

Komatsu University Faculty and Research Topics

Hiroshi Yamamoto	President	Biochemistry	Studies on diabetic vascular complications
Yoshimasa Yokogawa	Vice President	Theory of Art and Care	Creative Experiments of 'Hospitality Art'

Faculty of Production System Engineering and Sciences

Department of Production Systems Engineering and Sciences

Shigeo Kimura	Dean	Thermal Engineering	Buoyancy driven convection and geothermal energy development
Nonuyoshi Kawabata	Professor	Fluid Engineering	Smoke and human behavior in enclosed space / Study on grooved bearings
Yoshinori Yamada	Professor	Materials Science and Technology	Mechanical properties of polymers and polymer composites
Hiroyuki Kagawa	Professor	Mechanical Engineering and Glaciology	Development of mechanical devices and measuring systems / Analysis and evaluation of performances, strengths, and other mechanical properties
Shinobu Sakai	Professor	Sports engineering	Research and development on sports equipment and high-performance training machine
Jin-Xing Shi	Assistant Professor	Solid Mechanics/CAE	Shape design optimization of composite structures/nano structures
Atsushi Tomizawa	Professor	Plasticity	Development of new metal working and forming process and research of structural design for high strength and light weight
Hyung-Won Park	Assistant Professor	Materials Science and Production Engineering	Research and development of novel structural materials and its processing
Masatoshi Hikizu	Associate Professor	Mechatronics	Control of robots. Development of power assist mechanism
Sotoshi Yamada	Professor	Magnetics Engineering	Research on development of functional magnetic devices and micro magnetic sensors
Shinji Ikeda	Associate Professor	Magnetics Engineering	High frequency devices and precision machining, using magnetic particles

Komatsu University Faculty and Research Topics

Haruhiko Kimura	Professor	Information Technology	"Research related AI applications, supporting for caring of solitary aged person and recognition of environments"
Yusuke Kajiwara	Associate Professor	Artificial Intelligence	Detect symptoms of human errors using IoT and AI
Masaaki Adachi	Professor	Optical Metrology	High precision shape measurement of surface using a camera in same direction with a laser source

Faculty of Health Sciences

Department of Nursing

Kazuyo Kitaoka	Dean	Mental Health Nursing	Study on work environment and mental health of employees
Yuko Matsui	Professor	Fundamental Nursing	Reserch on skin disorders related to chemotherapy
Miho Uchida	Professor	Fundamental Nursing	Sutudy on cleanliness management and infection control of hospital enviroment
Chinatsu Kato	Assistant Professor	Fundamental Nursing	Study on supporting CPAP therapy in sleep apnea syndrome
Yukari Fujita	Assistant Professor	Fundamental Nursing	Study on education for patients with type 2 diabetes mellitus using social skills and the prevention of interruption of diabetic care
Terumi Ueda	Assistant Professor	Fundamental Nursing	Development of the new outcome indicators and treatments for leg edema in elderly
Matsumi Yamazaki	Professor	Adult Nursing	Study on physical activity in people with type 2 diabetes or chronic illness
Daisuke Sato	Associate Professor	Adult Nursing	Health support to cancer survivor by telenursing
Etsuko Matsumura	Lecturer	Adult Nursing	Study on mental health of nurses / Study on Partnership Nursing System (PNS)
Yumi Koizumi	Professor	Gerontological Nursing	Study on Taktil Care / Study on the nursing support of senior citizens with dementia and caregiving families

Komatsu University Faculty and Research Topics

Noriyo Yuno	Lecturer	Gerontological Nursing	Causes of falls in terminal cancer patients that occurred during a one-month period
Eri Konda	Assistant Professor	Gerontological Nursing	Study on self-care for patients diagnosed with type 2 diabetes at an older age
Hiroko Morikawa	Professor	Pediatric Nursing	Intervention to ensure acceptability of diabetes self management behaviors
Mayumi Tokuda	Professor	Home Care Nursing	Study on home care nursing for persons requiring care and their families
Yukari Shimizu	Lecturer	Home Care Nursing	Study on the exposure and evaluation of antibacterial substances against allergies
Motoko Nakashima	Professor	Public Health Nursing	Study of the life habits of workers and retirees
Junko Kusaka	Associate Professor	Public Health Nursing	Study on public health nursing activities in general (history ~ contemporary issues)
Michiko Ikeda	Assistant Professor	Public Health Nursing	Study on university students health management./Study on support for non smoking

Faculty of Health Sciences

Department of Clinical Engineering

Shigeru Sanada	Chair	Medical imaging technology	Development of physiologic-functional radiography (pFRAD): dynamic imaging for physiological and functional diagnostic information
Shoichi Iseki	Professor	Histology	Morphological and histochemical study on cellular gene expression and differentiation
Hirayama Jun	Professor	Chronobiology	Study on molecular links between the dysregulation of the circadian clock and diseases
Tadashi Hachiga	Professor	Bioelectrical System	Three Dimensional mapping of Blood Flow and Blood Vessels by Using Advanced Multipoint Laser Doppler velocimeter
Jongho Lee	Associate Professor	Human Medical Engineering	Study on health care and medical assistance of the elderly based on analysis of motor control functions in the brain

Komatsu University Faculty and Research Topics

Masamichi Nogawa	Associate Professor	Biomedical engineering	Healthcare, welfare, and therapeutic technology
Kazuhisa Fujita	Associate Professor	Computational Neuroscience	Neural Information Processing and Machine Intelligence
Hideo Sakamoto	Lecturer	Medical Engineering	Research on construction of intracircuit blood coagulation detection system in extracorporeal circulation
Junko Izawa	Lecturer	Medical Imaging Technology	3D geometric analysis of objects for medical images

Faculty of Intercultural Communication

Department of Intercultural Communication

Ray Iwata	Dean	Chinese Linguistics	Chinese dialectology and phonetics
Shigeki Shakuya	Professor	Anthropology of Tourism	Studies on local society participation in tourism development of Maya archaeological parks
Fukiko Nakako	Associate Professor	Tourism, Tourism Sociology	Accessible Tourism, Local Tourism development, Food Tourism, Social Capital
Takeshi Miyazaki	Professor	Agricultural Economics	Green Tourism in Japan and Asian Countries
Kiyohide Morita	Professor	Food and Agricultural Economics	World food supply and demand, International comparison of agriculture and Regional revitalization
Maqsooda Sarfi Shiotani	Associate Professor	Intercultural Communication	History of Central Asia and Mongolia, Culture, Gender Contemporary History of Mongolia, Culture and Religion, Comparative Studies with India and Japan.
Toru Sakai	Associate Professor	Area studies, comparative politics	Politics of Modern Taiwan, Studies on Ethnic Chinese communities in Southeast Asia
Saya Kiba	Associate Professor	Political Science, International Relations	Southeast Asian Studies, Foreign and Security Policies in Asia Pacific, Studies on Armed Forces and Society
Yushi Chiba	Associate Professor	Area Studies, Media Studies	Studies on Media, Politics, and Society in the Middle East

Komatsu University Faculty and Research Topics

Tadayuki Ichinowatari	Associate Professor	International Political Economy and Trade	Studies on Globalization and emerging economies
Bunei Kohara	Associate Professor	Film Studies and Literature	Psychoanalytic, Aesthetic, and Historical Approaches to American Films
Timothy Vance	Professor	Linguistics	Phonetics with a focus on Japanese
Toru Okamura	Professor	Sociolinguistics	Pidgin and Creole Linguistics
Miyuki Nagatsuji	Assistant Professor	Linguistics	Research on English and Japanese clause-linking structures in utterance interpretation
Robert Sanders	Professor	Chinese Linguistics	Chinese language education and Mandarin dialectology
Naihua Liu	Professor	Chinese Linguistics	Teaching Chinese as a Second Language