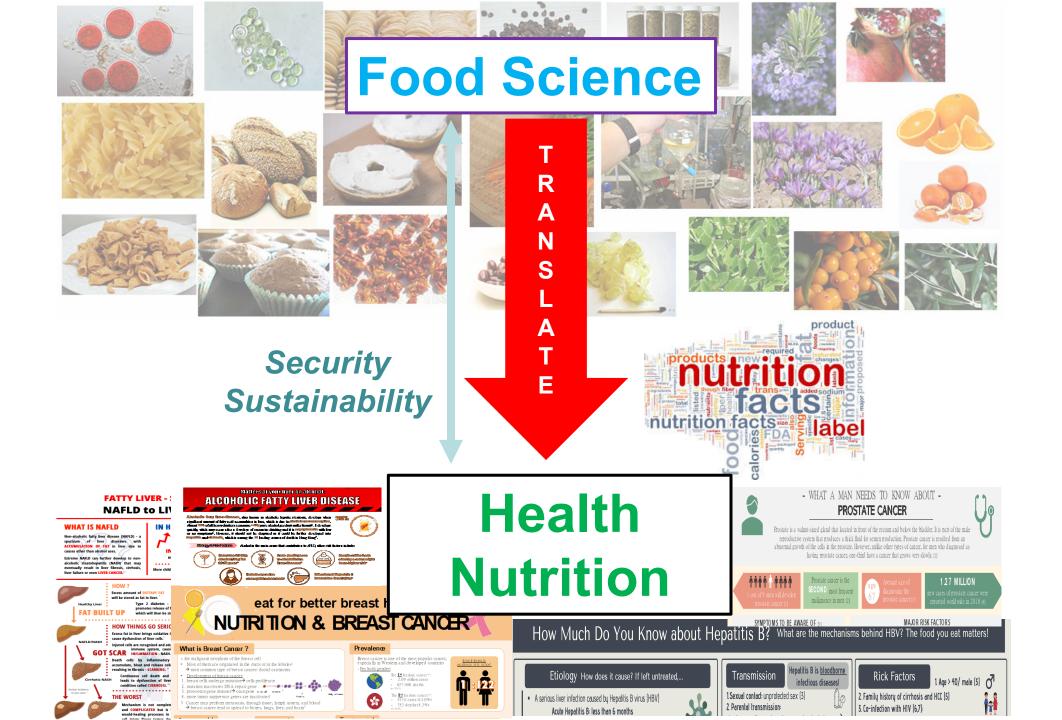




Dr. Mingfu Wang

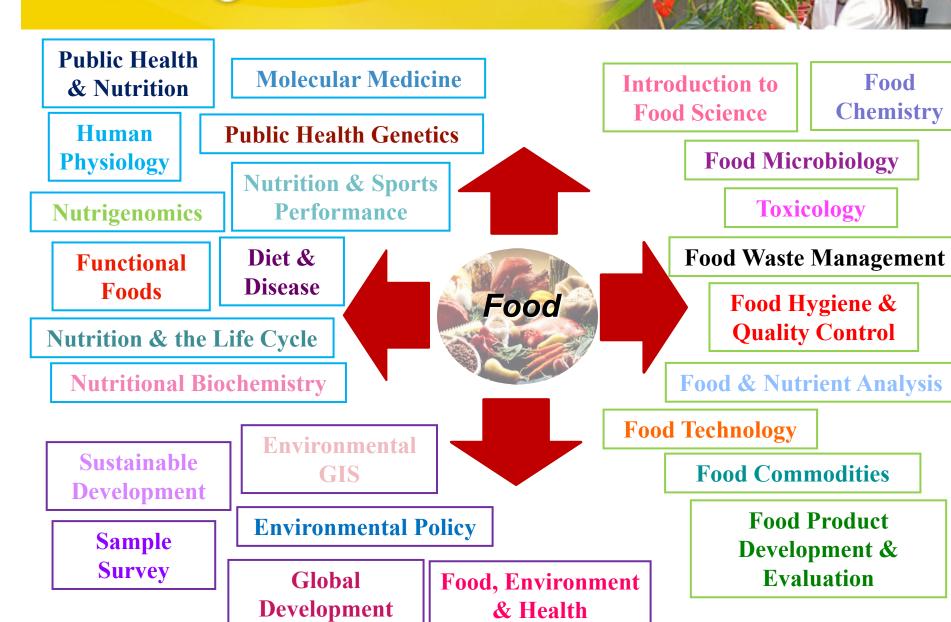


Dr. Lu Zhang



Teaching Courses

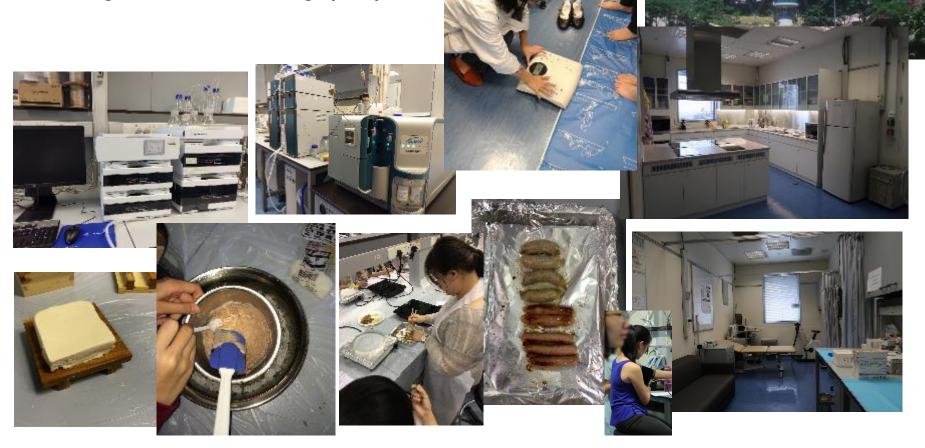
Courses in the Major



Food & Nutritional Science Lab

The Kadoorie Biological Sciences Building

- FNS Teaching Laboratory (1/F)
- Kitchen & Nutrition Room (5/F)
- Analytical Laboratory (5/F)





Project (Final year and directed studies)

 Internship (hospital, food companies, NGO, field course research)

Food Product Development & Evaluation



Jobs (Past Graduates)







































EATOLOGY









醫院管理局 HOSPITAL AUTHORITY







Jobs

- **Manufacturing**
- **Marketing**
- QA/QC
- R&D
- Marketing
- Logistics
- **Procurement**
- **Nutritionists**
- **Health Inspectors**
- **Clinical Trial Unit**
- **Hospital Laboratory Technicians**
- **Research Laboratory**
- e-Retail









Food and Health Bureau

The Government of the Hong Kong Special Administrative Region

- Food Services (e.g. hotels, restaurants, catering)
 - Spoonful











We Lead Students to a Career Path

Disciplinary core courses

6 Foundation courses

Disciplinary electives

 2 Courses (depends on Specialization)

Advanced Disciplinary electives

- Food microbiology
- Nutritional biochemistry







Advanced disciplinary electives

- Principles of toxicology
- Food hygiene and quality control
- Food technology
- Food waste management

Capstone

 Internship e.g. quality assurance, quality control

- Quality control/quality assurance
- Hygiene inspector
- Food safety
- HACCP auditor license

We Lead Students to a Career Path

Disciplinary core courses

6 Foundation courses

Disciplinary electives

 2 Courses (depends on Specialization)

Advanced Disciplinary electives

- Food microbiology
- Nutritional biochemistry



Advanced disciplinary electives

- Principles of toxicology
- Functional foods
- Food technology
- Food & nutrient analysis
- Sample survey methods

Capstone

 Food product development and evaluation

- Product development in industry
- Research and analytical laboratory e.g. centre of food safety, consumer council

We Lead Students to a Career Path Dietitian (HKUSPACE & Australia)

Disciplinary core courses

6 Foundation courses

Disciplinary electives

 2 Courses (depends on Specialization)

Advanced Disciplinary electives

- Food microbiology
- Nutritional biochemistry

Application (July-September for Australia)



Advanced disciplinary electives

- Nutrition and the life cycle
- Human physiology
- Molecular medicine
- Diet and disease
- Public health and nutrition

Additional courses (not in the curriculum)

3 Courses

Capstone

- Final Year Project
- Food and nutritional science internship e.g. public health, community nutrition, health company, hospital authority, NGO

We endorse your strength Specialization Certificate (issued by School of Biological Sciences)

Specialization areas:

- Nutrition and Public Health: help students to prepare for further studies or career related to dietetics, public health and/or nutrition.

 Indicates your strength as a nutritionist for a community.
- Food Security: interdisciplinary studies on global development related to food, environment, health and sustainability.

Indicates your strength as a potential advisor, stakeholders and/or contributor in global policy.



desirable to

What is possible (to the community) with technology?

INNOVATION

What is viable (nutrition & health) to the



Encourage Undergraduates to research: Innovation & Entrepreneurship















HKU develops "Prohep" that may offer potential therapeutic effects on liver cancer















SBS have undergraduates from local and international cities





Undergraduates of FNS Students: We CONNECT

