日本語

日本栄養大学大学院
日本栄養大学
日本栄養大学短期大学部

Faculty Members

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KAGAWA, Masaharu

Institute of Nutrition Sciences
Professor

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ResearchGate

■ Teaching

Biology, Nutritional Physiology practical, Exercise prescription for healthy living practical, Nutritional background in English

■ Education

1. 1996/02～1998/12	Department of Nutrition and Food Sciences, School of Public Health,, Curtin University of Technology,, Graduated, BSc(Nutrition and Food Science)
2. 1999/01～2000/01	Department of Nutrition and Food Sciences,, School of Public Health,, Curtin University of Technology,, Graduated, Bachelor of Science (Honours)
3. 2000/02～2005/07	〔Doctoral course〕, School of Public Health,, Curtin University of Technology,, Completed, Doctor of Philosophy

■ Career

1. 2003/11～2011/03	Koriyama Institute of Health Sciences Adjunct Lecturer
2. 2005/02～2006/02	Curtin University of Technology School of Public Health Honorary Research Fellow
3. 2006/03～2010/01	Queensland University of Technology School of Human Movement Studies Postdoctoral Research Fellow
4. 2007/04～2015/03	National Insitute of Public Health Visiting Research Fellow
5. 2008/02～2008/12	Queensland University of Technology Oodgeroo Unit Tutor
6. 2008/02～2008/12	Queensland University of Technology School of Human Movement Studies Tutor
7. 2010/04～2014/03	Kagawa Nutrition University Institute of Nutrition Sciences Assistant Professor
8. 2010/09～2014/10	Curtin University School of Public Health University Associate
9. 2011/04～2018/03	Faculty of Judo Therapy
10. 2012/05～	Dietetics course
11. 2012/11～	Queensland University of Technology The Institute of Health and Biomedical Innovation (IHBI) Member
12. 2013/01～2015/12	Queensland University of Technology School of Exercise and Nutrition Sciences Visiting Fellow
13. 2014/01～2023/02	Mahidol University Faculty of Public Health Adjunct Professor
14. 2014/04～2025/03	Kagawa Nutrition University Institute of Nutrition Sciences Associate Professor

15.	2015/04～	Kagawa Nutrition University Institute of Nutrition Sciences Deputy Director
16.	2016/01～	Queensland University of Technology (QUT) School of Exercise and Nutrition Sciences Adjunct Associate Professor
17.	2020/02～	Curtin University School of Public Health (Current: School of Population Health) Visiting Associate Professor
18.	2021/01～2021/12	Universitas Airllangga Faculty of Public Health Adjunct Professor
19.	2022/01～2023/12	Universitas Airlangga Faculty of Public Health Adjunct Academic Fellow
20.	2024/03～	Auckland University of Technology Sports Performance Research Institute New Zealand (SPRINZ) Research Associate
21.	2025/04～	Kagawa Nutrition University Institute of Nutrition Sciences Professor

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■ Courses Previously Taught

1. Anatomy and Nutritional Physiology（Kagawa Nutrition University）
2. Anatomy and Physiology Practical（Hana College of Nutrition）
3. Anthropometry I（Koriyama Institute of Health Sciences）
4. Anthropometry II（Koriyama Institute of Health Sciences）
5. Biology（Kagawa Nutrition University）

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■ Research Interests/Keywords

Nutrition science and health science, Hygiene and public health: including laboratory approach, Morphology and anatomical structure, Morphology and anatomical structure, Morphology and anatomical structure, Sports sciences, Sports sciences, Hygiene and public health: including laboratory approach, Morphology and anatomical structure (Key Word : Kinanthropometry, Public Health/Health Sciences, Nutrition, Anthropometry/Body composition, Sports Sciences, Applied Health Sciences)

■ Qualifications

1.	2006/07/03	DXA operator (Queensland, Australia)
2.	2007/05/31	ISAK accredited Criterion Photoscopic Somatotype Rater Link
3.	2012/06	Registered Public Health Nutritionist (Nutrition Society of Australia [NSA])
4.	2017/03/18	Certificate of completion for the Level 2 (Advanced) training course on ultrasound measurement of subcutaneous adipose tissue accredited by the International Association of Sciences in Medicine and Sports (IASMS) Link
5.	2019/07/21	ISAK anthropometrist Level 4 (Criterion) Link
6.	2025/10/11	DoFoodSafety Certificate#01271005 Link

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■ Publications

1.	Book/Book Chapter	Section 2. Theory on Sports Nutrition Management and Assessment, Chapter 5. Anthropometry (Collaboration) 2026
2.	Book/Book Chapter	The origin of life, evolution, and diversity (Collaboration) 2026
3.	Book/Book Chapter	Current situation of anthropometry in Japan - Has your height been measured accurately? (Single) 2024
4.	Book/Book Chapter	Chapter Three. Physique assessment of the athletes (Collaboration) 2023 Link
5.	Book/Book Chapter	Consideration of an appropriate weight (Single) 2021

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■ Grants

1. 2006/04～2008/03	Frontal lobe activities of observers watching own self-image altering from thin to obese in cycle (Key Word : Body image, Frontal lobe activity)
2. 2006/12～2006/12	Current practices and considerations in screening for childhood obesity in the Asia-Pacific region: Anthropometric perspectives (Key Word : Childhood obesity, Screening, The Asia-Pacific region, Anthropometry)
3. 2008	A comparison of body image perceptions amongst Japanese and Australian young men and women (Key Word : Body image, Japanese, Australian, Ethnic differences)
4. 2008/11～2008/11	Ethnic differences in morphology and fat distribution in Australian Caucasian and Indigenous children (Key Word : Indigenous, Children, Body composition, Fat distribution, Ethnic differences)
5. 2008/11～2009/12	How effective is Nintendo's Wii Fit for facilitating participation in, and positive attitudes towards, well-being and physical activity? (Key Word : Wii Fit, Game, Fitness, Obesity, Adults)
6. 2009/01～2009/12	Influence of posture on body fat estimation in males: comparison with the 4-compartment model
7. 2010/04～2012/03	Verification of influential factors of body image in Japanese young females and modification effect of health promotion (Key Word : Body image, Young adult females, Health promotion)
8. 2010/06～2011/03	Body image-related basement study on adult Japanese females: Relationships between social and environmental factors and a risk of developing psychiatric health problems (Key Word : Body image, Young adult females, Environmental factors, Psychiatric diseases)
9. 2010/12～2013/12	Body conceptualisations of dance and fashion university students
10. 2011/06～2012/03	Influence of genetic polymorphisms on body image (body satisfaction) among female university students
11. 2012/06～2013/03	Investigation on the effect on performance through nutrition intervention among F league futsal team (Key Word : Futsal, Nutritional support, Performance)
12. 2013/04～2014/03	Development of body image evaluation/health education software for lifestyle modification (Key Word : Body image, Behaviour modification, educational software)
13. 2014/01～2014/12	Investigating the relationships between body composition, genotype, and mental health to better assess disease risk in young New Zealand women (Key Word : Body composition, Genotype, New Zealand, Females)
14. 2014/04～2015/03	Development of body image evaluation/health education software for lifestyle modification (Key Word : Body image, Behaviour modification, educational software)
15. 2015/04～2019/03	A comprehensive study on factors that influence body dissatisfaction of females: From a comparison of Japan and Malaysia (Key Word : Body image, Body dissatisfaction, Comprehensive evaluation, Malaysia, Ethnic differences)
16. 2015/04～2016/03	Continuation and further enhanced education for low-skilled students and beginners, such as pre-enrollment education through step-by-step program version upgrades (Key Word : Step-by-Step Life Science, First year education, Online education)
17. 2015/07～	Multi-omics evaluation of immune and gut environment for health management in space environment
18. 2016/04～2019/03	Application of dietary assessment method using auto-diagnosis of images to Japanese diet (Key Word : Dietary assessment, Image diagnosis, Japanese diet)
19. 2016/04～2020/03	Support on physique build based on diet for a purpose of injury prevention for high school rugby players
20. 2017/10～	Construction and international comparison of a common risk factor model for obesity and eating disorders for young adults (Key Word : Obesity, Eating disorders, Model construction, International comparison)
21. 2017/10～2022/03	Development of educational program for early screening and prevention of "female athlete triad" (Key Word : Female athlete triad, Educational program)
22. 2018/06～2020	Influence of nutritional management on body composition of college basketball players (Key Word : Basketball players, Nutritional management, Body composition)
23. 2019/07～2022	Physical characteristics, eating behaviour, and eating environment among Japanese athletes (Key Word : Sports nutrition, Anthropometry, Eating behaviour questionnaire, Association project)

24. 2019/09～	Investigation on physical characteristics, lifestyle and performance of soccer players of different playing levels (Key Word : Soccer players, Anthropometry, Lifestyle, Performance)
25. 2019/11～	Investigation on physical characteristics, lifestyle and performance of high school baseball players (Key Word : High school baseball, Anthropometry, Lifestyle, Performance)
26. 2020/09～	Basic research on development of physique references for rugby players aiming for Japan national team and a promotion of assessment method - Using the ISAK protocol (Key Word : Rugby players, Anthropometry, Physique reference, ISAK)
27. 2020/09～	Understanding on breastfeeding practice during COVID-19 pandemic (Key Word : COVID-19, Breastfeeding practice)
28. 2020/11～	Investigation on differences in measurement values using different skinfold calipers on young Japanese females (Key Word : Anthropometry, Skinfold caliper, Japanese females, Measurement error)
29. 2021/05～	Investigation on influences of different amount of ice slurry consumptions on performance and core temperature among high school long distance runners (Key Word : Ice slurry, High school long distance runners, Performance, Core temperature)
30. 2022/06～	A cross-cultural comparison between Malaysia and Japan on acceptance of insects as food (Key Word : Cross-ethnic, Edible insect, Malaysia, Japan)

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■ Memberships

1. 1998～	International Society for the Advancement of Kinanthropometry (ISAK) Link
2. 1998～	Nutrition Society of Australia (NSA) Link
3. 2002～	Sports Medicine Australia (SMA) Link
4. 2005～	Japan Society of Physiological Anthropology (JSPA) Link
5. 2025/04～	∟ Delegate
6. 2008～	Australia and New Zealand Obesity Society (ANZOS) Link
7. 2010～2017	The Japanese Association of School Health (JASH) Link
8. 2010～2023	The Japanese Society of Nutrition and Dietetics (JSND) Link
9. 2012～2020	Japan Society for the Study of Obesity (JASSO) Link
10. 2012～	Japan Society of Human Growth and Development Link
11. 2014～	Japan Sports Nutrition Association (JSNA) Link
12. 2014～	∟ A member of International Exchange Committee
13. 2018～	∟ A council member
14. 2021/09～	∟ A board member
15. 2021/09～	∟ The Chairman of the International Exchange Committee
16. 2015～2022	Japanese Association of Yogo Teacher Education Link
17. 2016～	Japanese Working Group for Kinanthropometry (JWGK) Link
18. 2023～	Professionals in Nutrition for Exercise and Sport (PINES) Link
19. 2023～2025	∟ Global Representative (Japan)
20. 2025～	∟ Regional Coordinator (Asia Pacific)
21. 2025～	∟ Regional Representative (Japan)
22. 2026～	∟ Board of Directors (Membership Officer)

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■ Prizes,Honors,and Awards

1. 2011/06 Asia Pacific Conference of Clinical Nutrition (APCCN) Young Investigator Award
2. 2014/06 Certificate of Excellence in Reviewing (2013) Link
3. 2016/08 Certificate of Outstanding Contribution in Reviewing
4. 2018/05 Outstanding Presentation Award (Poster)
5. 2019/10 2019 Best Poster Award (3rd Prize)
6. 2019/11 Excellent Oral Presentation Award

7. 2021/11 2021 Best Poster Presentation Award (1st Prize)

8. 2022/09 Second place, Best virtual poster presentation

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