

FY2026 Research Supervisors & Fields of Research Supervision

Master's Program in physical education, health and Sport Studies

Description of Research Supervisors		
★★	Research Supervisor	Able to supervise research
★	Assistant Research Supervisor	Able to supervise research along with a Research Supervisor

Faculty Search (University Website Faculty Information Database)		Researcher Search (Japan Science and Technology Agency)	
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■ Degree Program in Science of Physical Education, Health, and Sport

/ Degree Program in Physical Education, Health, and Sport Studies(by course)

(Course in Physical Education, Sport, Culture, and Social Sciences) - 1

Faculty Member Name	Fields of Research Supervision
★★ Professor ISHII Takanori Doctor (Sociology)	Fields of Research: Social science, integrated humanities and social sciences
	Research Keywords: Sports anthropology, ethnic sports, traditional sports, Southeast Asia, Myanmar, Chinlone, continuation of tradition, scientific anthropology
	Sports anthropology Sports anthropology is an academic field in which research is undertaken through elaborate fieldwork involving, among other things, participant observation of sport-like activities performed in a wide variety of societies all over the planet. The research fields span a broad range, and the specific examples listed below form just a few. (1) Research into people who undertake sports activities <ul style="list-style-type: none"> • Techniques of the body research • Life history research • Ethnoscience research, etc. (2) Research into people and organizations that support sports activities <ul style="list-style-type: none"> • Research into sports organizations and social organizations • Networks research • Sports equipment research, etc. (3) Research into sport as tourism (4) Research into sport development and support (5) Research into colonialism and sport culture (6) The anthropology of sports science, etc.
★★ Professor OGI Kozo Master (Physical Education)	Fields of Research: Sports history
	Research Keywords: Sports history, physical education history, sports geography
	“Sports history” (1) General research fields (general history) “Overview of sports history”, “global sports history”, “sports history by era”, “sports history by region”, etc. (2) Individual research fields (unique history) “History of sports events”, “history of sports ideology and figures”, “history of sports education”, “history of the sports industry”, “history of forms of sport”, “history of sports theory”, “history of sports facilities and equipment”, “history of sports technology”, etc.
★★ Associate Professor SANO Masayuki Doctor (Health and Sport Science)	Fields of Research: Social science in sport
	Research Keywords: Sport management studies, Sport management, Sports business
	From the perspective of sport culture, we study the sport management, sports business as well as the concept and history of theories of sport management studies. The scope of students' research may cover “management of sports (business)” by various entities such as the following. <ul style="list-style-type: none"> • Regional sports clubs • Sports facilities • Professional sports clubs • Professional athletes • Sports events • Sports organizations (including athletic organizations and promotion of sports) • Sports-related companies • University sports, etc.

(Course in Physical Education, Sport, Culture, and Social Sciences) - 2

Faculty Member Name	Fields of Research Supervision
<p>★★ Professor SEKINE Masami Doctor (Health and Sport Science)</p>	<p>Fields of Research: Physical education/sport philosophy</p> <p>Research Keywords: Physical education/sport philosophy</p> <p>Sport philosophy, Philosophy of physical education , Sport ethics (1) Olympic philosophy (2) Sport and existential philosophy (3) Sports and violence (4) Sport aesthetics and dance theory (5) Doping and fair play (6) Scientific technology and sports, etc.</p>
<p>★★ Professor HATAKOSHI Katsuaki Doctor (Health and Sport Science)</p>	<p>Fields of Research: Sports philosophy, physical education philosophy, sports ethics</p> <p>Research Keywords: Physical education/sports ideology and philosophy, sports and communities</p> <p>We undertake research into the formation of communities in physical education and sports. Research into German sports clubs, research into sports culture, sport and popularization theory, sport and violence, Olympic ideology, and German gymnastics and sport ideology, etc.</p>
<p>★ Associate Professor FUKUI gen Master (Physical Education)</p>	<p>Fields of Research: Sports History</p> <p>Research Keywords: Historical study on the sports techniques and tactics, Historical study on the sports facilities and equipment, Historical study on the Baseball</p> <p>My research focuses on the historical development of sports techniques and tactics, particularly how changes in equipment and facilities have influenced rules, skills, and strategic approaches. By analyzing historical sources such as game scores—materials that can often only be interpreted by those deeply familiar with the sport—I explore the field known as the history of sports techniques.</p> <p>In addition, I am also interested in a wide range of baseball-related topics and biographical studies of individuals involved in sports.</p>
<p>★★ Professor YAMAGUCHI Kazuyuki Doctor (Linguistics)</p>	<p>Fields of Research: Cognitive Science, Linguistics, English Linguistics, Foreign Language Education</p> <p>Research Keywords: Cognitive Linguistics, Language and Cognition, Typology, Semantic Change in Language</p> <p>I have been conducting research on the relationship between language, cognition, and human experience. My field of study is cognitive linguistics, which is a subfield of cognitive science. Specifically, my research focuses on semantic change in language, metaphor, and how general cognitive abilities and human experiences are reflected in language and meaning structures.</p>
<p>★★ Professor YODA Mitsuyo Doctor (Sports Health Science)</p>	<p>Fields of Research: Physical education/sports sociology</p> <p>Research Keywords: Physical education/sports sociology</p> <p>Sports sociology Sports sociology is the study of the relationship between sport and society. It is also including research aimed at clarifying the sociological phenomenon of sport and solving problems that occur therein. The research fields span a broad range, and the specific examples listed below form just a few. (1) Sports sociology content and methodology (2) Sport and drugs (3) Sport and violence (4) Social norms and sport (5) Sport and politics (6) Sport and economics (7) Sport and the environment (8) Sport and mass media (9) Fusion of academia and society (10) Sport volunteering (11) Sports informatics (12) Community sports, etc.</p>
<p>★★ Associate Professor Ling Sze Nancy LEUNG Doctor (International Relations)</p>	<p>Fields of Research: Sociology, International Relations</p> <p>Research Keywords: Fertility Decline and Population Aging, International Relations, Regional Development, Healthy Aging</p> <p>I provide research supervision from an international comparative perspective on how structural changes—such as fertility decline, population aging, population mobility, and urban development—impact body culture and health policy. In particular, I focus on the role of physical activity, including sports, within infrastructure development projects under initiatives such as the Belt and Road Initiative and the Asian Infrastructure Investment Bank (AIIB). This includes the establishment of educational institutions and the positioning of physical activity as a means of social integration and soft power strategy in local communities. Additionally, I address issues related to healthy aging, particularly the promotion of physical activity among the elderly and policies supporting their health. My primary area of supervision explores the transformations and possibilities surrounding body, sport, and health within the contexts of social policy, international relations, and regional development.</p>

(Course in Sport Management)

Faculty Member Name	Fields of Research Supervision
<p>★★ Professor SAITO Takashi Master (Physical Education)</p>	<p>Fields of Research: Sport management</p> <p>Research Keywords: Watching sports, facility management, event management</p> <p>Sport management (1) Research into Spectator (sport content produce, viewing services, professional sport management) (2) Sport facilities management (stadium and arena management, commercial sport facilities) (3) Sport marketing (sport consumer behavior, sport products, branding), etc.</p>
<p>★★ Professor SAITO Yoshinobu Doctor (Health Management)</p>	<p>Fields of Research: Sport and physical activity epidemiology, health promotion, health and sport management</p> <p>Research Keywords: Physical activity, epidemiology, public health, health promotion, health behavior theory, ecological models, systems approach, dissemination and implementation science</p> <p>We study "Health and Sport Management" to plan, practice, evaluate and improve health promotion through sport and physical activity, and to disseminate and implement it in society. The main research themes are as follows. (1) Epidemiological research on safe and effective sport and physical activity. (2) Research on the promotion and dissemination of sport and physical activity from the perspective of public health and health promotion.</p>
<p>★★ Associate Professor SANO Masayuki Doctor (Health and Sport Science)</p>	<p>Fields of Research: Social science in sport</p> <p>Research Keywords: Sports management, sports marketing</p> <p>We research management and marketing for the wide range of entities below, using quantitative and qualitative surveys. • Sports events • University sports • Sports groups • Sports consumers (players/athletes, audiences, managers, staff, volunteers, etc.)</p>
<p>★★ Professor HIBINO Mikio Doctor (Health and Sport Science)</p>	<p>Fields of Research: Sport policy studies, Sport administration studies, Sport management</p> <p>Research Keywords: Sport policy, Sport administration, Sport management</p> <p>Sport policy studies, Sport management Main fields of research supervision (1) Elite sport (2) Promoting participation in sport (3) Anti-doping (4) Sport industry (5) Regional sport (6) International sport (7) Disability sport (8) Olympic (9) Sport governance (10) Sport organisations, etc.</p>
<p>★★ Professor YOKOTA Masatoshi Master (Education)</p>	<p>Fields of Research: Sports management</p> <p>Research Keywords: Regional revitalization, urban planning, regional economic circulation, economic effects, sports industry, sports business</p> <p>The main fields of research are as set out below. (1) Research into urban planning leveraging sports and regional revitalization: We research how to proceed with urban planning and regional revitalization leveraging the sports resources of the relevant region. (2) Research into sports industry and sports business: We study the structure and business models of the sports industry and sports business after analyzing social and market trends, people's intentionality, policy trends, and other factors.</p>

(Course in Training Sciences) - 1

Faculty Member Name	Fields of Research Supervision
<p>★★ Associate Professor IKEDA Yusuke Doctor (Sports Medicine)</p>	<p>Fields of Research: Training science, sports biomechanisms</p> <p>Research Keywords: Training science, athletic performance improvement, kinematics, kinetics, performance analysis, resistance training</p> <p>Improvement in sports performance requires strategic improvement of elements required for the relevant sport through training based on an identification of the unique characteristics of the sport. In this laboratory, we leverage research methods for sports biomechanisms and exercise physiology to analyze the skills and physical strength elements required for sport, and work on the development of effective training methods based on the obtained knowledge.</p> <p>The main research themes are as follows.</p> <p>(1) Development of training methods for improved pedaling power in bicycle racing: This theme involves researching effective pedaling skills and making proposals for training methods that will deliver increased power. (2) Effect of joint torque and power of lower limbs on jumping motion: This theme involves analyzing the role of joint torque and power in jumping motion, and coaching the training to improve performance. (3) Research into start motion in swimming competitions: This theme involves aiming to identify optimum motion patterns and training methods, with the goal of improving starting motion techniques. (4) Development of effective resistance training methods: This theme involves developing effective methods for resistance training with the aim of enhancing muscle strength and improving performance. The aim of these research above are to contribute to improvement of athletes' performance.</p>
<p>★★ Professor OISHI Kenji Doctor (Health and Sport Science)</p>	<p>Fields of Research: Epidemiology (exercise epidemiology), sports performance analysis</p> <p>Research Keywords: Epidemiology (exercise epidemiology), children, infants, family environment, social environment, lifestyle habits, exercise habits, physical fitness, athletic ability, health, physical activity quantity, physical activity intensity, sports performance analysis, game performance analysis, sports analytics, tactics, strategy, statistics, probability theory, evaluation field (measurement) investigation and development, examination and development of analytical methods</p> <p>The main research themes are "sports/game performance analysis" and "epidemiology research focusing on children (mainly infants)". Both areas of research use numerical data and are based on statistics and probability theory.</p> <p>(1) "Sports/game performance analysis" The availability of biometric wearable devices and small video cameras has made it possible to easily quantify sports performance, such as passing and shooting, as well as the movement (distance and speed) and heart rate data of individual athletes. As such, this research theme involves the quantification of sports using GPS data and image data, investigation into figures that are related to winning and losing, and the prediction of future games. We then consider the content (and issues faced) of training for the relevant team based on the results of this research. There are currently no restrictions on the type of sports that can be covered in the research, but mainly focus on soccer, handball, volleyball, and other such ball games.</p> <p>(2) "Epidemiology research focusing on children (mainly infants)" We research the relationship between children's physical fitness, athletic ability or health status and their lifestyle habits and living environment. Specifically, with outcomes taking the form of records of activities including 25m running, broad jump, and tennis ball throwing, like/dislike of exercise, and the frequency with which young children catch colds or get injured, research uses epidemiological methods to examine the relationship between family environment (family composition, type of housing, etc.), lifestyle habits (waking time, learning activities, etc.), institutional environment (daycare centers, kindergartens, schools, etc.), and region (urban areas, rural areas, etc.). Another theme of our research is quantification of the physical activity intensity and quantity in the daily life of children. Currently, we're conducting the research involves ongoing measurement with the degree of change (ratio) in physical strength and athletic ability as outcomes. Based on these research results, we will consider measures for improving the physical fitness and athletic ability of children, who are at risk of being polarized.</p>
<p>★★ Associate Professor OTSUKA Mitsuo Doctor (Sports Science)</p>	<p>Fields of Research: Sports biomechanisms</p> <p>Research Keywords: Kinematics, kinetics, athletic performance improvement, motor skills</p> <p>Using a scientific approach, we aim to improve athletes' athletic performance and exercise beginners' motor skill. Currently, research focuses mainly on the two themes below.</p> <p>(1) Measurement and evaluation of lateral and longitudinal sports movements using advanced devices (including optical high-speed cameras, ground reaction force gauges, and inertial sensors) (2) Development of methods to measure and evaluate motor skills using popularized devices (smartphones, smartwatches, etc.)</p> <p>Measurements are made in a range of places, from the field to the laboratory, and a wide-ranging analysis of exercise performance is undertaken that encompasses athletes who achieve victory at international events to kids who don't like exercise. While leveraging a network of research institutions around the world, the aim of this research is to contribute to sports science and society without being held back by precedent.</p>

(Course in Training Sciences) - 2

Faculty Member Name	Fields of Research Supervision
<p>★★ Professor OKAMOTO Takanobu Doctor (Human Science)</p>	<p>Fields of Research: Exercise physiology, sports physiology</p> <p>Research Keywords: Sports performance, conditioning, training, athletic performance improvement, recovery</p> <p>Based on exercise and sports physiology, we conduct practical research that contributes to the development of effective exercise training methods and the improvement of athletes' performance and conditioning. We aim to use science to answer questions in the field of sports and to feed the results back into training and conditioning. The main research themes are as follows.</p> <p>(1) Development of conditioning methods using cardiovascular function as an indicator (2) The effect of timing of exercise, nutrition, and rest on sports performance (3) Examination of polyphenol intake methods to enhance training effectiveness (4) Development of effective loading methods for functional foods (creatine, glycogen, etc.) to improve performance (5) Establishment of strategic recovery methods</p>
<p>★ Professor KAJI Noriko Doctor (Health and Medicine)</p>	<p>Fields of Research: Athletic training</p> <p>Research Keywords: Athletic training, conditioning, sports injuries and trauma, American football</p> <p>We undertake research on improving athletes' performance and preventing injuries, as well as research on safety management and safe and secure athletic activities at sports venues.</p> <p>(1) Identification of the characteristics of sports injuries and investigations into preventive measures based on these characteristics (2) Investigation into training methods for injury prevention and performance improvement (3) Investigation into safe and secure implementation of athletic activities</p>
<p>★★ Professor KIKUCHI Naoki Doctor (Health and Sport Science)</p>	<p>Fields of Research: Training science, sports genetics</p> <p>Research Keywords: Strength & conditioning, genetic polymorphisms, muscle strength, power, athletic performance, training</p> <p>We conduct research related to the genetic characteristics of athletes and research related to strength and conditioning. By making clear individual differences in physical response to training and risk for injury, our goal is to establish individualized training and conditioning methods. In addition, we're working to put together a consortium to undertake international joint research on the effects of genetic characteristics on athletes' performance and the training effectiveness.</p>
<p>★ Associate Professor KONO Tokuyoshi Athletic Training M.S.</p>	<p>Fields of Research: Athletic training</p> <p>Research Keywords: Athletic training, conditioning, prevention of sports injuries and trauma</p> <p>Athletic training, an academic and professional domain of the athletic trainer, is a comprehensive field of research that encompasses the fields related to athlete conditioning, such as training, sports physiology, biomechanics, sports psychology, athletic rehabilitation, and prevention of sports injuries and trauma. As such, core research is based on each individual field and relates to the improvement of athletic performance.</p>
<p>★★ Professor SUGITA Masaaki Doctor (Science)</p>	<p>Fields of Research: Training science, physical fitness science</p> <p>Research Keywords: Athletic performance improvement, training science, physical fitness science, conditioning, performance analysis</p> <p>We undertake practical sports science research for training and conditioning to enhance athletic performance.</p> <p>(1) Research on the improvement of athletic performance and scientific support for competitive athletes using sports science methods (2) Research into conditioning for competitive athletes (3) Research into training methods (including high-altitude training and hypoxic training) from a physical fitness science perspective (4) Research into analysis of the performance of competitive athletes</p>
<p>★★ Professor SUNAGA Mikako Doctor (Medicine)</p>	<p>Fields of Research: Exercise physiology, training science</p> <p>Research Keywords: Menstrual cycle, female athletes, conditioning, gender differences, energy metabolism (carbohydrat metabolism, lipid metabolism, amino acid metabolism)</p> <p>Building a strategic training program and developing conditioning plan are required when it comes to improving performance while maintaining a healthy body. In this laboratory, we use exercise physiology techniques to analyze the effects of different conditions including training and nutritional intake on exercise performance and training effectiveness in human subjects, and conduct research with the aim of feeding our results back so that they may leveraged on the front line of sports.</p> <p>With a particular focus on the impact of gender differences and menstrual cycle, we undertake the following types of research.</p> <p>(1) Development of conditioning methods that take the menstrual cycle into account (2) Investigation into training programs that take female morphological and physiological traits into account (3) Research into prevention and improvements related to the "Female Athlete Triad"</p>

(Course in Training Sciences) - 3

Faculty Member Name	Fields of Research Supervision
<p>★★ Associate Professor TAKAI Hideaki Doctor (Health and Sport Science)</p>	<p>Fields of Research: Sports psychology</p> <p>Research Keywords: Competitive sport, athletes, stress, information processing process, cardiac autonomic activity</p> <p>We're working on foundational research into sports psychology, and undertaking investigatory work focusing on the flow of information processing and cardiac autonomic activity associated with human physical activity. In particular, our research focuses on clarifying the psychological and physiological responses of athletes under stressful conditions in competitive sports.</p>
<p>★★ Professor NISHIYAMA Tetsunari Doctor (Medicine)</p>	<p>Fields of Research: Training science, biomechanisms</p> <p>Research Keywords: Performance enhancement, biomechanics, physiology, technical and fitness assessment, scientific support, bicycle racing</p> <p>(1) We take on research concerning skills and physical strength evaluation and the related training and coaching methods for the purpose of improving sports performance. (2) In the scope of research is foundational and practical research that is useful for scientific support and guidance based on biomechanics and physiology methods. (3) We work to develop the sensibility required for general coordination of performance improvement from the perspective of sports medicine for groups or individuals to be coached or supported.</p>
<p>★★ Professor HWANG Inkwan Doctor (Health and Sport Science)</p>	<p>Fields of Research: Training science, physical fitness, exercise prescription</p> <p>Research Keywords: Training science, athletic performance improvement support, exercise prescription and exercise therapy, advancing age and aging, sport genes</p> <p>The keywords of our research are (1) influence of physical fitness on athletes' performance improvement (2) physical fitness for the purpose of preventing nursing of care for the elderly (3) relationship between children's growth and development and physical fitness. We undertake surveys, measurements, and evaluations that focus mainly on these areas, and investigate the issues faced and measures for improvement.</p>
<p>★★ Professor MIMURA satoru Doctor (Psychology)</p>	<p>Fields of Research: Sport Psychology, Clinical Sport Psychology, Experimental Psychology</p> <p>Research Keywords: Psychological Interventions for Athletes, Autogenic Training, Hypnosis Techniques, Psychophysiological Indicators, Ego-gram</p> <p>My research applies psychological approaches to phenomena that occur in athletic settings. The main areas of focus include: 1. Psychological support for athletes and coaching staff 2. Effects and characteristics of relaxation techniques 3. Examination of psychophysiological and physiological indicators Through these studies, I aim to develop evidence-based psychological strategies that enhance mental well-being and performance in the field of sports.</p>

(Course in Health and Sport Medical Sciences) -1

Faculty Member Name	Fields of Research Supervision
<p>★★ Professor OKADA Takashi Doctor (Health and Sport Science)</p>	<p>Fields of Research: Training science, sports orthopedics, athletic rehabilitation</p> <p>Research Keywords: Strength training, muscle hypertrophy, lean, weight loss, sports injuries and trauma, dynamic joint control, lower back pain, intervertebral disk degeneration, recovery, sleep, core muscle, bodybuilding, judo</p> <p>Training science field (1) Development of effective training methods for localized muscle areas</p> <ul style="list-style-type: none"> • Research into region-specific and longitudinal muscle activity • Research on internal concentration to enhance muscle activity in target muscles • Development of training methods for deep trunk muscles <p>(2) Exploration of neurophysiological mechanisms that enable high muscle output (3) Development of effective body fat removal methods (lean) (4) Research into sleep and strength training and lean, etc.</p> <p>Sports orthopedics, athletic rehabilitation field (1) Lower back pain, intervertebral disk degeneration (2) Dynamic control of joints by the agonist and antagonist muscles (3) Tendinopathy, etc.</p>
<p>★★ Professor OKUDA Hiroshi Doctor (Medicine)</p>	<p>Fields of Research: Sports medicine, genomic medicine</p> <p>Research Keywords: Nephrology, genetic statistics, GWAS, emergency medicine, medical education, primary care, performing arts medicine, sumo, judo</p> <p>Starting from the perspective of sports, we treat music and other performing arts as sports and we aim to identify and elucidate a range of phenomena. Many things that we take for granted have, surprisingly, not actually been scientifically proven. The first step in research is to "question" the things that we take for granted and do as a matter of convention. It doesn't matter if question is very simple, so let's take the desire to find out "why" seriously in research. Let's start with a research question based on your own "why". This laboratory has just been established recently, so there are currently no research themes underway. And that's why you can specify any theme for your research topic. The research supervisor's areas of interest are listed below, but proposals for research projects based on graduate student's own interests are also welcome.</p> <p>(1) The impact of sports on renal function (2) Sports in patients with renal failure (3) Sports and genetics (4) Research that looks at music from the aspect of exercise (5) Tension in performing arts and interpersonal sports</p>
<p>★★ Professor OKAMOTO Takanobu Doctor (Human Science)</p>	<p>Fields of Research: Exercise physiology, health physiology, health and exercise studies, health promotion studies</p> <p>Research Keywords: Comprehensive lifestyle disease prevention, successful aging, healthy life expectancy, arteriosclerosis, vascular endothelial function, dementia, sarcopenia, health promotion</p> <p>We undertake research aimed at "comprehensive lifestyle disease prevention" to comprehensively prevent cardiovascular disease, nursing care, and dementia with the goal of lifelong health for people of all ages from young to old. The main research themes are as follows.</p> <p>(1) Development of resistance exercise and aerobic exercise methods for prevention of comprehensive lifestyle diseases (2) Examination of polyphenol intake methods to enhance health promotion effects (3) Elucidating the health promoting effects of skeletal muscle electrical stimulation training (4) Develop health promotion programs to improve muscle, respiratory circulation and cognitive function (5) Exploring the relationship between age-related changes in physical fitness, respiratory circulation, and cognitive function</p>
<p>★★ Associate Professor KIDOKORO Tetsuhiro Doctor (Education)</p>	<p>Fields of Research: Growth and development, exercise epidemiology, public health</p> <p>Research Keywords: Children, physical activity, sedentary activity, physical fitness, lifestyle diseases, joint international research</p> <p>We conduct research on improving physical fitness and preventing lifestyle diseases through physical activity for children. Using data from large cohort studies in Japan and abroad, we conduct research using epidemiological methods. The main research themes are as follows.</p> <p>(1) Research into early lifestyle disease prevention in children (2) International joint research on physical activity and physical fitness of children (3) Research into the creation of environments that promote physical activity</p>
<p>★★ Professor KIMURA Naoto Doctor (Health and Sport Science) Doctor (Medicine)</p>	<p>Fields of Research: Health science, hygiene and public health</p> <p>Research Keywords: Energy metabolism, health management, stock walking</p> <p>The focus of instruction is on "exercise-related health management (preventive medicine)", including exercise, nutrition, and recuperation (rest) related to the maintenance and promotion of human health and improvement of physical fitness. Research considers the relationship between health and competitive performance improvement and things including (1) environmental factors (heat, cold, etc.), (2) skeletal muscle energy metabolism, (3) biochemistry (blood, urine), and (4) bioburden (muscle fatigue, etc.).</p>

(Course in Health and Sport Medical Sciences) -2

Faculty Member Name	Fields of Research Supervision
<p>★★ Associate Professor KOUZAKI Karina Doctor (Health and Sport Science)</p>	<p>Fields of Research: Exercise physiology, sports medicine, nutrition</p> <p>Research Keywords: Muscle damage, muscle hypertrophy, peripheral nerve injury, sarcopenia, neuromuscular junction, electrical muscle stimulation, nutritional intervention, ketogenic diet, sports injuries, eccentric contractions, muscle strain, cancer cachexia muscular dystrophy, metabolism, laboratory animals</p> <p>Research here will involve examining the effects of various factors, such as sports injuries, aging, and disease, on the function and structure of the locomotorium. Both basic research using laboratory animals (rats and mice) and cultured cells, as well as clinical research on human subjects can be undertaken. In research using laboratory animals and cultured cells, students learn a range of experimental techniques and conduct experimental research using these techniques. In research involving human subjects, the students learn the methods required to undertake experiments and measurements, and develop intervention experiments and investigative studies using these methods. Research themes will be decided through prior consultation, but research is underway with the following themes.</p> <ul style="list-style-type: none"> • Examining the effects of a short-term, continuous ketogenic diet on locomotory function and structure and whole-body metabolism • Validating function of nerves and muscles and structural abnormalities in a mouse model of muscular dystrophy • Elucidating the action mechanism of nerve damage caused by exercise-induced muscle injury • Examining the effects of changes in expression of specific genes on muscle protein metabolism and structure in cultured myocytes • Examining functional and structural changes in nerves in an animal model of cancer cachexia <p>The results obtained from research will aim to be proactively applied to health promotion for a wide range of age groups, and on the ground in sports.</p>
<p>★★ Professor KOBAYASHI Masatoshi Master (Physical Education) Doctor (Medicine)</p>	<p>Fields of Research: Microanatomy, health education</p> <p>Research Keywords: Skeletal muscle histochemistry, health education, exercise and glucose, lactate metabolism</p> <p>We explore and examine the factors and environments involved in maintaining and promoting health.</p> <ol style="list-style-type: none"> (1) Histochemical investigation of cells involved in the regenerative process of skeletal muscle (2) Exercise and health-related functions
<p>★★ Professor SAITO Yoshinobu PhD (Health Management)</p>	<p>Fields of Research: Epidemiology of Sport and Physical Activity, Health Promotion, Health and Sport Management</p> <p>Research Keywords: Physical Activity, Epidemiology, Public Health, Health Promotion, Health Behavior Theory, Ecological Model, Activity Friendly Environments, Systems Approach, Dissemination and Implementation Science</p> <p>My research focuses on "Health and Sport Management," which involving the planning, implementation, evaluation, improvement, and social dissemination of health promotion through sport and physical activity</p> <p>Main research themes include:</p> <ol style="list-style-type: none"> 1. Epidemiological studies on safe and effective sport and physical activity 2. Promotion and dissemination of sport and physical activity from public health and health promotion perspectives
<p>★★ Associate Professor SAMPEI Makiko Master (Nursing) Master (Public Health) Doctor (Medicine)</p>	<p>Fields of Research: Social epidemiology, mental health, interconception</p> <p>Research Keywords: Social epidemiology, social determinants of health, relative disparities, multilevel, mental/maternal/child health, motivational interviewing, interconception</p> <p>We examine the impact of the psychosocial environment such as families and communities on the mental and physical health of children and young adults, mechanisms and intervention methods, and the significance of early intervention for young generation before pregnancy. Students will also learn the fundamentals of epidemiology and statistics.</p> <ol style="list-style-type: none"> (1) Research to uncover dietary changes in children due to the COVID-19 pandemic and the mechanisms of its underlying socioeconomic factors, as well as to examine how administrative and private organizations can collaborate effectively. (2) Research into women's reproductive health, mental health and social risk factors using a menstrual/basal body temperature management app (3) Research into perceptions of interconception care and health behaviors from health care providers among postpartum women with abnormal pregnancies and perinatal conditions (4) Development of an app-based educational program on behavioral risks in interconception care
<p>★★ Professor SUNAGA Mikako Doctor (Medicine)</p>	<p>Fields of Research: Exercise physiology, training science</p> <p>Research Keywords: Menstrual cycle, female athletes, conditioning, gender differences, energy metabolism (sugar metabolism, lipid metabolism, amino acid metabolism)</p> <p>Building a strategic training program and developing conditioning plan are required when it comes to improving performance while maintaining a healthy body. In this laboratory, we use exercise physiology techniques to analyze the effects of different conditions including training and nutritional intake on exercise performance and training effectiveness in human subjects, and conduct research with the aim of feeding our results back so that they may leveraged on the front line of sports.</p> <p>With a particular focus on the impact of gender differences and menstrual cycle, we undertake the following types of research.</p> <ol style="list-style-type: none"> (1) Development of conditioning methods that take the menstrual cycle into account (2) Investigation into training programs that take female morphological and physiological traits into account (3) Research into prevention and improvements related to the "female athlete triad"

(Course in Health and Sport Medical Sciences) -3

Faculty Member Name	Fields of Research Supervision
<p>★★ Associate Professor TAMURA Yuki Doctor (Science)</p>	<p>Fields of Research: Molecular exercise physiology, molecular exercise metabolism</p> <p>Research Keywords: Skeletal muscle, fat, mechanobiology, mitochondria, lysosomes, thermal stimulation, sarcopenia, disuse muscle atrophy, training, rehabilitation</p> <p>With a focus on creating effective training and rehabilitation, we are undertaking basic research using molecular biology methods. The research areas we are currently working on are listed below, but proposals for research projects based on graduate student's own interests are also welcome.</p> <p>(1) Clarification of "cellular/organs/individual adaptations" and "molecular mechanisms" associated with exercise, inactivity, aging, disease, etc.</p> <p>(2) "Building the biomedical basis" and "exploring novel indications" for physical therapy</p> <p>(3) "Exploration and verification" of new nutritional materials and their "application to training/rehabilitation"</p>
<p>★★ Professor TSUYAMA Kaoru Doctor (Health and Sport Science)</p>	<p>Fields of Research: Growth and development</p> <p>Research Keywords: Children, middle aged, athletes, athletic performance, training</p> <p>The main fields of research supervision include (1) the effects of physical exercise and lifestyle habits on physical fitness, (2) the relationship between physical fitness and exercise in children, and (3) the relationship between physical fitness and exercise in middle-aged and elderly people.</p>
<p>★★ Professor NAKAZATO Koichi Doctor (Science)</p>	<p>Fields of Research: Sports physiology and biochemistry, basic sports medicine</p> <p>Research Keywords: Aging, muscle damage, muscle hypertrophy, muscle atrophy, animal and cellular models, genetic polymorphisms, muscle protein synthesis, muscle protein degradation, extracellular matrix</p> <p>The main themes of research are examination of the physiological and biochemical responses or adaptations of musculoskeletal tissues (skeletal muscles, tendons, ligaments, etc.) to mechanical stimulation and a wide range of other external factors at the molecular, cellular and tissue levels. Research is always conducted while keeping in mind practical application to sports physiology, training methods, sports injuries, and sports medicine. Students who wish to join this laboratory must be prepared to invest a considerable amount of time and effort, especially since we focus on molecular-level studies and require students to work independently to generate their own data. We believe, however, that this investment of time and effort will be beneficial for students. Specific research themes are as follows.</p> <p>(1) Analysis of molecular mechanisms of muscle damage development and repair processes using experimental models (animals and cells)</p> <p>(2) Analysis of molecular mechanisms of skeletal muscle adaptation to voluntary or involuntary muscle training using experimental models (animals and cells)</p> <p>(3) Elucidation of the mechanism of skeletal muscle atrophy associated with aging or systemic inflammation and overcoming it</p> <p>(4) A basic study of the effects of polymorphisms in human gene structure on musculoskeletal tissues</p>

(Course in Physical Education and Health Education) - 1

Faculty Member Name	Fields of Research Supervision
<p>★★ Associate Professor ICHIKAWA Yuichiro Doctor (Psychology)</p>	<p>Fields of Research: Educational psychology, health psychology, psychophysiology</p> <p>Research Keywords: Anxiety, stress, emotions, attitudes, physiological responses, developmental disorders</p> <p>From the standpoint of psychology, research will involve the empirical study of the relationship between mind and body, and application of the results to education and health. The research will analyze (1) psychological response, (2) behavioral response, and (3) physiological response measured through surveys and experiments, and test hypotheses.</p>
<p>★★ Professor OKADE Yoshinori Doctor (Education)</p>	<p>Fields of Research: Pedagogy of Physical education, Sport Pedagogy</p> <p>Research Keywords: Curriculum theory, Instructional theory, teacher education theory</p> <p>Research will be related to (1) curriculum theory, (2) instruction theory, and (3) teacher education theory, which are subjects of research in physical education. Examples of themes include international comparison of curriculum and curriculum evaluation in curriculum theory, verification of the effectiveness of instruction theories in instruction theory, and verification of the effectiveness of strategies to promote development of physical education teachers in teacher education theory.</p>
<p>★★ Professor OKAMOTO Miwako Doctor (Nursing)</p>	<p>Fields of Research: Reproductive health, maternal and child health</p> <p>Research Keywords: Child raising support, women's health, child health, child abuse, reproductive health</p> <p>The main focus of research is on women's and children's health issues and health support.</p> <p>(1) Women's health issues and health support from a life cycle perspective (2) Children's health and environment in fetal, infant, and school age (3) Health education in puberty (4) Child raising support for female athletes</p>
<p>★ Professor KOIZUMI Kazushi Master (Health and Sport Science) Doctor (Marine Science)</p>	<p>Fields of Research: Outdoor education (marine), aqua sports</p> <p>Research Keywords: Scuba diving, water sports, outdoor education</p> <p>This field of research incorporates areas such as aqua sports and outdoor activities. The following research issues that need to be addressed in the field, based on questions for leaders, educators, and others, will be considered.</p> <p>(1) Research on educational effectiveness and instruction in scuba diving, skin diving, and snorkeling (2) Research on analysis and teaching in fin swimming (3) Instruction and research for underwater sports (underwater rugby, underwater field hockey, free diving, etc.) (4) Research on risk and crisis management, including instruction of first aid and rescue methods for outdoor activities, and investigation of dangerous organisms (5) Outdoor activities (general ocean and mountain camping, etc.) and research on global environmental issues (6) Research also includes all sports that use water (aqua sports) and life education research among other themes.</p>
<p>★★ Professor KONDOH Tomoyasu Doctor (Health and Sport Science)</p>	<p>Fields of Research: Physical education, sports education</p> <p>Research Keywords: Curriculum, physical education class research, teaching materials and teachers</p> <p>(1) Curriculum theory for physical education • Research into goals in the curriculum of physical education (2) Educational guidance theory in physical education • Research into teaching materials for physical education • Research into teacher behavior (3) Research into physical education classes • Research into learning results in physical education • Research into the behavior of child students</p>
<p>★★ Professor SHIKANO Akiko Master (Education) Doctor (Health and Sport Science)</p>	<p>Fields of Research: School health studies, growth and development studies</p> <p>Research Keywords: Children's mind and body, nursing teacher</p> <p>Our research focuses on children's bodies and minds and the nursing teachers who support them, and we undertake field research into children's bodies and minds at school and other educational sites on a daily basis. The main fields of research are (1) duties of nursing teachers, nursing activities, and functions of the sickroom (2) school health (3) general children's physical and mental health issues.</p>

(Course in Physical Education and Health Education) - 2

Faculty Member Name	Fields of Research Supervision
<p>★★ Professor SHIRAHATA Kazuya Master (Education) Doctor(Sport Health Science)</p>	<p>Fields of Research: Sports education, teacher education</p> <p>Research Keywords: Creation of physical and health education classes based on curriculum guidelines, consultation to enhance teachers' sense of efficacy, acquisition of movement in early childhood and childhood, support for physical education in developing countries</p> <p>Based on the curriculum guidelines, students will undertake research on measures to realize a rich sports life for all school children, from the perspectives of infants, children, and students, or from the perspective of teachers, according to the actual state of affairs at school sites.</p> <p>(1) Curriculum and educational guidance theory based on the curriculum guidelines (2) Teacher education theory and consultation strategies based on teacher efficacy (3) Young children's motor play and acquisition of movement based on the physical activity guidelines for early childhood (4) Methods for supporting physical education in developing countries</p>
<p>★★ Professor SUZUKAWA Kazuhiro Doctor (Medicine) Doctor (Health and Sport Science)</p>	<p>Fields of Research: Health promotion, public health</p> <p>Research Keywords: Children, lifestyle habits, exercise habits, activity strength, defensive strength, immunity, fatigue, mental health, health promotion, health education, school health</p> <p>The areas of research and instruction that we focus on include areas that health and physical education teachers and nursing teachers should address, including regular lifestyle habits in children (students), the need for physical education, sports, and exercise habits, health activities at schools, and health promotion. To this end, we undertake surveys on lifestyle, exercise habits, and defensive strength (sense of health, immunocompetence, mental health, etc.) among children and students, and conduct research on the following.</p> <p>(1) Research into the lifestyle and exercise habits of children (2) Research into the activity strength and defensive strength of children (3) Research into health management, health education, and health measures for children (4) Research into stress and fatigue in children (5) Research into school health and health promotion (6) Research into the mental health of school children and teaching staff (7) Research into sports and exercise club activities and defensive strength</p>
<p>★ Assistant Professor TANAKA ryō Doctor (Physical Education)</p>	<p>Fields of Research: Health Education, School Health, Growth and Development</p> <p>Research Keywords: Children's Health, Lifestyle Habits, Health Education</p> <p>I explore school environments and health education in relation to children's health, with a view to understanding the current state of children's health and their lifestyle habits and living environments.</p> <p>Main research themes include:</p> <ol style="list-style-type: none"> 1. The relationship between children's lifestyle habits and their health 2. School and classroom environments that promote better health among children 3. Health education related to health behaviors in junior and senior high school students
<p>★ Professor TSUDA Hiroko Master (Physical Education)</p>	<p>Fields of Research: Dance studies and dance education</p> <p>Research Keywords: Dance, education, dance materials, images, history of dance in traditional performing arts</p> <p>Educational research into dance Methodological research into bodily expression Research into the effectiveness of education activities using physical expression and dance Research into comparative dance</p>
<p>★★ Associate Professor TERAOKA Eishin Doctor (Education)</p>	<p>Fields of Research: Sport pedagogy</p> <p>Research Keywords:Curriculum, teaching behavior, learning, assessment, teacher education, international cooperation, table tennis</p> <p>My research interests focus on how school physical education and sports can address various educational challenges. Specifically, the following themes will be the focus of research supervision:</p> <p>(1) Observing teaching behavior (2) Exploring the mechanisms that produce social and affective learning outcomes for school children (3) Continuing Professional Development (CPD) (4) Discourse analysis of curriculum (5) International collaboration through physical education and sport Other topics in educational research are also welcome.</p>
<p>★★ Professor NOI Shingo Doctor (Health and Sport Science)</p>	<p>Fields of Research: Educational physiology, school health, growth and development, physical education</p> <p>Research Keywords: Educational physiology, school health, growth and development, physical education, children's bodies, children's physical fitness, children's health</p> <p>The keywords are "children", "body", "mind", "physical strength", "health", "vibrancy", "daily life". Research fields: Educational physiology, school health, growth and development, physical education. Based on what teachers and nursing teachers in childcare and education, as well as mothers and fathers who are raising children, actually feel when they suspect there is "something wrong" with or are "slightly concerned" about a child's body, mental state, physical strength, health, vitality, or daily life, research specifically involves activities to clarify the facts concerning children's bodies and seek to identify the true state of affairs (research to discover problems), and activities to make improvements concerning the health issues discovered and ensure children are healthy and vibrant (research to solve problems).</p>

(Course in Physical Education and Health Education) - 3

Faculty Member Name	Fields of Research Supervision
<p>Health and Sport Science Program ★ Practical Physical Education Program ★★</p> <p>Professor MIYAKE Ryosuke Master (Physical Education) Doctor (Medicine)</p>	Fields of Research: Integrated fields
	Research Keywords: Exercises, body-building exercise, health exercise, exercise instruction theory, physical education for adults and the elderly
	<p>We undertake practical research activities on "exercises" for the purpose of health promotion. Research focuses on health exercise according to age, physical strength, and health status for age groups ranging from children to the elderly.</p> <ol style="list-style-type: none">(1) Research into exercise for children and exercise for parent and child(2) Research into teaching materials for "body-building exercise" and "group performance" in physical education at schools(3) Research into "exercise" for health promotion for adults and the elderly(4) Research into exercise guidance

■Degree Program in the Science of Sport Coaching/ Degree Program in Sport Coaching(by course) - 1

Faculty Member Name	Fields of Research Supervision
<p>★★ Professor AOYANAGI Toru Master (Physical Education)</p>	<p>Fields of Research: Coaching studies, training science</p> <p>Research Keywords: Mind, skills, body</p> <p>Research into coaching, training, exercise learning, and performance In this laboratory, the aim is to systematize training for the purpose of improving athletic performance and to produce practical instructors who can provide guidance based on a wide range of knowledge. Then, with the understanding that competitive (exercise) performance comes from human learning, we undertake practical research using psychological, physiological, and biomechanical methods.</p>
<p>★★ Professor ITO Masamitsu Doctor (Science)</p>	<p>Fields of Research: Coaching studies, coach education</p> <p>Research Keywords: Athlete centered coaching, coach education, coach developer</p> <p>We undertake research into the nature of learner-centered instruction with athlete-centered coaching as keywords. The theme of the research is not the WHAT of coaching (i.e. improving athletes' performance, etc.), but the HOW of coaching. The research uses qualitative and quantitative methods, or mixed methods where a combination of both is used. Coaches looking to improve their coaching skills are encouraged to undertake action research.</p>
<p>★★ Associate Professor IWAHARA Fumihiko Doctor (Health and Sport Science)</p>	<p>Fields of Research: Coaching studies</p> <p>Research Keywords: Coaching, coaching staff training, high performance coaching</p> <p>The focus of research includes approaches for more effective coaching, interpretation and utilization of scientific data obtained through activities including performance analysis, and the creation and evaluation of training menus and annual schedules. We take an interdisciplinary view of coaching studies in our practical research.</p>
<p>★★ Professor UCHIYAMA Haruki Master (Education) Doctor (Health and Sport Science)</p>	<p>Fields of Research: Coaching science, physical education and sports philosophy</p> <p>Research Keywords: Coaching, coaches, competitive sports, competitiveness, competitive characteristics, athletes, teams, techniques, tactics, basketball</p> <p>Thus far, with a focus on basketball, which has the most complex competitive characteristics among competitive sports, we have undertaken research into the essential components of the game, including techniques, tactics, physical fitness, and training methods unique to team sports. Currently, we are working on the elucidation of the factors and elements pertaining to the formation and improvement of competitive ability in basketball including coaching mechanisms and the purpose of coaches and deep structured mechanisms to control their inter specificity, by applying various types of knowledge from philosophy and modern thought as a general-purpose thought tool. The main research themes over the past five years are as follows. (1) The academic nature of coaching science (2) Research into the concepts and mechanisms involved in the conceptual nature of sports coaching (3) Exploration of guidelines for collaborative action in team sports (4) Investigation into the prerequisites involved in generating team performance (5) The causal relationship between "game flow" and winning/losing in basketball</p>
<p>★★ Professor OISHI Kenji Doctor (Health and Sport Science)</p>	<p>Fields of Research: Sports/game performance analysis</p> <p>Research Keywords: Sports/game performance analysis, sports Analytics, tactics, strategy, statistics, probability theory, evaluation field (measurement) investigation and development, examination and development of analytical methods</p> <p>The main research themes are "sports/game performance analysis". In the research, we examine team tactics and challenges from statistics and probability theory by quantified the sports. Over recent years, the availability of biometric wearable devices and small video cameras has made it possible to easily quantify sports performance, such as passing and shooting, as well as the movement (distance and speed) and heart rate data of individual athletes. As such, this research theme involves the quantification of sports using GPS data and image data, investigation into figures that are related to winning and losing, and the prediction of future games. From these research results, we will consider the team tactics and challenges that are useful for coaching. There are currently no restrictions on the type of sports that can be covered in the research, but mainly focus on soccer, handball, volleyball, and other such ball games.</p>
<p>★★ Professor OMOTO Yoji Master (Physical Education)</p>	<p>Fields of Research: Coaching studies</p> <p>Research Keywords: Water polo, swimming, coaching</p> <p>We conduct research into the role of coaches in improving athletes' performance. Regarding new coaching techniques that are constantly changing, we undertake a practical approach and evaluation in actual venues for competitive sports in pursuit of ideal coaching.</p>
<p>★ Associate Professor KOBAYASHI Fumiaki Master (Health and Sport Science)</p>	<p>Fields of Research: Track-and-field events</p> <p>Research Keywords: Track-and-field events, pole vault, biomechanics</p> <p>Investigation and practical research into coaching and physical and technical training methods to improve athletic performance in track-and-field events.</p>
<p>★★ Professor SAITO Kazuo Master (Physical Education) Doctor (Medicine)</p>	<p>Fields of Research: Integrated fields</p> <p>Research Keywords: Improvement of technique (sumo), body composition, muscle strength</p> <p>Investigation and practical research into coaching and physical, technical, and psychological training methods to improve athletic performance in interpersonal competitive sports.</p>

■Degree Program in the Science of Sport Coaching/ Degree Program in Sport Coaching(by course) - 2

Faculty Member Name	Fields of Research Supervision
<p>★★ Associate Professor SARODO Shigeki Doctor (Philosophy)</p>	<p>Fields of Research: Coaching studies</p> <p>Research Keywords: Coaching principles, coaching philosophy, coach development</p> <p>We undertake research into the original theory of what coaching actually is, research into the philosophy that coaches have, and research into coach development, focusing on coaches' learning and on coach developers who support this learning.</p>
<p>★★ Professor SUGITA Masaaki Doctor (Science)</p>	<p>Fields of Research: Coaching studies, training science</p> <p>Research Keywords: Coaching using sports science, training science, physical fitness science, conditioning, and performance analysis</p> <p>We undertake practical sports science research for coaching and training to enhance athletic performance. We are undertaking analysis and studies on training and conditioning for coaching that leads to athletic performance improvement and performance of athletes in various sports.</p>
<p>★★ Associate Professor TAKAI Hideaki Doctor (Health and Sport Science)</p>	<p>Fields of Research: Sports psychology</p> <p>Research Keywords: Sports mental training, sports counseling, relaxation</p> <p>We are working on practical research into sports mental training and sports counselling aiming to improve the athletic performance of athletes and enabling to fulfill their potential. In particular, we are investigating the effect of relaxation techniques that include autogenic training, progressive relaxation, and biofeedback methods utilized as a way to deal with stress.</p>
<p>★★ Professor NAMBU Saori Doctor (Medicine)</p>	<p>Fields of Research: Medicine, law, psychology, sociology, integrated social science fields</p> <p>Research Keywords: Child abuse, corporal punishment, safety instruction in club activities, school accidents, juvenile delinquency</p> <p>Sports crisis management studies</p> <p>Research into safety instruction in sports, analysis of causes of sports accidents and prevention of recurrence, corporal punishment, power harassment, and abusive language instruction, research into the form of school club activities, research into overcoming difficulties/enjoyability/safety instruction in school physical education, improvement of qualifications of sports instructors, and school safety including the impact of sports activities on juvenile delinquency and crime</p> <p>Research into bullying, enforced and traumatic club activities, inappropriate instruction from teachers, harassment in educational settings, violence against teachers, and non-attendance</p> <p>child abuse and the impact of parent-child relationships on child socialization</p>
<p>★★ Professor NISHIYAMA Tetsunari Doctor (Medicine)</p>	<p>Fields of Research: Training science, biomechanisms</p> <p>Research Keywords: Performance enhancement, biomechanics, physiology, technical and fitness assessment, scientific support, bicycle racing</p> <p>(1) We take on research concerning skills and physical strength evaluation and the related training and coaching methods for the purpose of improving sports performance.</p> <p>(2) In the scope of research is foundational and practical research that is useful for scientific support and guidance based on biomechanics and physiology methods.</p> <p>(3) We work to develop the sensibility required for general coordination of performance improvement from the perspective of sports medicine for groups or individuals to be coached or supported.</p>
<p>★ Professor NEMOTO Ken Master (Health and Sport Science)</p>	<p>Fields of Research: Coaching studies</p> <p>Research Keywords: Coaching studies, team building, performance analysis</p> <p>Seeking more effective coaching practices, we undertake research into coaching with a focus on phenomena occurring in the actual places where sporting events are held. With regards to the issue of improving athletic performance, we find practical research issues in which consideration is given to achieving maximum performance in actual games, and conduct research in which we look at the processes for performance improvement that are of use in the actual places where sporting events are held.</p> <p><Research Topics></p> <p>(1) Research into coaching management</p> <p>(2) Research into team vision and mission</p> <p>(3) Research into team building</p> <p>(4) Practical research into strategy and tactics</p>
<p>★ Professor HATAKEDA Yoshiaki Master (Physical Education)</p>	<p>Fields of Research: Integrated fields</p> <p>Research Keywords: Exercise with equipment, gymnastics competition, athletic performance improvement</p> <p>Research covers technical analysis, practical coaching, and training methods for the purpose of athletic performance improvement in gymnastic competitions</p>
<p>★ Professor YAMAMOTO Yosuke Doctor (Medicine)</p>	<p>Fields of Research: Interpersonal sports coaching</p> <p>Research Keywords: Interpersonal sports coaching (mental, physical strength, technical ability, human ability)</p> <p>Research covers coaching methods to improve athletic performance and human ability with a focus on interpersonal sports.</p> <p>(1) Research into suitable coaching for age and maturity covering levels from interpersonal sport beginners to top athletes</p> <p>(2) Learning the characteristics of top athletes in interpersonal sports and the importance of the environment for achieving a high level of international competitiveness, and research into the optimum coaching at each stage from junior to world level</p>