

Creation of the Practical Science  
Leading Graduate School for Green and Clean Food Production  
Department of Food and Energy Systems Science  
Graduate School of Bio-Applications and Systems Engineering(BASE)

# Leading Graduate School Student Presentations 2016AY



In the morning session, doctoral students of the Leading Graduate School (LGS) will give presentations on their research and their achievements.

In the afternoon session, all students of the LGS and the Department of Food and Energy Systems Science (FESS) will give poster presentations on their comprehensive achievements in the LGS this academic year (2016/17).

Both presentations will be held as LGS/FESS requirement courses: "Practical English Presentation I & II" and "Practical Research Result Presentation I & II".

## ■ DATE&TIME

9:15-16:30, 13th March, 2017

9:15- 9:25 Opening Remarks

9:30-12:30 Oral Presentation (**closed session**)

(6min presentation and 5min Q&A for each student)

13:30-16:30 Poster Presentation (**open to public**)

(one hour each for 3 group sessions)

\*Mixer will be held after all the program

## ■ VENUE

BASE Bldg., Koganei Campus

Lecture Room1 & 2 and Atrium on the 1st Floor of BASE building,  
Tokyo University of Agriculture and Technology

■ **Language** : English

If you would like to attend the event, please

## ■ Contact

BASE Office(LGS/FESS section), TUAT

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東京農工大学  
リーディング大学院プログラム  
/BASE食料エネルギーシステム科学専攻

参加  
歓迎!

無料・事前申込不要

# リーディング大学院 2016年度成果発表会

リーディング科目 「実践的英語プレゼンテーションⅠ・Ⅱ」  
「実践的英語研究成果発表Ⅰ・Ⅱ」

リーディングプログラムにおける1年間の活動について、  
プログラム参加学生全員がポスター発表を行います。  
D1以上の学生は自らの専門分野における今年1年間の  
研究成果について口頭発表も行います。  
ぜひ、お立ち寄りください。

■ 日時：2017年3月13日(月)  
9:15-16:30\*

9:15- 9:25 開会挨拶・ゲスト紹介・注意事項説明  
9:30-12:30 研究発表(D1以上の学生による口頭発表)【関係者限定】  
13:30-16:30 ポスター発表【見学自由】  
\*終了後、懇親会があります

■ 場所：東京農工大学  
小金井キャンパスBASE本館  
講義室1・2、アトリウム

■ 使用言語：英語

■ 問い合わせ先

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# Poster Session Presenters and Presentation Titles

## ポスターセッション発表者・タイトル一覧

D3 Yuko FUJITA	<b>What I had thought about chemical industry</b>
D2 Hayato MIYAZAKI	<b>Drying of Pickering emulsions: effects of size and shape of surface-active particles</b>
D2 Kento KIMURA	<b>Understanding of ion conduction in polymers and development of safer batteries</b>
D2 Isao AHAREN	<b>Gene expression analysis of Meloidogyne incognita response to Purpureocillium lilacinum</b>
D2 Keisuke OGAMI	<b>My footprints in 2016</b>
D2 Emiko MATSUMOTO	<b>Researches of this year and Plans for the future</b>
D2 Hiroki WAKAMATSU	<b>Toward Food Security of UAE</b>
D2 Hideyuki IHARA	<b>Characteristics of novel sulfur oxidizing bacteria isolated from launched marine sediment</b>
D2 Kamrun NAHER	<b>Bacterial Endophytes as Biofertilizers for Sustainable Rice Cultivation System</b>
D2 Kentaro IKEGAMI	<b>Synergistic control of olfactory receptor trafficking to the cell surface membrane in heterologous cells</b>
D2 Riku SAKUTA	<b>Simultaneous Production of Platform Chemicals and Electricity with Enzymatic Biofuel Cells</b>
D2 Akihito MIYAKE	<b>Review of 4th year of Leading Program and Future Plan</b>
D1 Shu KIKUCHI	<b>Research Progress &amp; Study Abroad Report 2017</b>
D1 Zhenguang LI	<b>A polymer blend-based electrolyte develop with biodegradable polycarbonate and special experiences in 2016.</b>
D1 Ko IGARASHI	<b>Regulation of Prostate Cancer Proliferation by Androgen and Vitamin D3</b>
D1 Narumi HIRATA	<b>The effect of antioxidants on osteoclast differentiation</b>
D1 Koichi MATSUOKA	<b>The potential of Purpureocillium lilacinum as a biological control agent against plant-parasitic nematodes</b>
D1 Daisuke TANIGUCHI	<b>Experience and Acquisition in Leading program</b>
D1 Arunee WONGKAEW	<b>Research and LGP Activities in 2016</b>
D1 Daichi KAWAKAMI	<b>Study on Induction of Tolerances to Disease and Salt Stresses in Plant by Aerial Ultrasonic Wave Irradiation</b>
D1 Midori TABARA	<b>The biochemical and bioinformatical analyses of small RNA function</b>
D1 Yuka KOJIMA	<b>Plant biomass conversion system using brown rot fungi</b>
D1 Kazuki SHINODA	<b>Creation of new technology for comprehensive analysis of ecosystem</b>
D1 Masashi ASAKAWA	<b>Make the choice correct</b>
D1 Yasuhito ITO	<b>Progress report of my research and activities during the 3rd year of LGS</b>
D1 Naohisa OKITA	<b>Nanocrystalline lithium transition metal phosphates/carbon nanocomposites for the next-generation energy storage systems</b>
D1 Ko TAKASE	<b>Annual reports of my research</b>
D1 Saaya HAYASAKI	<b>What I learned from studying abroad</b>
D1 Reiko TSUZUKI	<b>Activities in 1st year of doctoral course</b>
D1 Lingyu MENG	<b>Creation of a Recycling Society: Development of Simplified Dry-Thermophilic Anaerobic Digestion (DTAD) Using Pig Urine and Rice Straw</b>
D1 Akihito KIYAMA	<b>the motion of liquids induced by an impulsive force</b>
D1 Yoshiko NANAO	<b>A Challenge to search for New Palladium Oxide Superconductor</b>
M2 Kai INOUE	<b>My achievements during lab rotation program and future prospect</b>
M2 Atsushi OZAKI	<b>Research at University of Yamanashi and TUAT</b>
M2 Makoto KANASUGI	<b>The achievements within two years of PreD and D0 and the prospects for next three years and future career.</b>
M2 Takuma KOZONO	<b>Achievements in 2016 and next challenges to decide my own way</b>
M2 Kazuki KOBAYASHI	<b>Control of soil contamination from the aspects of natural science and policy science</b>
M2 Seiya CHIKAMATSU	<b>Construction of New Resources Recycling System: Environmental Impact and Fertilizer-Effect of Different Anaerobic Digestates on Paddy Field</b>
M2 Ayako MIYAZAKI	<b>My Research Progress and Subsequent Plan</b>
M2 MOHAMMAD MARDANIKORANI	<b>Diagnosis and classification of weeds using aerial imagery analysis</b>
M2 Xiaoyi LI	<b>Exploring the functional receptors of Bt. Toxin Cry2Ab and Cry9Aa</b>
M1 Yasushi IMADA	<b>Step on the way to an entrepreneur</b>
M1 Mayu KASUBUCHI	<b>3 things I learned from the LGS program in 2016</b>
M1 Kihoon KIM	<b>My plan for 5 years and study result of 1st year</b>
M1 Yusho KURAOKA	<b>The first step for my future</b>
M1 Rin TSUZUKI	<b>What I have learned during first year of leading and plan of 5 years</b>
M1 Sanami NUMAI	<b>My Locus of 2016 for Future Steps</b>
M1 Takuma MARUYAMA	<b>What I learned from outside of my laboratory</b>
M1 Sayuri YAMAGAMI	<b>Report of my 1st grade activities and learning in leading graduate school</b>
M1 Ryoma YOSHIMORI	<b>Research report and what I learned in the international training</b>
M1 Yingzi LIU	<b>The Record of My Research Activity &amp; Extracurricular Activity in 1st Year of LGS and Future Plan</b>
M1 Masahisa WATANABE	<b>Progress of my skill and research thanks to 1st year of LGS</b>
M1 TULAGA	<b>The interaction of plant protein phosphoenzyme and phosphatase</b>
M1 FARUQUE MUHAMMAD OMAR	<b>Molecular Basis Analysis of Susceptible Species for Adaptation to Environmental Conditions and Improving Crops Production: Insects, Plants and Microbes</b>
M2 Madoka NAGATA	
M2 Miika HATADA	<b>Development of novel biosensing systems for glycosylated albumin measurement</b>
M2 Inyoung LEE	<b>Development of novel continuous glucose monitoring systems employing direct electron transfer type FAD glucose dehydrogenase</b>
M1 Kazuaki HAKAMADA	<b>Expression and characterization of EXP2 from Plasmodium falciparum</b>
M2 Hanako SEKIMUKAI	<b>Expression and characterization spike proteins of human coronavirus associated with severe pneumonia</b>
M1 Hiroshi ARAI	<b>In the midst of life</b>