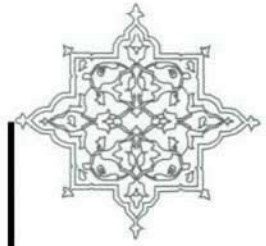


تاریخ: ۱۴۰۱/۰۵/۲۴

شماره: ۱۶/۱۳۰۷۹۲

پیوست:



معاونان و مدیران محترم همکاری های علمی بین المللی:

دانشگاهها، مراکز آموزش عالی و مراکز پژوهشی

سلام علیکم

احتراما، بنابر اعلام وزارت امور خارجه، اطلاعاتی درباره بورس های تحصیلی:

"بنیاد ماتسومائه"

و

"دانشکده تحصیلات تکمیلی علوم کشاورزی، دانشگاه توتوری ژاپن"

جهت اطلاع و بهره برداری تقدیم می شود.

این بنیاد سالانه ۱۰ بورس در رشته های علوم طبیعی، مهندسی و پزشکی به داوطلبان اعطا می نماید. همچنین اطلاعات و فرم های ثبت نام در دوره های دکتری دانشگاه توتوری، به ضمیمه ارسال می شود. لازم است داوطلبان مستقیما به وبگاه های بنیاد ماتسومائه و دانشگاه توتوری مراجعه و ثبت نام کنند.

محمدرضا محمدزاده عطار

معاون همکاری های علمی و سازمان های تخصصی

مرکز همکاری های علمی بین المللی

نشانی:

تهران شهرک قدس

میدان صنعت، خیابان

خوردین، خیابان هرمزان

نبش خیابان پیروزان جنوبی

کد پستی: ۱۴۶۶۶-۶۴۸۹۱

شماره تلفن: ۸۲۲۳۱۰۰۰

صندوق پستی:

تهران ۱۵۱۳-۱۴۶۶۵

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شماره پیگیری
۹۶۶۵۷۵۸



DIRECTIONS FOR APPLICATION
FOR
THE SPECIAL ADMISSION OF FOREIGN STUDENTS
FOR ADMISSION IN APRIL • OCTOBER, 2023
(THREE-YEAR DOCTORAL COURSE)
The United Graduate School of Agricultural Sciences, Tottori University

The United Graduate School of Agricultural Sciences (UGSAS), Tottori University, was founded in 1989 offering an independent three-year Doctoral course. The UGSAS is organized on the bases of the three Master's Courses of Tottori, Shimane and Yamaguchi Universities, in the research facilities at the three universities. The UGSAS is operated in close alliance and cooperation with the Master's Courses of the three constituent Universities.

This graduate school aims to develop researchers and competent professionals who have the capabilities, in-depth knowledge, and advanced skills that enable them to pursue issues in agriculture and related fields, who can contribute to the development of science and technology and meet the demands of regional communities and international society. Our Graduate School seeks foreign students, (1) who have the basic knowledge and academic ability required in each major field of Bioproduction and Bioenvironmental Sciences, Bioresource and Life Sciences and Global Dryland Science; (2) who are motivated to acquire a higher level of expertise and skills and engage in original research by leveraging such expertise and skills; and (3) who are eager to contribute to the development of science and technology and the demands of regional and international communities.

1. FIELDS OF STUDY AND NUMBER OF STUDENTS FOR ADMISSION

(1) Fields of Study:

Applications for any field of Bioproduction and Bioenvironmental Sciences, Bioresource and Life Sciences and Global Dryland Science are accepted, provided that each applicant selects a suitable academic major supervisor at UGSAS.

(2) Number of Students for admission:

A limited number of students funded privately or by the other sources (hereafter "Personal Funds").

2. QUALIFICATIONS

(1) Nationality: Applicants with personal funds who are living outside of Japan at the time of application.

Applicants should be nationals from countries which have a diplomatic relation with Japan.

(2) Age: There is no age limitation for applicants with personal funds.

(3) Academic career: Applicants should have or be expected to earn a master's degree by the end of March 2023 to enroll in classes in April 2023. Applicants should be expected to earn a master's degree by the end of September 2023 to enroll in classes in October 2023.

(4) Health: Applicants should be in good mental and physical health.

(5) Language proficiency: A good working level of English or Japanese is required.

(6) Arrival in Japan: Successful applicants who wish to enroll in classes in April 2023 must arrive in Japan between April 1 and 7, 2023. Successful applicants who wish to enroll in classes in October 2023 must arrive in Japan between October 1 and 7, 2023.

(7) Note:

(A) Applicants must have a recommendation from the dean of the faculty (or someone higher in position) of the university or institution.

(B) Applicants must be available for an interview with the members of the oral examination committee via videoconference or other means to take an oral examination.

3. APPLICATION FOR ADMISSION, EXAMINATION SCHEDULE, AND ADMISSION DECISIONS

	Deadline	Remarks
Application	Applicants who wish to enroll in classes in April 2023: June 1 (Tue.), 2022 - November 25 (Fri.), 2022 Applicants who wish to enroll in classes in October 2023: June 1 (Wed.), 2022 – May 26 (Fri.), 2023	Submit the application through the desired major supervisor to the UGSAS.
Examination	An examination schedule (for an oral exam) will be reported to the applicant through the prospective major supervisor within 30 days of the submission of the application. Applicants who wish to enroll in classes in April 2023: An oral exam is scheduled sometime between July 1 (Fri.), 2022 and December 16 (Fri.), 2022. Applicants who wish to enroll in classes in October 2023: An oral exam is scheduled sometime between July 1 (Fri.), 2022 and June 30 (Fri.), 2023	An oral exam will be conducted as specified in Section “5. Procedure for the Selection of Graduate Students.”
Admission Decisions	Admission decisions will be reported to the applicant through the prospective major supervisor within 30 days of the oral exam.	Acceptance letters will be mailed to successful applicants.

4. APPLICATION PROCEDURE

An applicant should submit the following documents through the desired major supervisor during an application period. Applications directly mailed to UGSAS are not accepted.

Documents:

- (1) Application Form (Use Form No. 1-2)
- (2) Photograph: One photograph (4 cm x 3 cm) should be pasted on the application form. Photograph should be taken from the front, from the chest up, bare-headed, and taken within the last three months.
- (3) Curriculum Vitae (Use Form No. 2)
- (4) A certificate for the master's degree or a certificate issued by the applicant's graduate school indicating that the applicant will be receiving or has received a master's degree by the end of March/ September 2023.
- (5) Evaluation: This evaluation must be written by the dean of the applicant's graduate school (Form No. 3 can be used).
- (6) Application Fee: 30,000 JPY (paid in cash).
- (7) Master's Thesis
 - (A) Applicants who have completed a master's course:
 - (a) A copy of the master's thesis, or published manuscript equivalent to the thesis.
 - (b) A summary of the master's thesis in English (about 1,200 words). Use A4 paper and attach a cover sheet (Form No. 5).
 - (B) Applicants who anticipate receiving a master's degree:
 - (a) Describe your research program in English (A4 size, about 5,000 words). This report may include tables and figures.
 - (b) A summary of the research program in English; details are the same as in ((A)-(b))

- (8) Research Proposal: Describe your research proposal (goal, objectives, experimental design). Use A4 paper and attach a cover sheet (Form No. 6)
- (9) Letter of Application: Describe why you chose our graduate course, and state your future goals. Use A4 paper and attach a cover sheet (Form No. 7)
- (10) Letter of Permission for Application (Use Form No. 8): If you are working for a public or private institution, arrange a letter of permission from your supervisor at your place of employment.
- (11) Copy of passport or Certificate of citizenship issued by the applicant's municipal authority.
- (12) Recommendation Letter from the President of the University or Dean of the Faculty.

Notes:

- ① These documents should be either typewritten or printed neatly in English or Japanese. Application forms can be downloaded from the Website (<http://rendai.muses.tottori-u.ac.jp/english/recruit/index.html>).
- ② Applications will not be accepted unless all documents are fully and correctly completed and delivered by the due dates.
- ③ None of the documents submitted will be returned to the applicants.
- ④ Each applicant should select a professor as the prospective major supervisor and contact the professor when preparing the application documents. Any application without nominating a professor as the major supervisor will not be accepted.
- ⑤ The application fee is nonrefundable once paid.

5. PROCEDURE FOR THE SELECTION OF GRADUATE STUDENTS

- (1) Graduate students will be selected through a comprehensive evaluation of the oral examination, the documents submitted, and other elements.
- (2) During an interview for the oral exam conducted via videoconference, at least three members of the oral exam committee (who are one or more faculty members of each of the constituent universities and which include the prospective major supervisor) will spend about 50 minutes reviewing the master's thesis and the research proposal (roughly 30 minutes for the description of the Master's thesis and 20 minutes for questions and answers).
- (3) The method of the oral exam is subject to approval by the board of representatives following the submission of the Notice of the Method of the Oral Exam (Form No. 12) by the prospective major supervisor to the dean of the faculty.

6. ADMISSION PROCEDURES, ETC.

- (1) Period of Admission Procedures:
 - (A) Successful applicants who wish to enroll in classes in April 2023 are expected to complete the procedures by the beginning of March 2023. They will be notified of the period at a later date.
 - (B) Successful applicants who wish to enroll in classes in October 2023 are expected to complete the procedures by the beginning of September 2023. They will be notified of the period at a later date.
- (2) Fees on entrance
 - (A) Admission fee: 282,000 JPY (proposed).
 - (B) Tuition: 267,900 JPY (proposed) for the first semester (annually 535,800 JPY). Tuition may be revised each school year.
 - (C) ① Personal accident insurance for students pursuing education and research (Hereafter "Gakkensai"): This insurance compensates for physical injuries suffered students in their intra-curricular activities both on and off

campus, and extra-curricular activities on campus. All students enrolled have to pay the premium of 2,600 yen for three years.

②Insurance for International Students (Type E) : This insurance covers (1) Personal compensation responsibility : in case of causing injury to another person or damaging the property of others, (2) Rescuer expenses, etc. : compensate for the payment of transportation and accommodation expenses in case family members come to Japan to support the insured if he/she is hospitalized due to injury or illness for more than 3 days. (3) Movable property for daily use : in case of incurs a damage because his household goods are subject to fire or robbery in Japan. (4) Tenant Liability : in case of causing damage to a rented room due to an accident involving fire or water leakage in Japan. (Unlike "Gakkensai", there is no restriction on time and place) All International students enrolled have to pay the insurance premiums (3 years): 9,270 yen

[Additional Benefits]

The National Health Insurance scheme is a fundamental part of Japan's medical care system. It is designed to cover a portion of the medical expenses incurred by citizens.

To apply for National Health Insurance, go to your local municipal government offices and follow the required procedures as instructed. After joining the scheme, you will only be responsible for paying 30% of any medical expenses you incur. (Exceptions apply in some cases.)

7. EDUCATION

The successful applicants will be enrolled as full-time graduate students and under supervision and instruction in English or Japanese. Each student is supervised by faculty members of the three constituent Universities with a professor as a major supervisor and two professors as sub-supervisors. Although each student studies at a constituent University where the major supervisor resides, the student can use the training and research facilities at the other two constituent Universities.

8. NOTE

- (1) If false statements were made in the application dossiers, admission shall be rejected even after having been accepted by the United Graduate School.
- (2) With enrollment, new students are advised to become well informed about the Japanese climate, customs, manners, and other cultural aspects in general before coming to Japan. It is strongly advised that they study the Japanese language. Knowledge of the Japanese language is very helpful to newcomers to Japan.

More detailed information and all correspondence about this program is available from the following:

The United Graduate School of Agricultural Sciences, Tottori University
4-101, Koyama-Minami, Tottori, 680-8553, Japan
Tel: +81-857-31-5446 Fax: +81-857-31-5683 (81 is the international code for Japan)
E-mail: ag-rengaku@ml.adm.tottori-u.ac.jp

Address of Constituent Universities:

*Tottori University

Faculty of Agriculture, Tottori University, 4-101, Koyama-Minami, Tottori, 680-8553, Japan
Tel: +81-857-31-5446 Fax: +81-857-31-5683 (81 is the international code for Japan)

*Shimane University

General Affairs Division, Matsue Faculties Administration Department, Shimane University, 1060, Nishikawatsu, Matsue, 690-8504, Japan
Tel: +81-852-32-6493 Fax: +81-852-32-6125 (81 is the international code for Japan)

*Yamaguchi University

Faculty of Agriculture, Yamaguchi University, 1677-1, Yoshida, Yamaguchi, 753-8515 Japan
Tel: +81-83-933-5800 Fax: +81-83-933-5820 (81 is the international code for Japan)

List of Major Supervisors and their Research Interests

The United Graduate School of Agricultural Sciences offers doctoral programs in the following three major courses : Bioproduction and Bioenvironmental Sciences ; Bioresource and Life Sciences and Global Dryland Science. Each course contains one to four Divisions ; and each Division offers basic and applied research programs. Faculty members (Professors and Associate Professors who serve as Major Supervisors) and their active research programs are listed below.

1. THE COURSE OF BIOPRODUCTION AND BIOENVIRONMENTAL SCIENCES

(a) Division of Agricultural Production Science

ARAKI Hideki (Y)	Agronomy	Function of plant production under environmental stresses and its agronomical application
OHTA Katsumi (S)	Horticultural Plant Science	Studies on growth control in horticultural plants
KOBAYASHI Nobuo (S)	Horticultural Breeding	Evaluation of plant genetic resources and applications for breeding
TAKAHASHI Tadashi (Y)	Crop Science	Establishment of low-cost and low-input crop cultivation systems
TAKEMURA Yoshihiro (T)	Horticultural Science	Studies on the crop ecophysiology in horticultural crops
TANAKA Hiroyuki (T)	Plant Genetics	Genetic and breeding studies on improving quality of wheat flour
TSURUNAGA Yoko (S)	Food Processing	Studies on manufacturing method and functionality in food processing
NAKATSUKA Akira (S)	Molecular Breeding of Horticultural Crop	Molecular breeding for agriculturally useful traits in horticulture crops
NONAMI Kazuyoshi (T)	Agricultural Production Engineering	Mechanization of agricultural work
MATSUMOTO Shingo (S)	Biochemistry of Soil and Plant Nutrition	Studies on the mechanism of plant nutrient acquisition in relation to soil fertility
MATSUMOTO Toshikazu (S)	Fruit Science	Studies on fruit growing and processed food
YANO Akira (S)	Bioenvironmental Electrical Engineering	Application of electrical engineering to bioenvironmental technologies
YAMAMOTO Haruhiko (Y)	Environmental Information Science	Growth diagnosis of plant canopies by optical measuring methods

(b) Division of Managerial Economics

INOUE Norikazu (S)	Farm Management	Farming practices and resource management on farm businesses
TANEICHI Yutaka (Y)	Agricultural Marketing	Study on distribution of agricultural products and agricultural materials
TSUTSUI Kazunobu (T)	Rural Geograph	Studies on regional economy and community development in Rural areas
NOHMI Makoto (T)	Rural Economics	Development and application of regional analysis methods
MATSUDA Toshinobu (T)	Economics of Consumer Behavior	Empirical analysis of consumer behavior, especially food demand
MATSUMURA Ichizen (T)	Farm Management	Studies on the relationship between farm management and rural society

WAN Li (T)	Marketing Information Analytics	Agricultural products distribution channels and econometric analysis of market information
YASUNOBU Kumi (T)	International Agricultural Development Studies	Agricultural and rural development in Southeast Asia

(c) Division of Forest and Watershed Environmental Sciences

ISHII Masayuki (S)	Regional Infrastructure Engineering	Development of designing method for renovation of irrigation facilities
NAGAMATSU Dai (T)	Plant Ecology	Population dynamics of forest and grassland, vegetation science and biodiversity conservation.
HIOKI Yoshiyuki (T)	Conservation and Restoration Planning of Ecosystem	Ecological planning and engineering for conservation and restoration of biodiversity
FUJIMOTO Takaaki (T)	Wood Physics	Analysis of wood property variation, and development of measurement techniques

(d) Division of Environmental Bioscience

UENO Makoto (S)	Plant Pathology	Studies on the expression of resistance in plant-microbe interaction
KAMINAKA Hironori (T)	Plant-Microbe Interactions	Molecular mechanisms of immune response and mycorrhizal symbiosis in plants
KARASAWA Shigenori (T)	Biodiversity	Genetic diversity and species diversity of invertebrates
KIHARA Junichi (S)	Plant Pathology	Photoresponses of the phytopathogenic fungi
KODAMA Motoichiro (T)	Plant Pathology	Molecular mechanisms in plant-microbe interactions and plant disease resistance
TAKEMATSU Yoko (Y)	Ecological Entomology	Biodiversity and ecology of termites
MIYANAGA Ryoichi (S)	Insect Ecology	Biology and management of wild bees
YAMAGUCHI Keiko (S)	Aquatic Ecology	Studies on ecology of benthic animals and aquatic environments

2. THE COURSE OF BIORESOURCE AND LIFE SCIENCES

(a) Division of Fungus and Mushroom Sciences

AIMI Tadanori (T)	Biochemical Technology of Microorganisms	Biochemistry, molecular biology and biotechnology of microbial production
SHIMOMURA Norihiro (T)	Mushroom Breeding and Cultivation	Studies on breeding and cultivation of mushroom resources
SOTOME Kozue (T)	Mushroom Phylogeny and Taxonomy	Phylogenetic taxonomy of mushrooms, and ecological researches of wood-decaying basidiomycetes.

(b) Division of Bioscience and Biotechnology

ARIMA Jiro (T)	Bio-Functional Chemistry	Functional analysis of enzymes and microorganisms, and their application to industry
ISHIKAWA Takahiro (S)	Plant Molecular Physiology	Biosynthesis pathway of antioxidants and metabolism of reactive oxygen species in photosynthetic organisms
IWASAKI Takashi (T)	Bioregulatory Chemistry	Development and screening of bioactive substances regulating biological function

KAWAMUKAI Makoto (S)	Genetic Engineering	Signal transduction, cell cycle control and biosynthesis of coenzyme Q in yeasts
SHIOTSUKI Takahiro (S)	Insect Chemical Biology and Agrobio-Regulators	Chemical biology and molecular mechanisms in regulation of insect development and their applications
NAKAGAWA Tsuyoshi (S)	Plant Molecular Genetics	Molecular mechanisms of plant development and technology for analysis of plant genes
MATSUO Yasuhiro (S)	Microbial Genetics	Cell signaling and cell cycle control in fission yeast
MANO Jun'ichi (Y)	Mechanisms of Environmental Stress-tolerance in Plants	Elucidation and application of plant tolerance mechanisms against abiotic environmental stresses
MARUTA Takanori (S)	Plant Physiology	Redox metabolism network and stress response in plants

(c) Division of Applied Bioresource Chemistry

AZAKAMI Hiroyuki (Y)	Molecular Microbiology	Molecular mechanisms of bacterial colonization to host surface
ISHIHARA Atsushi (T)	Natural Product Chemistry	Function, Biological activity, and Biosynthesis of metabolites produced by plants and microorganisms
ICHIYANAGI Tsuyoshi (T)	Organic Chemistry	The molecular design and functional analysis of bioactive compounds
KAWANO Tsuyoshi (T)	Bioorganic Chemistry	Regulation of diapause, metabolism and longevity corresponding to the growth environment
SHIMIZU Hidehisa (S)	Nutritional Pathophysiology	Study on the relationship between food-derived bacterial metabolites or cyanobacteria-derived toxins, and pathogenesis of diseases
TAMURA Jun-ichi (T)	Organic Chemistry	Chemical synthesis of bioactive glycans and isolation/characterization of natural glycans
MUROTA Kaeko (S)	Bioavailability and Food Function	Bioavailability and physiological function of lipophilic food factors
YABUTA Yukinori (T)	Nutritional Science	Studies on the function of antioxidant vitamins and oxidative stress response
YAMAMOTO Tatsuyuki (S)	Bio-molecular Spectroscopy	Spectroscopic studies on life science and medical applications
WATANABE Fumio (T)	Food Science	Chemistry and nutrition of vitamin B12 and related compounds in food

3. THE COURSE OF GLOBAL DRYLAND SCIENCE

(a) Division of Global Dryland Science

AKASHI Kinya (T)	Molecular and Cellular Biology	Molecular responses of drought-tolerant plants and their application to molecular breeding
AYEHU Nigussie Haregeweyn (T)	Land Management	Watershed processes monitoring, modeling and management
AN Ping (T)	Plant Eco-Physiology	Physiological responses and relative mechanisms of plants and plant ecophysiology in dry lands.
ICHINOHE Toshiyoshi (S)	Livestock Feeding	Evaluation of ruminants production system
INOSAKO Koji (T)	Soil and Water Management	Conservation, restoration and sustainable use of soil and water environment
IBARAKI Yasuomi (Y)	Bio-environmental Control Engineering	Environmental control in plant production

ENDO Tsuneyoshi (T)	Soil Chemistry	Influence of soil properties and irrigation water quality on soil salinization/sodication in irrigated farmlands of arid regions
OGATA Hidehiko (T)	Irrigation and Drainage Facilities Engineering	Evaluation of construction materials and structural performance of irrigation and drainage structures
KINUGASA Toshihiko (T)	Dryland Restoration and Conservation Ecology	Ecology and ecophysiology of plants in arid and semi-arid grasslands
KIMURA Reiji (T)	Boundary Layer Meteorology	Heat and water balance in arid lands
KUROSAKI Yasunori (T)	Dryland Climatology	Climate change and variability, wind erosion, dust emission in drylands, and impacts of aeolian dust on climate
SHIMIZU Katsuyuki (T)	Water Use and Management	Monitoring and assessment of irrigation water management
SUZUKI Kenji (Y)	Meteorology	Observational study on precipitation mechanisms and development of instruments for hydrometeor measurements
TANIGUCHI Takeshi (T)	Microbial Ecology	Soil and root microbial ecology and the application
TSUJIMOTO Hisashi (T)	Molecular Breeding	Breeding of drought tolerant crop lines by gene and chromosome engineering
TSUNEKAWA Atsushi (T)	Conservation Informatics	Monitoring and modeling of plant production and ecosystem change in drylands
TSUBO Mitsuru (T)	Climate Risk Management	Dryland agrometeorology and climate-smart agriculture
TODERICH Kristina Nikolaevna (T)	Dryland Salinity and Landscape Restoration	Salinization in drylands and restoration of affected landscape using halophytes and non-conventional crops
NISHIHARA Eiji (T)	Crop Production in Drylands	Construction of crop production system in areas including drylands
HYODO Masahiro (T)	Facilities and Environmental Materials	Rehabilitation management of agricultural irrigation facilities and development of environmental materials
FUJIMAKI Haruyuki (T)	Soil Conservation	Development of methods for preventing salt accumulation and erosion and remediation of degraded soils
MASUNAGA Tsugiyuki (S)	Pedosphere Ecological Engineering	Control and use of soil functions of environmental protection-restoration and plant production
YAMADA Satoshi (T)	Plant Nutrition	Mechanisms of Response to Stresses of Plants in Arid Regions
YAMAMOTO Sadahiro (T)	Environmental Soil Science	Conservation of soil environment and sustainable use of farmland in arid regions

Abbreviations; T : Tottori University, S : Shimane University, Y : Yamaguchi University.



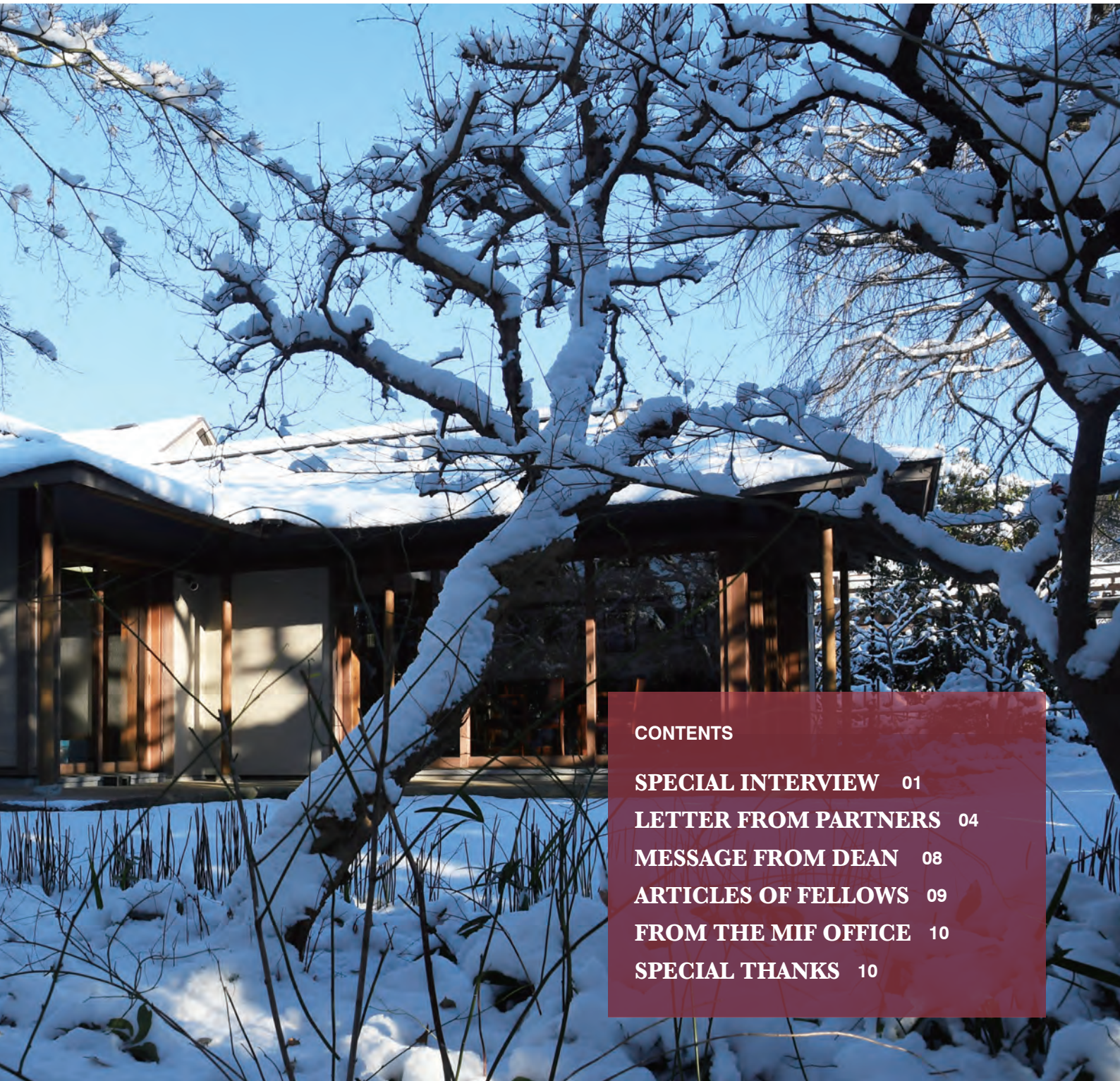
The Matsumae International Foundation

NEWSLETTER

【公益財団法人 松前国際友好財団 会報】

Bilingual Edition **No. 7**

March 2022



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Special Interview 特別インタビュー

Major Successes Based on the Founder's Philosophy

創設者の思想を胸に大いなる活躍を

Former Chairperson Prof. Dr. **Hirohisa UCHIDA**
内田裕久 前理事長

The Matsumae International Foundation (The MIF) reached a milestone in 2019 as it celebrated the 40th anniversary of its founding. The recipients of the MIF Research Fellowship so far, 850 researchers from 120 countries and regions, are active in a wide variety of fields, including academia, politics, and education, as they strive to solve the issues that their countries face. The MIF has received the following message for its fellows from Former Chairperson Prof. Dr. Hirohisa Uchida.

I have advised international students from many countries, including the MIF fellows, and from 2009 to 2017, I served as Chairperson of the MIF. My greatest pleasure is in the significant achievements and successes of alumni of my laboratory and the MIF fellows. When I visited other countries for academic conferences and the like during my term as Chairperson, fellows sometimes invited me into their homes. And in recent years, it has become possible to inquire about their circumstances via e-mail or social media. I can't help thinking that these kinds of ties are the treasured outcomes of the fellowship program. As a long-time researcher who has been involved in the development of hydrogen-based energy, I would like to send a little message to all of you.

As you all know, the interesting part of research is collecting knowledge that goes beyond concerns about ethnicity or religion to solve the world's problems. You discuss matters with people who hold various ideas and opinions and produce new discoveries by learning from one another. When these discoveries positively contribute to society, nothing can replace that joy. You cannot carry out good research by staying shut away in your laboratory. What we need as genuine researchers is an international mindset and an awareness of the need to broaden our horizons and put our ideas to practical use.

公益財団法人松前国際友好財団は2019年に創立40周年の節目を迎えました。財団がこれまでに日本に迎えた奨学者（120カ国・地域850人）はいま、それぞれの国が抱える課題を解決すべく、学術や政治、教育など幅広い分野で活躍しています。今回は内田裕久前理事長から奨学者に向けたメッセージをいただきました。

私はこれまで、松前国際友好財団の奨学者をはじめさまざまな国からの留学生を指導し、2009年から2017年の間には財団の理事長も務めました。その私にとって何よりの喜びは、研究室の卒業生や財団の奨学者の皆

さんが大いに活躍してくれていることにあります。理事長を務めていた時には、学会などで各国を訪れた際に奨学者のご自宅に招いていただいたこともあります。また近年では、メールやSNSなどで近況を聞くこともできます。そうした折々に、まさにこうした縁こそが宝と覚えてなりません。長く研究者として水素エネルギーの開発に携わってきた者の一人として、ささやかなメッセージを送りたいと思います。

研究の面白さは、人種や宗教を超えた英知を結集し、世界が抱えている問題を解決できるところにあるのは皆さんもご承知の通りです。さまざまな発想や考え方を持った人たちと議論し、切磋琢磨しながら新たな発見を生み出

Bibliography

1949 Born in Tokyo. Completed Master's Program at the Department of Material Science, Graduate School of Engineering, Tokai University. Completed Doctoral Program at Chemistry and Physical Metallurgy, University of Stuttgart. Researcher at Max-Planck-Institute (MPI) for Metals Research, Germany. and then joined Tokai University. Served as Dean of the School of Engineering; Vice Chancellor; Director; and Executive Trustee of Tokai University. While he served these positions at Tokai University, he concurrently served as leader of the "Uchida-Supermagnetic Materials Project" of the Kanagawa Academy of Science and Technology (KAST); visiting professor at the University of Paris-Sud (Paris 11) (Orsay); Japanese representative at the University-Industry Government Collaboration Committee of UNESCO; international evaluation committee member of the Institute of Physical Chemistry of the Polish Academy of Sciences; councilor for the Hydrogen South Africa (HySA) project; Chair of MIF; and advisor to the Kanagawa Prefectural Governor, President and Chief Executive Officer of Kanagawa Science Park, Inc. (KSP) and and President of Asian Science Park Association (ASPA). At present, Serves as; Distinguished Professor of



Tokai University, Japanese representative for the state of Baden-Württemberg, Germany; Honorary member of Deutsche Gesellschaft für Materialkunde (DGM); Fellow, Chair, & Vice President of the International Association for Hydrogen Energy (IAHE) etc.

プロフィール

1949年生まれ。東海大学大学院工学研究科修士課程金属材料工学専攻修了。シュトゥットガルト大学化学科金属学専攻博士課程修了。1975-1981年ドイツ・マックス・プランク金属材料研究所研究員などを経て、学校法人東海大学に入職。工学部長、副学長、学校法人理事・評議員などを歴任。そのほか、(財)神奈川科学技術アカデミー(KAST)「内田超磁性材プロジェクト」リーダー、パリ第11大学(オルセー)招聘教授、UNESCO国際産学官連携委員会日本代表、ポーランド科学アカデミー物理化学研究所国際評価委員、南アフリカ政府水素燃料電池プロジェクト(HySA)アドバイザー、(公財)松前国際友好財団(MIF)理事長、神奈川県知事参与、(株)ケイエスピー代表取締役社長、アジアサイエンスパーク協会(ASPA)会長等を歴任。現在、東海大学特別荣誉教授、ドイツバーデン・ヴェルテンベルグ州日本代表、国際水素エネルギー協会(IAHE)フェロー・理事・副会長、アジアサイエンスパーク協会(ASPA)名誉会長、(公財)本財団業務執行理事、株式会社 Integral Geometry Science 取締役等

Some of you may look at the current reality and struggle with your research activities, due to constraints on funding or laboratory equipment. In addition, the more you want to solve your own country's problems, the more you may run up against these kinds of barriers. In many countries that have not set up a favorable environment for research, you may conduct basic theoretical research. But, the fact is that this research often does not gibe with the needs of the industrial sector.

していく。その成果が社会に貢献できたとき、何物にも代えがたい喜びを感じます。研究室に閉じこもってはいない研究はできません。真の研究者は、国際人として常に視野を広げていこうとする意識を持ち、実践することが求められます。

目の前の現実に目を向けると、資金や実験器具の制約などによって自らが願うような研究ができないと感ずることもあるかもしれません。まして、母国の抱える社会問題を解決したいと思っている人であればあるほど、その壁に打ちのめされることもあるでしょう。研究環境の整わない多くの国では、理論的な基礎研究はできても、産業界が求めるニーズとうまくかみ合わないことも多いのが現実です。

それでも、社会は常に変化しています。社会が大学などの研究分野に求める成果もまた常に変わっているのです。日々研究に打ち込んでいる皆さんの目には、それぞれの分野が抱える無数の課題が見えているはずですが、それの一つひとつ解決していくことを忘れないでください。

そしてその成果は論文として発表するだけでなく、国際会議などでアピールすることを忘れないでください。国際会議では、自分よりも高いレベルの研究者たちと議論できますし、ともに切磋琢磨できる仲間も見つけることができます。そこから、研究をさらに発展させる新たな発想を得られますし、国際的な共同研究もそうした場所から数多く生まれます。ですから、国際会議などに積極的に参加し

Even so, societies keep changing, and the results that societies demand from research at universities and other institutions also keep changing. Those of you who are involved in research on a daily basis most likely see countless issues contained in your respective fields. Don't forget to keep on solving each one of them.

Don't limit yourself to presenting your results in the form of a written publication. Instead, promote them in such venues as international conferences. At such conferences, you can hold discussions with researchers more advanced than yourself while finding colleagues with whom you can exchange ideas. Those interactions can be the starting point for expanding your research and acquiring new ideas, and such venues have also given rise to numerous international joint research projects. Actively participating in such venues will broaden both your networks and your point of view.

During your six months as the MIF fellows, you lived in Japan and carried out your research in a different culture, so you have already taken the first step in becoming a researcher who can succeed in an international context. Life in Japan must have been different from life in your home country, and you must have had a lot of stimulating experiences. You can expect each of those sensory impressions to become a treasured memory. I hope that you make use of the results of these experiences as you blaze your own path through your work and life.

In the course of your study tour in Japan, you encountered the philosophy of Dr. Shigeyoshi Matsumae, founder of the MIF, and I hope that you always keep it in your heart. As an engineer in the field of telecommunication, Dr. Matsumae was the first in the world to develop non-loaded cable communications systems. In addition, he was dispatched to Hiroshima immediately after it was subjected to the world's first atomic bombing. And the experience of seeing the horrific conditions there led him to the firm conviction that we must find a proper moral basis for our use of science and technology.

Humanity is now facing a rapidly changing world that is becoming more multipolar in the midst of the threat of the novel coronavirus. Viewing these situations one way, we can say that the future is unforeseeable, but things another way, we can say that we have an opportunity to create a new era. Precisely because we are at such a crossroads, I fervently hope that all of you who have encountered Dr. Matsumae's philosophy at the MIF will enjoy great success in your endeavors.

て、ネットワークと自らの視野を広げていってください。

松前国際友好財団を利用して6か月間日本で生活し、異文化の中で研究にいそんだ皆さんは、すでに国際的に活躍できる研究者としての第一歩を踏みだしています。日本での生活では、母国とは勝手が違うこと、刺激的な体験などがたくさんあったのではないのでしょうか。五感を揺さぶられたその経験一つひとつが、今、皆さんの宝になっているはず。その成果をぜひ生かして、自らの道を切り拓いてほしいと願っています。

また、国内研修旅行で触れた本財団の創業者・松前重義博士の思想を常に胸にとどめておいてください。松前博士は電気通信分野の技術者として「無装荷ケーブ

ル通信方式」という世界初の技術を生み出しました。また、世界で初めて原子爆弾が投下された直後の広島に派遣され、その惨状を目の当たりにした経験から、科学技術は正しい思想に基づいて活用しなければならないという強い信念を持っていました。

人類は今、新型コロナウイルスの猛威のさなかに、世界の多極化が進むという急速に変化する世界を目の当たりにしています。見方によっては、先の見通せない時代ともいえますが、一方で新しい時代を作るチャンスだともいえると思います。こんな時代だからこそ、本財団を通して松前博士の思想に触れた皆さんが大いに活躍してくれることを切に願っています。

LETTER FROM PARTNERS (2018 FELLOW)



Dr. Fousséni FOLEGA

【Togo】 Department of Botany, Faculty of Sciences, University of Lomé

I am a researcher based in the Department of Botany, Faculty of Sciences at the University of Lomé (Togo), holding a doctorate in Forest Ecology obtained in 2012 from the Beijing Forestry University (China).

I later enrolled in several post-doctoral programs supported by the Chinese Ministry of Sciences and Technology and was hosted at the China–Africa Science and Technology Partnership Program (CASTEP), The World Academy of Sciences-German Research Foundation (DFG), and the Matsumae International Foundation (MIF). The postdoctoral research dissertation was almost focused on **National wide time series productivity of ecosystems and plant diversity monitoring, about precipitation and temperature trend within the context of climate change in Togo**, and aimed at evaluating the involvement of specific ecosystems contribution to atmospheric carbon sequestration.

CASTEP and TWAS-DFG postdoctoral program has improved and given high value to my candidacy, and I was successfully promoted to Assistant Professor in July 2017. I used the new opportunity given by the Matsumae International Foundation (MIF) through my stay in Kyoto University, Laboratory of Ecosystem Production and Dynamics, to develop a strong network with Japanese scholars on one hand and design the first steps of my next candidacy for Associate Professor Position.

Since September 2021, I have been nominated Associate Professor during the 43rd sessions of the African and Malagasy Council for Higher Education (CAMES). The new position allows me to be a full lecturer in any University in an African French-speaking country. However, I will continue focusing my



持続可能な社会の実現へ

私は、アフリカ・トーゴのロメ大学理学部植物学科を拠点に研究活動しています。2012年に北京林業大学で森林生態学の博士号を取得した後、中国アフリカ科学技術パートナーシッププログラム (CASTEP) や世界科学アカデミー、ドイツ研究振興協会 (TWAS-DFG)、松前国際友好財団 (MIF) のポストドクプログラムに参加しました。博士研究論文では、トーゴ全土における生態系の時系列生産性と植物多様性のモニタリング、気候変動による降水量と気温の傾向に焦点を当て、大気中の炭素隔離に特定の生態系がどのよ

うに関与しているのかを評価することに取り組みました。

CASTEPとTWAS-DFGでの経験が評価され、2017年7月に助教に昇進しました。さらに、MIFの支援によって得られた、京都大学大学院地球環境学堂での研究滞在を通して、日本の学者との強固なネットワークを構築し、更なるキャリアアップ (准教授) の第一歩を踏み出しました。

2021年9月に、アフリカ及びマダガスカル高等教育評議会 (CAMES) の第43回会合で准教授に指名され、フランス語を公用語としているアフリカの国すべてで大学の教壇に立てるようになりました。しかし今後も、自身の研究課題である、熱帯地域の重要な問題となっている景観生態系ダイナミクスについて、電気光学技術を用いて取り組み、気候変動下における生態系と農業生態系の資源の監視とモデリングを行っていきま



research on tropical area key issues in relation to Landscape ecology dynamic with EO tools and technology; Monitoring and modeling of ecosystems and agrosystems resources in the context of CC; As my contribution to SDGs achievement, several services to communities with landscape and EBA approach, which follows GEF and FAO initiatives, will be unconditionally provided.

Being nominated the MIF ambassador in Togo since 2018, I expect the strengthens of the MIF fellows' network via an annual online meeting. I highly hope COVID-19 will be definitively solved, thus could allow the MIF to launch a new call that can give an opportunity to young researchers to get familiar with Japanese culture on the whole.

November 2021, Lomé, TOGO

Dr. FOLEGA is the first fellow of the MIF from Togo in 2018.

す。これまで、SDGsの実現につながる研究を積み重ねてきた結果、地球環境ファシリティと国際連合食糧農業機関が主導する、治山・植林活動への支援と生態系に基づく環境調査のサービスをトーゴ国内の誰もが受けられるようになるめども立ってきました。

2018年からトーゴのMIFアンバサダーに指名されており、年次オンライン会議を通じて奨学者間のネットワークが強化されていくことを期待しています。また、新型コロナウイルス感染症が収束し、松前国際財団のプログラムを通じて、若手研究者が日本文化に親しんでもらうことができるようになることを強く望んでいます。

2021年11月 ロメ・トーゴ

Dr. FOLEGAは、2018年にトーゴ出身者として初めて、本財団の奨学者に選ばれました。

LETTER FROM PARTNERS (CAMEROON FELLOWS)



Prof. Jean Paul DZOYEM (2012)
Prof. Remy Bertrand TEPONNO (2014)
Prof. Maurice Ducret AWOUAFACK (2015)
Prof. Jean-De-Dieu TAMOKOU (2016)
Prof. Beaudelaire Kemvoufo PONOU (2019)

【 Department of Biochemistry/Chemistry, Faculty of Science, University of Dschang 】

We would like to express our gratitude to The Matsumae International Foundation for the Fellowship that enabled us to carry out scientific research in Japan. We learnt more about the use of spectroscopic techniques to characterize and fully identify isolated compounds from natural sources as well as the use of advanced methods for evaluating the pharmacological effects of drug candidates. We had a great time in the laboratories where we enjoyed doing research with other colleagues. In addition to the extraordinary scientific experience gained during this research stage, we were exposed to Japanese food and culture. The other highlight of our trip was the study tour

日本で研究を行う機会をくださった松前国際友好財団に感謝の意を表します。日本では、分光技術を使用して天然源から単離された化合物を特徴づけ、完全に特定する方法と、候補薬の薬理効果を評価するための高度な方法の使用について詳しく学びました。私たちは、研究室で有意義な時間を過ごし、他の同僚と一緒に研究を楽しむことができました。この研究滞在で得られた大変素晴らしい経験に加え、日本の食と文化にも触れました。日本滞在中のもう一つのハイライトは、京都、奈良、広島への研修旅行でした。その最終日、広島を訪れた時は圧倒され、世界の平和と協力に向けて、国境を越えて努力していくことの必要性を理解することもできました。

この旅行は、私たちにとってかけがえのない経験になったと言えます。日本滞在中に開発された科学的手法は、カメルーン

to Kyoto, Nara, and Hiroshima. Since the last day of the tour was overwhelming, as we visited Hiroshima, it also prodded us to appreciate the need for global efforts towards world peace and cooperation.

In general, we can say that the trip has become an invaluable experience for us. The scientific methods developed during our stay in Japan started to be implemented as routine methods in our respective Departments in the Faculty of Science, University of Dschang, Cameroon. The knowledge and skills we gained during this period helped in our profession. Hence, we shared and continue to share our experience and knowledge with colleagues and students in Cameroon and all over the world.

Finally, we would like to express special thanks to our host scientists and to the MIF staff who did everything to make us feel at home throughout the stay.

During our stay in Japan under the financial support of the Matsumae International Foundation, we were supervised by very great scientists, and we learned how to use modern and sophisticated techniques to do high-level research. Consequently, we obtained very important results which are now published in internationally renowned journals. We also learned a lot about the culture and history of Japan, particularly during the study tour. Furthermore, we noticed that our host professors were very hardworking since they were practically the first to arrive at the institutes and the last to leave. Their way of working has inspired us a lot and this is the reason why we are very productive scientifically today. Since the end of our internships, we have had various successes. Some of us have been promoted to the rank of Associate Professor and others will move to this rank by the end of this year if everything goes well. Furthermore, always after our stay in Japan, we have had various prestigious scholarship programs and international awards and distinctions.

Cameroon is the only one of the six Central African countries (Cameroon, Central African Republic, Republic of Congo, Gabon, Equatorial Guinea, Chad) whose researchers have benefited from the MIF with 13 fellows in 2019. Six of them are from the Faculty of Sciences of the University of Dschang. Several researchers and Ph.D. students from neighboring countries are doing their work in Cameroonian universities. The group we are creating is initially made up



Prof. PONOU: Demonstrating the use of Medium Pressure Liquid Chromatography (MPLC) to his PhD students

ン・ジャング大学理学部の各学科で日常的な方法として使われ始めています。この期間に私たちが得た経験や知識とスキルは、教育・研究の現場で役立ち、カメルーン及び世界中の同僚や学生たちと共有し続けています。

受け入れ指導教員の先生方、また、滞在中、私たちが安心して過ごせるようにあらゆる面で支えてくださったMIFの皆様感謝しています。

MIFの支援を受けて日本に滞在している間、私たちは非常に優れた科学者のもと、高度な研究を行うために、現代的で洗練された技術を使用する方法を学びました。その結果、とても重要な結果が得られ、現在、国際的に著名な学術誌に掲載されています。また、研修旅行では、日本の文化や歴史について多くのことを学びました。さらに、私たちの指導教員の先生方は、大変勤勉であることにも気がつきました。実際、最初に研究所に到着し、最後に帰宅していました。そういった先生方の働き方には感化されるものが多くありました。これが、今日私たちが科学的に非常に生産的である理由です。MIFのプログラム修了以来、私たちは、さまざまな成功を収めてきました。中には准教授に昇進した人もいれば、うまくいけば今年末までにさらに上のランクに昇進する人もいます。さらに、日本滞



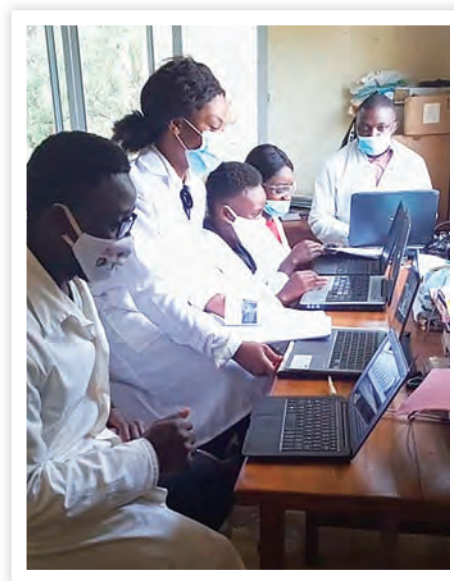
of MIF fellows working at the University of Dschang and will be extended to all universities in Cameroon. The general objective of this group is to popularize the philosophy of Dr. Shigeyoshi MATSUMAE in order to increase the Cameroonian MIF community. To achieve this objective, we intend to organize seminars gathering all young researchers from the University of Dschang and all Cameroonian Universities. During these seminars, we will expose themes such as i-The philosophy of Dr. Shigeyoshi MATSUMAE, ii-How to prepare an application to be submitted to MIF? iii-How to select the Japanese host institution? iv-How to apply to MIF? iv-Japanese culture. Through these activities, we expect to have an increase in the number and quality of the MIF community in the Central African sub-region in general and particularly in Cameroon. This will contribute to the influence of Cameroonian researchers and the universities of Cameroon at national and international levels.

We, the MIF community of the University of Dschang (Cameroon), are expecting in the future to have assistance from MIF to acquire some useful scientific equipment and consumables from Japan in view to improve our research work at home as the Alexander von Humboldt (the prestigious German Research Foundation) community in their home countries. If the MIF could give its approval on such our expectations, we will be happy to formalize the process in an ensuing collaborative protocol between us. This will, therefore, improve our research outputs and strengthen the collaboration between MIF and our MIF community as well as Cameroon and Japan friendship.

November 2021, Dschang, CAMEROON



Prof. TEPONNO: Culturing fungi



Prof. PONOU: Discussing with his PhD students

在後も、さまざまな名誉ある奨学金制度や国際的な賞を受賞し、栄達を重ねてきました。

カメルーンは、中央アフリカの6カ国（カメルーン、中央アフリカ共和国、コンゴ共和国、ガボン、赤道ギニア、チャド）のうち、2019年までに、13人もの研究者がMIFの研究奨励金制度に採択された唯一の国です。そのうち6名はジャング大学理学部の所属です。私たちが立ち上げているグループは、ジャング大学所属のMIFの奨学者で構成されており、今後はカメルーン国内全ての大学に拡大させていくつもりです。このグループの目的は、松前重義博士の思想を普及させ、国内のMIFコミュニティーを拡大することです。そのために、私たちは、ジャング大学と（カメルーン）国内の全大学から若手研究者を集めてセミナーを開催する予定です。このセミナーでは、i-松前重義博士の思想、ii-MIFに提出する申請書の作成方法 iii-日本の受入れ機関の選び方、iv-応募方法、iv-日本の文化などのテーマを公開する予定です。これらの活動を通じて、中央アフリカの地域全般、特にカメルーンでのMIFコミュニティーの数と質の向上が見込まれ、国内外においてカメルーンの研究者和び大学の影響力を高めることとなります。

将来的に、アレクサンダー・フォン・フンボルト財団のように、日本から有用な研究機器や消耗品を取得するために、MIFから支援を受けることを期待しています。もし、期待にお応えいただけるようであれば、喜んで取り決めのプロセスを踏みたいと思います。これにより、研究成果が向上し、MIFとそのコミュニティ間のコラボレーション、また、カメルーンと日本の友好関係が強化されていくことでしょう。

2021年11月 ジャング・カメルーン

Message from Dean

Prof. Dr. Emmanuel NGAMENI

The Faculty of Science, University of Dschang, Cameroon



As a Dean of the Faculty of Science at the University of Dschang (Cameroon), I am very proud to The Matsumae International Foundation Alumni community in our faculty. I have always received good reports on the research stays of our 6 colleagues who had the opportunity to visit Japan and carried out outstanding research investigations with latest facilities in some Japanese universities.

They informed me that, the MIF community of the Faculty of Science at the University of Dschang in Cameroon is the largest community among others all over the world. I therefore take the opportunity to express my gratitude to The Matsumae International Foundation for supporting our researchers in their careers.

The research in our faculty is under the supervision of the Centre of studies, Research and Valorization of Natural Resources and Technologies (*CERVARENT*). This Centre is constituted of about 15 Research Units with their research interests focused on Medicinal plants, Drugs discovery, Pharmacology, Earth Sciences, Mathematics, Computer Sciences, and Technologies.

I am opened to collaborations and would be pleased if a **multidisciplinary research center of excellence in natural resources** (medicinal plants, pharmacology, drugs discovery, etc.) could be created in the Faculty of Science at the University of Dschang in cooperation with The Matsumae International Foundation in view to valorize such a biodiversity.

My Seasons greetings to all the MIF staffs and communities.

ジャンゲ大学理学部の学部長として、本学部に松前国際友好財団の同窓生コミュニティがあることを大変誇らしく思っております。本学部の6名は、日本に滞在し、大学の最新施設で行った研究活動について、いつもすばらしい成果を報告してくれています。

この度、彼らから、本学部のMIFコミュニティは、世界中で最大であるという知らせを受けました。この場をお借りして、本学の研究者のキャリアを支えてくださったMIFに御礼申し上げます。

本学部の研究は、天然資源と技術にかんする研究と高付加価値化を担う研究センターの監督下であり、薬用植物、創薬、薬理学、地球科学、数学、コンピューターサイエンス、テクノロジーを対象とする約15の研究ユニットで構成されています。

MIFと本学部の協力のもと、生物多様性の価値向上を目的に、薬用植物、薬理学、創薬など天然資源にかかわる領域を扱う学際的な研究拠点を設立できれば嬉しく思います。

末筆ながら、皆さまのご健勝とご活躍をお祈り申し上げます。

ジャンゲ大学 理学部

学部長・教授 エマニュエル・ンガメニ

Articles of Fellows

- ① Fellow
- ② Host Professor
- ③ Title of Article

2017 FELLOWS

- ① **Assoc. Prof. Dr. Anuwat Wiratsudakul**
Department of Clinical Sciences and Public Health, Faculty of Veterinary Science, Mahidol University, Nakhon Pathom, Thailand
- ② **Prof. Dr. Satoshi Sekiguchi**
Department of Veterinary Science, Faculty of Agriculture, University of Miyazaki, Miyazaki, Japan
- ③ *The implementation of cattle market closure strategies to mitigate the foot-and-mouth disease epidemics: A contact modeling approach. Research in Veterinary Science 121 (2018) 76-84.*
<https://www.sciencedirect.com/science/article/abs/pii/S0034528818303539?via%3Dihub>

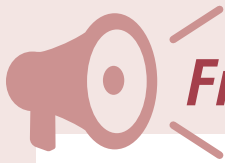
2019 FELLOWS

- ① **Dr. Patrick Akata Nwofe**
Faculty of Science, Department of Industrial Physics, Ebonyi State University, Abakaliki, Nigeria
- ② **Prof. Dr. Mutsumi Sugiyama**
Faculty of Science and Technology, Department of Electrical Engineering, Tokyo University of Science, Noda, Japan
- ③ *Complexing Agent-Dependent Properties of Chemically Deposited Tin Antimony Sulphide Thin Films for Use in Sustainable Energy Devices. Journal of Electronic Materials volume 51, pages 1148–1162 (2022)*
<https://link.springer.com/article/10.1007%2Fs11664-021-09376-8>
- ① **Assoc. Prof. Ts. Dr. Mohd Rosli Mohd Hasan**
Sustainable Asphalt Research Group, School of Civil Engineering, Engineering Campus, Universiti Sains Malaysia, Penang, Malaysia
- ② **Dr. Hiromitsu Nakanishi**
Taiyu Kensetsu Co. Ltd., Nagoya, Japan
- ③ *Study on Wash-out of Asphalt Mixture Caused by Repeated Heating and Cooling Immersion Test. Journal of Materials and Engineering Structures 7 (2020) 633–638.*
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- ③ *Improvements of TPS-Porous Asphalt Using Wax-Based Additives for the Application on Malaysian Expressway. Jurnal Kejuruteraan (Journal of Engineering), Volume 33 (2): May 2021, Universiti Kebangsaan Malaysia, Malaysia.*
<https://www.ukm.my/jkukm/wp-content/uploads/2021/3302/05.pdf>

- ① **Dr. Eltayb Abdellatef**
Commission for Biotechnology and Genetic Engineering, National Center for Research, Khartoum, Sudan
- ② **Prof. Dr. Hisashi Tsujimoto**
Arid Land Research Center, Tottori University, Tottori, Japan
- ③ *Tuning Beforehand: A Foresight on RNA Interference (RNAi) and In Vitro-Derived dsRNAs to Enhance Crop Resilience to Biotic and Abiotic Stresses. Int. J. Mol. Sci. 2021, 22, 7687.*
<https://doi.org/10.3390/ijms22147687>

- ① **Assoc. Prof. Dr. Roza I. Jalmakhanbetova**
L.N. Gumilyov Eurasian National University, Nur-Sultan, Kazakhstan
- ① **Dr. Yerlan M. Suleimen (2009)**
The Laboratory of Engineering Profile of NMR Spectroscopy, Sh. Ualikhanov Kokshetau University, Kokshetau, Kazakhstan
- ② **Prof. Dr. Masayoshi Oyama**
Laboratory of Pharmacognosy, Gifu Pharmaceutical University, Gifu, Japan
- ③ *Isolation and In Silico Anti-COVID-19 Main Protease (Mpro) Activities of Flavonoids and a Sesquiterpene Lactone from Artemisia sublessingiana. Hindawi Journal of Chemistry Volume 2021, Article ID 5547013, 8 pages.*
<https://doi.org/10.1155/2021/5547013>

- ① **Prof. Dr. Beaudelaire K. Ponou**
- ① **Prof. Dr. Rémy B. Teponno (2014)**
Research Unit of Environmental and Applied Chemistry, Department of Chemistry, Faculty of Science, University of Dschang, Dschang, Cameroon
- ② **Prof. Dr. Tomofumi Miyamoto**
Department of Natural Products Chemistry, Graduate School of Pharmaceutical Sciences, Kyushu University, Fukuoka, Japan
- ③ *Manniosides B-F, five new triterpenoid saponins from the leaves of Schefflera mannii (Hook.f.) Harms. Carbohydrate Research 502 (2021) 108279.*
<https://doi.org/10.1016/j.carres.2021.108279>



From The MIF Office 事務局だより

役員改選のお知らせ

2021年6月定時評議員会にて役員改選の承認を受けましたので、ご報告申し上げます。

理事

氏名	現職
理事長	
橋本 敏明	学校法人東海大学理事、東海大学教授
常務理事	
片山 恵一	東海大学名誉教授
理事	
黒田 和一郎	学校法人東海大学常務理事
田村 良明	DIC 社外取締役他
西 義武	東海大学名誉教授
山下 仁大	東京医科歯科大学名誉教授
家森 幸男	武庫川女子大学国際健康開発研究所所長、 京都大学名誉教授、 公益財団法人兵庫県健康財団会長他
吉田 一也	東海大学特任教授

監事

氏名	現職
笠巻 孝嗣	弁護士
木本 雄一	学校法人東海大学名誉顧問

任期:2021年6月～2023年定時評議員会最終時迄
現職は2021年6月時点

Websiteリニューアル

Websiteをリニューアルしました。
The MIF has renewed its website.
<https://www.mif-japan.org>



2023年度研究奨励金制度

本財団ウェブサイトにて募集要項を公開しています。
詳細は以下リンクをご覧ください。

<https://www.mif-japan.org/jp/fellowship/announcement/>
なお、応募期間は日本時間 2022年4月1日～同年6月30日までです。ご応募お待ちしております。

The MIF 2023 Research Fellowship Program

The MIF has officially released its 2023 program.
Please check its website out to get the details.
<https://www.mif-japan.org/en/fellowship/announcement/>
Please note that the application period will be from April 1, 2022, to June 30, 2022 (Japan Standard Time).
The MIF looks forward to your applications!!



Special Thanks

To Prof. Uchida,
Thank you very much for your kind cooperation in the interview. Your message will surely bring back good memories to the MIF fellows and motivate them to continue research activities in their home countries.

To Dr. Folega,
Thank you very much for your contribution. The MIF strongly believes that you will encourage young researchers in Togo to look for research opportunities in Japan under the MIF program.

To Prof. Dzoyem, Prof. Teponno,
Prof. Awouafack, Prof. Tamokou,
and Prof. Ponou,
Thank you very much for all your contributions. Also, it's much appreciated that you keep sharing your experiences in Japan and the philosophy of Dr. Matsumae with your colleagues and students. The MIF hopes that you will lead its community at the University of Dschang and in entire Cameroon.

To Prof. Ngameni
and the Faculty of Science,
the University of Dschang,
Thank you very much for your letter. It is an honor to have received it. The MIF would like to take this opportunity to express its gratitude to your faculty for your interest in the MIF.

To the MIF fellows and host professors,
It's greatly appreciated that you have acknowledged the MIF in your publications. The MIF wishes you further achievements and success in your academic careers.



The Matsumae International Foundation

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THE MIF NEWSLETTER *Bilingual Edition* **No.7**

【 ABOUT THE COVER 】 表紙について

The MIF office covered with snow in January 2022. In the garden, Nandina berries were turning beautiful colors. Nandina is loved by people in Japan as a tree of good fortune.

2022年1月雪で覆われた松前国際友好財団の事務所。庭では南天の実もきれいに色づいていました。南天は、日本で幸運をもたらすものとして人々に愛されています。





جمهوری اسلامی ایران
وزارت امور خارجه

شماره : ۹۶۳/۱۲۷۰۵۴۳
تاریخ : ۱۴۰۱/۰۵/۱۰
زمان : ۱۶:۵۰:۳۵
پیوست : دارد

به نام خدا

جناب آقای دکتر نیکنام

مدیر کل محترم همکاری های بین الملل وزارت بهداشت، درمان و آموزش پزشکی

جناب آقای حدادی اصل

قائم مقام محترم وزیر در امور بین الملل و رئیس مرکز همکاری های علمی و بین المللی وزارت علوم، تحقیقات

و فناوری

جناب آقای قلعه نوی

رئیس محترم مرکز تعاملات بین المللی علم و فناوری معاونت علمی و فناوری ریاست جمهوری

موضوع: بورسیه تحصیلی بنیاد ماتسومائه و بورسیه دانشگاه توتوری ژاپن

با سلام و احترام؛

به آگاهی می رساند بنیاد بین المللی ماتسومائه، همه ساله اقدام به ارائه بورسیه های تحصیلی و همچنین برگزاری تورهای آموزشی برای محققین و دانشجویان خارجی با هدف تقویت دوستی و حسن نیت بین المللی می نماید. این بنیاد در سال ۱۹۷۹ تاسیس شده و تاکنون موفق شده است به ۸۵۴ محقق خارجی از ۱۲۰ کشور منطقه (از جمله ایران ۱۱ نفر، ترکیه ۱۷ نفر، عراق ۹ نفر، اردن ۸ نفر، عمان ۶ نفر و عربستان ۳ نفر) بورسیه تحصیلی برای انجام امور پژوهشی و تحقیقاتی در ژاپن اعطا نماید.

مزید آگاهی بنیاد ماتسومائه سالانه حدود ۱۰ پژوهشگر را با اولویت تحقیق در رشته های علوم طبیعی، مهندسی و پزشکی تحت پوشش خدمات مالی خود (ماهانه حدود ۲۲۰ هزار ین) قرار می دهد. شرایط و جزئیات مربوط به دریافت بورسیه تحصیلی و تکمیل فرم های مربوطه در تارنمای این بنیاد به شرح ذیل قابل دسترسی است. به پیوست یک نسخه از خبرنامه مربوط به ماه مارس ۲۰۲۲ بنیاد یادشده جهت ملاحظه و بهره برداری ضمیمه می باشد .

[/https://www.mif-japan.org/en](https://www.mif-japan.org/en)

همچنین دستورالعمل مربوط به شرایط و نحوه پذیرش دانشجویان خارجی در مقطع دکترای دانشکده تحصیلات تکمیلی علوم کشاورزی دانشگاه توتوری ژاپن به همراه فرم مربوط به ثبت نام ارسال می گردد.

اطلاعات تکمیلی (دستورالعمل پذیرش و فرم ثبت نام) از طریق تارنمای دانشگاه توتوری ژاپن به شرح ذیل نیز قابل دسترسی می باشد.

<http://rendai.muses.tottori-u.ac.jp/english/recruit/index.html>

رضا زیب

دستیار وزیر و مدیر کل آسیا و اقیانوسیه