保健医療学域
**Midwifery and Women’s Health Nursing**

**Principal Investigator** Atsuko Kawano, PhD.
**E-mail.address** AKAWANO@md.tsukuba.ac.jp
**URL** [http://www.md.tsukuba.ac.jp/nursing-sci/maternity-midwife/](http://www.md.tsukuba.ac.jp/nursing-sci/maternity-midwife/)

Other Faculty Members
Assistant Professor Yuki Kanazawa: ykanazawa@md.tsukuba.ac.jp

**Major Scientific Interests of the Group**
1) Maternal and Infant Health Care
2) Women’s Health and Stress
3) Development of Health Education System for Adolescents
4) Maternal Child Care Policy and Survey on Child-Care Environment
5) Prenatal Nursing

**Projects for Regular Students in Doctoral or Master’s Programs**
1) Women’s Stress in Maternal Period and after Birth
2) Postpartum depression is relationship to neurotransmitter
3) Maternal health management
4) Mother role Acquisition

**Study Programs for Short Stay Students (one week – one trimester)**
1) Critique and discussion on midwifery and women’s health nursing papers and research

**Selected Publications**
1) **Kawano A.** The Influence of Sleep Status on Urinary Adrenaline, Noradrenaline, and Cortisol Levels in Women. Journal of Women's Health Care.7(2), 2018
5) **Kawano A.,** Emori Y. The relationship between postpartum mother's psychological state by POMS (Profile of Mood States) and saliva SIgA and cortisol concentrations. Journal of Academy Midwifery. 22(1),17-24, 2008
Oncology Nursing

Principal Investigator    Michiyo Mizuno
E-mail.address    michiyo0611@md.tsukuba.ac.jp
URL    http://www.md.tsukuba.ac.jp/nursing-sci/oncology_n/

Other Faculty Members
Associate Professor, Michiyo Yamashita: m-yamashita@md.tsukuba.ac.jp
Associate Professor, Rieko Muta: rieko_muta@md.tsukuba.ac.jp

Major Scientific Interests of the Group
The main research topic of our team is the quality of life and physical and psychological wellbeing in cancer patients/survivors. We are trying to test the effect of support for cancer survivors’ self-management.

Projects for Regular Students in Doctoral or Master’s Programs
1) Quality of Life of Cancer Patients
2) Palliative Care and Spiritual Care for Cancer Patients

Study Programs for Short Stay Students (one week – one trimester)
Preparation in progress

Selected Publications
Psychiatric and Mental Health Nursing

Principal Investigator  Chizuru Mori
E-mail.address  mori@md.tsukuba.ac.jp
URL  http://www.md.tsukuba.ac.jp/nursing-sci/mentalhealth/

Other Faculty Members
Assistant Professor Tomokazu Sugaya: sugaya@md.tsukuba.ac.jp

Major Scientific Interests of the Group
1. Rehabilitation Nursing for Patients with Mental Health disorders
2. Nursing Care for Drug and Alcohol Addicts
3. Study on Nursing for Eating Disorders
4. Child and Adolescent Psychiatric Nursing
5. Nursing Education

Projects for Regular Students in Doctoral or Master’s Programs
1) Nursing intervention program for people with mental disorders
2) Development of psychological scale on nursing
3) Concepts and theories on psychiatric and mental health nursing
4) Investigation of current situation concerning psychiatric and mental health nursing

Study Programs for Short Stay Students (one week – one trimester)
1) Critique and discussion on psychiatric and mental health nursing papers and research

Selected Publications
1) Sugaya T, Mori C. A Study of Self-esteem in Junior High School Students with Mental Disorders: Relationship between social skills and sense of belonging. Clinical Psychiatry, 60, 1283-1292, 2018.
3) Fukuta D, Mori C. Intervention program to improve executive functions and enhance planning abilities of patients with mild cognitive disorder. Rehabilitation Nursing, 2018.
6) Sugawara H, Mori C. The self-concept of person with chronic schizophrenia in Japan. Neuropsychopharmacology Reports, 2018
International Community Care and Lifespan Development: Empowerment Sciences

Principal Investigator  Tokie Anme, PhD.
E-mail.address             anmet@md.tsukuba.ac.jp

Major Scientific Interests of the Group
1) Community empowerment
2) Plasticity of lifespan development and implications
3) System sciences for health social services

Projects for Regular Students in Doctoral or Master’s Programs
1) Cross-Cultural Perspectives on Community Care and Health-Social Services
2) Lifespan Development and Environment
3) Health Promotion and Community Empowerment
4) Child and Elderly Abuse Prevention
5) Human Interface with Universal Design: Artificial Intelligence, Assistive devices, Housing, and Community Environments

Study Programs for Short Stay Students (one week – one trimester)
1) Cross-Cultural Perspectives on Community Care and Health-Social Services
2) Health Promotion and Community Empowerment

Selected Publications
1) Empowerment science for professionals enhance inclusion and a world of possibilities, Nihon Shoni iji Shuppansyh, 2018
5) Culture, Care and Community Empowerment: International Applications of Theory and Methods, Kawashima Press, 2008
Public Health and Public Health Nursing

Principal Investigator  Tomoko Sankai  
E-mail.address  sankai_tomoko@md.tsukuba.ac.jp

Other Faculty Members
Associate Professor Tomoko Omiya: toomiya@md.tsukuba.ac.jp
Assistant Professor Naoko Deguchi: ndeguchi@md.tsukuba.ac.jp

Major Scientific Interests of the Group
Researches on public health, public health nursing, epidemiology, occupational health and school health

Projects for Regular Students in Doctoral or Master’s Programs
1) Epidemiological research on lifestyle-related diseases, especially cardiovascular disease and stroke
2) Long-term conducting cohort surveys and surveillances
3) Practical activities of disease prevention, such as health education

Selected Publications


Nursing Science and Engineering

Principal Investigator  Hisayo Okayama  R.N., N.M., Ph.D.
E-mail.address  okayama@md.tsukuba.ac.jp
URL

Other Faculty Members
Associate Professor Yoshihiro Asano: millet@md.tsukuba.ac.jp

Major Scientific Interests of the Group
In the current medical care system, evidence-based medical practice is considered as the standard. Evidence-based practice of nursing is also required in the area of nursing. Our research group aimed to evaluate nursing practice objectively and investigate its safety and evidence of such safety by conducting a research that integrated medicine, science and, engineering. Further, we developed new technology and equipment by focusing on clinical needs, heeding the medical staff’s voices such as we could provide better care if certain equipment was available. Our research has been guided by a respect for the viewpoints of clients, particularly those of women and children.

Projects for Regular Students in Doctoral or Master’s Programs
1) Verification of a pelvic floor muscle training for a female pelvis bottom functional disorder
2) Change of female hormone and the quantitative evaluation of a cerebral blood flow
3) Research on the mental health of a maternal period, and the women’s health nursing
4) Relationship between nursing practice and intelligence activities

Study Programs for Short Stay Students (one week – one trimester)
1) Study of Nursing Science and Engineering
2) Study of mental health of a maternal period, and the women’s health nursing

Selected Publications
6) Asano Y: Air Change Rate near Patient Model in Unidirectional Airflow of Biological Clean Room: An Experimental Study. Earozoru Kenkyu, 24(1), 30-38, 2009
Rehabitation Nursing, Chronic illness care

Principal Investigator   Kikue Hidaka
E-mail.address   kikueh@md.tsukuba.ac.jp
URL   Preparation in progress

Other Faculty Members
Associate Professor   Taiga Shibayama: taiga@md.tsukuba.ac.jp
Assistant Professor   Yoshiki Abe: ayosh@md.tsukuba.ac.jp
Assistant Professor   Hiromi Haginoya: hagi@md.tsukuba.ac.jp

Major Scientific Interests of the Group
1) Rehabilitation Nursing
2) Chronic Illness Care
3) Nursing Skill
4) Nursing Education
5) Occupational Health Nursing

Projects for Regular Students in Doctoral or Master's Programs
1) Oral self-management behaviors in patients with type 2 diabetes
2) Fatigue in patients with multiple sclerosis

Study Programs for Short Stay Students (one week – one trimester)
Preparation in progress

Selected Publications


Gerontological Nursing & Caring

Principal Investigator  Yumi Hashizume  hashizume.yumi.gu@u.tsukuba.ac.jp

Other Faculty Members
Assistant Professor Noriko Okamoto: n-okamoto@md.tsukuba.ac.jp

**Major Scientific Interests of the Group**
Having been faced super aging society, we are striving useful research and educational activities for elderly people and their families, and all aging population who are in need of caring. I am interested in the following theme and our group are good at mixed method with qualitative research method such as Grounded Theory Approach.

- Health promotion of family caregivers of frail elderly parent
- Supporting middle-aged couples (foreign bride and Japanese spouse) who take care of aging family members
- Gender issues on family caregiving
- Family caregiving in Mongolia

**Projects for Regular Students in Doctoral or Master’s Programs**
Characteristics of elderly who have hypertension and depression in China.

The relationship between alcohol drinking habit and quality of sleep in community-dwelling elderly.

The relationship between smoking, depression and sleep quality in the elderly.

**Study Programs for Short Stay Students (one week – one trimester)**
Site visit on Japanese long-term-care: Toyamagata-day service

**Selected Publications**

1) Yumi Hashizume, The coping with the oppressed feelings program: a pilot feasibility study for employed female caregivers of aging parents. Journal of Nursing and Practice, 2 (2), 62-72, 2018

2) Yumi Hashizume, Releasing from the oppression: caregiving for the elderly parents of Japanese working women. Qualitative Health Research, 20 (6), 830-844, 2010


Livelihood Support Science

Principal Investigator   TOKUDA Katsumi
E-mail.address   tokudakatsumi@nifty.com
URL   http://ktokuda.la.coocan.jp/

Other Faculty Members
Associate Professor MIZUNO Tomomi: mizunotomomi@nifty.com
Assistant Professor MASU Hideo: hmasu@md.tsukuba.ac.jp

Major Scientific Interests of the Group
1. Child Care
2. Barrier-free
3. Disable Sociology
4. Understanding Special Needs
5. Child Care for children with developmental disorders

Projects for Regular Students in Doctoral or Master’s Programs
1) Development of a training program to raise children with developmental disorders
2) Study regarding children with developmental disabilities in Indonesia
3) Support for parents who have children with food allergies

Study Programs for Short Stay Students (one week – one trimester)
1) Consultation on children with developmental disorders

Selected Publications
3) MIZUNO T. Characteristics of Children Evaluated by Parents with Infants: From a comparison with survey results of about 15 years ago. The Asian Journal of Child Care, 2016, 7, 29-36.
Health Services Research

**Principal Investigator**  Nanako Tamiya  
**E-mail.address** ntamiya@md.tsukuba.ac.jp  
**URL** http://www.md.tsukuba.ac.jp/hsr/index.html

Other Faculty Members  
Associate Professor Takehiro Sugiyama: tsugiyama@md.tsukuba.ac.jp  
Associate Professor Takahiro Mori: takahiromori@md.tsukuba.ac.jp  
Assistant Professor Masao Iwagami: iwagami@md.tsukuba.ac.jp  
Assistant Professor Tomoko Ito: tito@md.tsukuba.ac.jp

**Major Scientific Interests of the Group**
We assess and analyze the quality of various medical services (including nursing, health and welfare care) using the health services research method. Our goal is to improve the quality of services via outcome research though an interdisciplinary research approach. We use verified data to help realize the idea of medical care in harmony with life.

**Projects for Regular Students in Doctoral or Master's Programs**
1) Useful regional indicators for the planning of long-term care projects (assistance): using claim data from the national long-term care system and others.  
2) Verification of the method of linking medical care information and construction of logic and regional difference analysis of medical care  
3) Study on factor analysis of healthy life expectancy and regional disparity and validation of health promotion measures

**Study Programs for Short Stay Students (one week – one trimester)**
Part of the aforementioned projects 1) ~ 3)

**Selected Publications**
6) Jeon B, Tamiya N, Yoshi S, Iijima K, Ishizaki T. Potentially avoidable hospitalizations, non-potentially avoidable


Global Health Nursing

Principal Investigator  Professor Asako Takekuma Katsumata
E-mail.address  asakotk@md.tsukuba.ac.jp
URL  http://www.md.tsukuba.ac.jp/nursing-sci/ghn

Other Faculty Members
Assistant Professor Keiko Sugimoto: ksugim3@md.tsukuba.ac.jp
Assistant Professor Togoobaatar Ganchimeg: ganchimeg-t@md.tsukuba.ac.jp
Assistant Professor Rieko Kishi Fukuzawa: rkishi1@md.tsukuba.ac.jp

Major Scientific Interests of the Group
Clinical Nurse Leader, Respectful maternity care, Primary Health Care

Projects for Regular Students in Doctoral or Master’s Programs
1. Nursing Leadership
2. Safety and Quality of care; Process improvement
3. Palliative Care
4. Postpartum depression; Posttraumatic stress
5. Respectful maternity care; “WHO recommendations: intrapartum care for a positive childbirth experience”
6. Nursing support for foreign patients; cultural competency

Study Programs for Short Stay Students (one week – one trimester)
1. Global health leadership program for nurses

Selected Publications


Clinical Trial and Clinical Epidemiology

Principal Investigator  Yukiko Wagatsuma
E-mail address  ywagats@md.tsukuba.ac.jp
URL  http://www.md.tsukuba.ac.jp/epidemiology/

Other Faculty Members
Professor  Masahiko Gosho: mgosho@md.tsukuba.ac.jp
Associate Professor Kazushi Maruo: maruo@md.tsukuba.ac.jp
Assistant Professor Mizuho Fukushige: m.fukushige@md.tsukuba.ac.jp

Major Scientific Interests of the Group
Clinical trial and clinical epidemiology have been evolved in modern medicine. That helps to understand the conceptual gaps between structured experience of basic science and the more complex, open-ended problems arising for the care of patients. Based on the principals of clinical trials and the use of clinical epidemiology, we tried to provide the evidence towards improving the care of the patients.

Projects for Regular Students in Doctoral or Master's Programs
1) The members of our research group take challenges on the development and application of epidemiologic techniques and provide relevant evidences for diagnosis, treatment and prevention.
2) Biostatistics is applied statistics for medical and biological research, and aims to develop, apply, advice on statistical methodology for study design and data analysis in the research.

Study Programs for Short Stay Students (one week – one trimester)
1) The Department provides the environment to learn the principles of clinical epidemiology through practical implementation of researches.
2) The Department also provides an environment to pursue research and education in biostatistics. The research in the department is categorized by methodology and practice.

Selected Publications


Legal Medicine

Principal Investigator  Katsuya Honda
E-mail.address  k-honda@md.tsukuba.ac.jp

Other Faculty Members
Associate Professor Yukiko Sugano

Major Scientific Interests of the Group
1) Development of innovative DNA profiling
2) Pathology of the cardiac sudden death
3) Development of a hypersensitive toxicological test
4) Study of the social aspect of the medical history

Projects for Regular Students in Doctoral or Master’s Programs
Mitochondrial polymorphisms associated with fetal diseases in Japanese
Forensic DNA analysis using next generation sequencing

Study Programs for Short Stay Students (one week – one trimester)
Forensic DNA typing, LC/MS/MS and GC analysis, ICP-AES analysis, Microscopic Analysis

Selected Publications
Global Public Health

Principal Investigator   Masao Ichikawa
E-mail address   masao@md.tsukuba.ac.jp
URL   https://tsukuba-gph.amebaownd.com/

Other Faculty Members
Assistant Professor Ai Hori   horiai@md.tsukuba.ac.jp
Junior Assistant Professor Rie Tanaka   riet@md.tsukuba.ac.jp

Major Scientific Interests of the Group
“The existing gross inequality in the health status of the people, particularly between developed and developing countries as well as within countries, is politically, socially, and economically unacceptable and is, therefore, of common concern to all countries.” (The Declaration of Alma-Ata, September 1978) With this statement in mind, we are conducting action- and problem-oriented researches in the various fields of public health using epidemiological and statistical methods. Making change happen is difficult but we believe it is possible through scientifically sound researches.

Projects for Regular Students in Doctoral or Master’s Programs
Intervention and observation studies in various fields of epidemiology including injury, nutrition, mental health, and emergency medicine

Study Programs for Short Stay Students (one week – one trimester)
Not available

Selected Publications
Health Care Policy and Health Economics

Principal Investigator  Masahide Kondo
E-mail.address  mkondo@md.tsukuba.ac.jp
URL  http://www.md.tsukuba.ac.jp/community-med/health_care_policy-health_economics/index.html

Other faculty members
Assistant Professor Reiko Okubo reiko-okubo@md.tsukuba.ac.jp

Major Scientific Interests of the Group
The application of economics and other social sciences for health care policy & health policy in order to improve the health of populations around the world.

Projects for Regular Students in Doctoral or Master’s Programs
1) Health care financing in Nepal in the era of Universal Health Coverage
2) Characteristics of hospital care in Japan
3) Economic evaluation of immunisation programmes in Japan

Study Programs for Short Stay Students (one week – one trimester)
1) An application of economics for health care policy. A topic is to be decided on demand basis by negotiation.

Selected Publications