BULLETIN OF TOKAI GAKUIN UNIVERSITY No.11 (2017) CONTENTS

Dietary calorie restriction and its effect on anti-aging/life-extension	
—Its background and molecular mechanisms—	
NOZAWA Yoshinori, SUZUKI Noriko and HIRAMITSU Mitsuko	1
Present conditions of childcare services for sick children and their problems ENDO Masako	15
The current and magnetic field distribution generated by direct lightning strikes on buildings	
KIJIMA Hitoshi and HATTORI Tomohiko	27
Evaluation on the learning outcomes of mathematical modelling and	
simulation in a computer science course. SATO Takanori	35
A Basic Study toward University Students' Understanding of Sports for the Disabled	
-Results of a Student Attitude Survey BABA Takanori and NIIMI Naoyuki	41
The influence of mindfulness and attention control on empathy	
TSUCHIHARA Kohei and HASEGAWA Akira	51
Indirect effect of self-disclosure on depression via negative rumination and	
responses of disclosure recipients TSUKAMOTO Ryota and HASEGAWA Akira	63
Effects of a self-praising diary on well-being such as subjective	
feeling of happiness, etc SHIMODA Mayumi and HIRAI Shozaburo	73
On the relationship between college students' emotional control	
and Cloninger's personality theory TOMIOKA Misaki and HIRAI Shozaburo	83
Breakaway from Domestic Violence Facilitated by the Batterer's	
Process of Self-Recognition ······JOSHA Hikari, OHI Shuzo and MIYAMOTO Kunio	95
The human caring process experienced by care practice students	
—Through the relationships with the elderly persons in the nursing home—	
ENDO Sachiko, ARAI Mihoko, MUROTO Syinya and MIWA Sachiko	111

A Study on Practice Methods and Eeducational Effects in Nutrition Education Practice(Part 4)	
-The active learning method in nutrition education programs HIRAMITSU Mitsuko	123
A Methodological Review on 'Dietary Instruction ' in a Practice Course for Nutrition Teachers	
HIRAMITSU Mitsuko	131
A Garbage Can Model of Technological Innovation and Organizational Innovation SHIRAKI Yuka	141
Morphological analysis of sentences in the Japanese language textbooks for sixth-graders in	
Japanese elementary schools OGAWA Taeko and FUJITA Chikako	149
Relationship between subjective well-being and friendship among high school students by grade	
ADACHI Yuko and YAMAZAKI Takeshi	157
Curriculum Management for Competency-based Education in Japanese Elementary Schools	
—The Subjects, "Integrated Study" and "Moral Education," Using Performance Tasks—	
SHIRAYAMA Masumi	165
An inquiry into the compositional process of the national anthem of Japan "Kimigayo"	

-With reference to the contribution of Franz Eckert from Germany- KAMIYA Nobuyoshi 175