

LU JUNUYE

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EDUCATION

Macau University of Science and Technology (MUST)
Bachelor of Food and Nutritional Sciences
GPA: 3.61/4.0 (Top 10% of major)
Core Modules: Fundamental Nutrition, Introduction to Food and Nutritional Sciences, Immunology and Microbiology, Anatomy and Physiology, Organic Chemistry, Food Chemistry and Analysis, Clinical Nutrition, Food Research and Development, Food Processing Technology, Food Packaging Technology, Community Nutrition and Nutrition Policy

Macau, CN
09/2022-08/2026

INTERNSHIPS

Wincom Group
Intern, Medical Department

Shanghai, CN
06/2025-09/2025

- Adjusted energy- and high-protein-adapted meal plans using Excel formulas based on template models.
- Conducted quantitative market analysis of weight-loss foods and platforms, including the global GLP-1 receptor agonist market, using secondary research, data cross-validation, and CAGR modeling; analyzed market size, growth dynamics, competitive landscape, business models, medical evidence, and investment risks.
- Designed promotional materials for weight-loss platform exhibitions and created/optimized smart service solution PPTs for hospital weight management centers.

Qilu Hospital of Shandong University (Qingdao)
Intern, Health Management Center & Clinical Nutrition Department

Qingdao, CN
06/2024-08/2024

- Health Management Center:**
 - Collected and analyzed health assessment data, including height, weight, and BMI, and provided guidance to individuals with BMI > 24 on obesity risks and body composition testing.
 - Assisted in scheduling CT scans and escorted patients to designated rooms.
 - Learned bone density measurement techniques and assisted physicians with patient positioning and data entry.
 - Gained experience in carotid artery sclerosis detection and Doppler ultrasound, applying knowledge to assess fatty liver classification.
 - Compiled and analyzed health examination data for government departments, summarizing multiple common conditions and visualizing yearly trends and inter-department differences using statistical charts.
- Clinical Nutrition Department:**
 - Studied clinical nutrition literature and supported consultations with nutritionists.
 - Assisted in dietary interventions for patients, providing advice based on their health conditions and daily meals.
 - Distributed relevant dietary materials (e.g., for hyperuricemia and obesity) and reference meal plans.
 - Participated in diabetes consultations, explaining the Balanced Diet Pyramid and providing personalized dietary advice based on coexisting conditions.
 - Assisted in revising educational PPTs on nutrition and exercise guidelines for public health.

Honors: Outstanding Intern Award | Recommendation letter from Chief Physician of the Clinical Nutrition Department

ACADEMIC EXPERIENCE

Seasonal and Follow-Up Factors in Hypertensive Populations in China: A Cross-Sectional Study
Student Research Assistant, MUST

04/2025-07/2025

- Used AI tools to categorize blood pressure measurements by season and analyzed correlations between autumn/winter and spring/summer hypertension incidence.
- Employed Excel functions to calculate differences between baseline and first follow-up blood pressure values, and performed gender-based comparative analysis.
- Classified follow-ups by telephone, home visit, and outpatient visits; conducted annual statistical analysis of follow-up distribution and corresponding blood pressure measurements.

Traditional Chinese Medicinal Materials and Experimental Mouse Data Analysis
Student Research Assistant, State Key Laboratory of Quality Research in Chinese Medicines, MUST

03/2025-06/2025

- Analyzed rat plasma samples to identify and classify metabolic compounds using R programming.
- Determined peak positions and corresponding peak areas for each metabolite based on infrared spectroscopy and relative molecular mass.
- Compiled and tabulated average peak areas and retention times for each compound to identify consistent patterns and trends.

Medical and Public Health Program, The University of Hong Kong
Participant

07/2024-08/2024

- Attended courses by HKU School of Public Health, including Hong Kong Public Health System (Prof. Lin Daqing), Emerging Infectious Diseases and Response Measures (Prof. Zhu Huachen), and Community Health Management and Services (Prof. Zhu Weixing).
- Gained in-depth understanding of Hong Kong’s public health policies, disease prevention, chronic disease management, environmental health, and emergency response systems; engaged in critical discussions on public health challenges, resource allocation, and city development.
- Explored practical implications of “One Health” through team-led case studies on zoonotic diseases, fostering awareness of human-nature coexistence in public health strategies.
- Honors: Received recommendation letter for outstanding participation.

Nutrient Stability and Heat-Induced Release in Plant-Based Meat Analogues

Student Research Assistant, MUST LIU's Innovation and Technology Center

09/2023-09/2024

- Developed simplified plant-based meat products using various ingredients (black beans, sweet grass root, konjac powder, cashews, walnuts, MSG, etc.), optimizing production through iterative mixing and addition of konjac powder to achieve meat-like appearance; conducted sensory evaluation with graduate team to refine preparation process.
- Collaborated with graduate students to recruit and screen participants for sensory evaluation experiments, coordinating assessments of different product types and textures.
- Collected and managed sensory data (color, aroma, flavor, texture), performed statistical analysis, and visualized results using pie charts to provide improvement recommendations for product taste and texture.

EXTRACURRICULAR EXPERIENCE

Macau University of Science and Technology Association for Nutrition

Head of Academic Affairs

09/2024-Present

- Organized and planned nutrition and food science outreach activities; wrote articles and published posts on WeChat and the university's official accounts.
- Coordinated on-campus presentations during China Nutrition and Health Week, including designing promotional posters.
- Assisted in the organization of nutrition exhibitions.
- Conducted workshops on literature review, research paper search tools, and methodology sharing.

ProVeg International

Volunteer

09/2024-Present

- Conducted surveys on local consumer dietary preferences regarding taste and flavor, recording relevant data.
- Participated in market research on plant-based diets.
- Applied nutrition knowledge to promote plant-based diets and public education on social media platforms.

SKILLS

- **Languages:** Native Mandarin; Fluent English (TOEFL 96)
- **Computer Skills:** Skilled in EndNote for reference management; familiar with Web of Science and basic SPSS statistical analysis