

AWARDS & HONORS

International Recognition of Kyoto University's Research

TOPIC

Dr. Kazuhiro Nakamura Awarded the Japan Academy Medal Prize

Dr. Kazuhiro Nakamura, associate professor in the Center for the Promotion of Interdisciplinary Education and Research (C-PiER), was awarded the Japan Academy Medal Prize on 24 February 2015. The Japan Academy Medal Prize is presented annually to a maximum of six promising young researchers in recognition of outstanding research achievements. Dr. Nakamura received the award for his research on the central nervous system that controls the homeostasis of body temperature, including thermoregulation. Dr. Nakamura's work seeking to elucidate the fundamental brain system in maintaining temperature homeostasis has been highly evaluated internationally. He was also awarded the American Physiological Society's highest accolade for young researchers in 2014. The Japan Academy Medal Prize was awarded to Dr. Nakamura in the anticipation that his research will make a major contribution to the progress of medicine to treat diseases such as obesity and psychogenic fever in the future.



Prof. Kazuhiro Nakamura

WEB www.cp.kyoto-u.ac.jp/Nakamura/nakamura-e.html (Dr. Nakamura Lab)

TOPIC

Dr. Wako Asato Receives the Presidential Award in the Philippines



Dr. Wako Asato (right)

Project Based Associate Prof. Wako Asato from the Graduate School of Letters received the 2014 Presidential Award (Kaanib ng Bayan Award) for Filipino Individuals and Organizations Overseas. The award was conferred on Dr. Asato by President Benigno S. Aquino III at a ceremony in Manila on 5 December 2014. The Presidential Awards recognize individuals and organizations that have made exceptional or significant contributions to Philippine reconstruction, progress, or development, or that have significantly helped to advance the cause of overseas Filipinos.

Dr. Asato's activities include working with a non-governmental organization that provides scholarship grants to underprivileged students in rural areas. Also, as part of a program jointly organized by the Kyoto University Asian Studies Unit, he is working in partnership with the Commission on Filipinos Overseas (CFO), a Filipino governmental agency, to provide Japan-bound emigrants with orientation seminars that cover various aspects of living in Japan. One of Dr. Asato's collaborative research projects with the Philippine government, which helped to uncover human trafficking cases in Osaka Prefecture, has been widely reported in the media.

WEB www.gcoe-intimacy.jp/staticpages/index.php/asato_en (Dr. Asato)

TOPIC

Five Kyoto University Researchers Selected for the 11th JSPS Prize

The Japan Society for the Promotion of Science (JSPS) selected five researchers from Kyoto University for the 11th JSPS Prize in 2014. The JSPS Prize is intended to acknowledge and support young researchers who are anticipated to become future academic research leaders and potential Nobel Prize candidates. The prize aims to give the young scholars opportunities to advance their research in the early stages of their career in order to promote breakthrough research in the future. The following researchers received the award:



◆ Awardees

Prof. Sekiguchi Tadashi *Institute of Economic Research*
“A Dynamic Game Theory and Its Application to Economics”

Prof. Igaki Tatsushi *Graduate School of Biostudies*
“Genetic Study for Cell Competition that Regulates Tumorigenesis”

Associate Prof. Nakamura Kazuhiro *Center for the Promotion of Interdisciplinary Education and Research*
“Study of the Neural Mechanism that Controls Thermal Homeostasis”

Associate Prof. Kabasima Kenji *Graduate School of Medicine*
“Study toward the Control and Non-invasive Diagnosis of Atopic Dermatitis via Understanding of Its Mechanism”

Prof. Saito Hirohide *Center for iPS Cell Research and Application*
“Synthetic RNA Design Technologies to Control Cell Fate”

WEB www.jsps.go.jp/english/e-jspss-prize/awards_11th_01.html (11th (FY2014) JSPS PRIZE Awardees)

TOPIC

Profs. Yuji Matsuda and Tsuyoshi Nakaya Receive the Nishina Memorial Prize

Profs. Yuji Matsuda and Tsuyoshi Nakaya of the Graduate School of Science were awarded the 2014 Nishina Memorial Prize by the Nishina Memorial Foundation. Every year since 1955, the Nishina Memorial Prize has been awarded to young physicists for achievements in the field of atomic and sub-atomic physics. Prof. Nakaya shares the prize with Dr. Takashi Kobayashi of the High Energy Accelerator Research Organization (KEK). Prof. Matsuda received the prize for his study titled “The creation of novel electronic states via the two dimensional confinement of heavy fermions,” and the award winning study by Prof. Nakaya and Dr. Kobayashi was titled “Observation of electron neutrino appearance in a muon neutrino beam.”



Prof. Yuji Matsuda



Prof. Tsuyoshi Nakaya

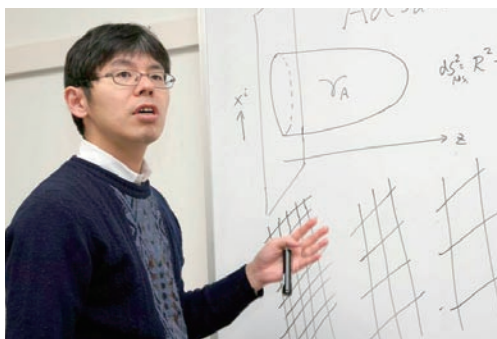
WEB www.nishina-mf.or.jp/NishinaMemorialPrize-E.html (Nishina Memorial Foundation)

WEB kotai2.scphys.kyoto-u.ac.jp/member/matsuda/MatsudaCV.htm (Prof. Matsuda)

WEB kyouindb.iimc.kyoto-u.ac.jp/e/cI4gH (Prof. Nakaya)

TOPIC

Prof. Tadashi Takayanagi Receives the 2015 New Horizons in Physics Prize



Prof. Tadashi Takayanagi

Prof. Tadashi Takayanagi of the Yukawa Institute for Theoretical Physics was awarded the 2015 New Horizons in Physics Prize by the Breakthrough Prize Foundation for his study titled “Fundamental ideas about entropy in quantum field theory and quantum gravity.” The prize is awarded to promising junior researchers who have already produced important work. Prof. Takayanagi shares the prize with Horacio Casini and Marina Huerta, of CONICET and Instituto Balseiro, Universidad Nacional de Cuyo, Argentina, and Shinsei Ryu, of the University of Illinois at Urbana-Champaign.

WEB www2.yukawa.kyoto-u.ac.jp/~tadashi.takayanagi/eindex.html (Prof. Takayanagi)

TOPIC

Prof. Naoko Tosa Awarded the 2014 Good Design Award

Prof. Naoko Tosa of the Academic Center for Computing and Media Studies was awarded the 2014 Good Design Award in the category of “media, application, or digital contents for the public.” Prof. Tosa received the award for her projection mapping installation titled “Sound of Ikebana.” The installation aimed to create a new form of art and design through a high-level integration of traditional Japanese artwork and cutting-edge technology. Shot at 2,000 frames per second using high-speed photography, “Sound of Ikebana” is a series of videos featuring striking images created from sound vibrations using various liquids, such as paints and oils. (For more information on her work, you will find on page 31 of this issue)



Prof. Naoko Tosa



Spring, Summer, Autumn, Winter



Projection mapping “Sound of Ikebana: Four Seasons”

WEB www.g-mark.org/award/describe/41746?token=cMdCoS2zYp&locale=en (Good Design Award)

WEB www.naokotosa.com (Prof. Tosa)

HONORS

Award Winning Researchers in Kyoto University

The following is a list of just some of the Kyoto University researchers who have received international awards — a testimony to the university's intellectually fertile environment and culture of academic freedom.

Nobel Prize *in Physics*

Hideki Yukawa (1949), **Sin-Itiro Tomonaga** (1965),
Makoto Kobayashi (2008), **Toshihide Maskawa** (2008),
Isamu Akasaki* (2014)

*Photo provided by Meijo University

in Chemistry

Kenichi Fukui (1981), **Ryoji Noyori** (2001)

in Physiology or Medicine

Susumu Tonegawa (1987), **Shinya Yamanaka** (2012)

Fields Medal **Heisuke Hironaka** (1970), **Shigefumi Mori** (1990)

Gauss Prize **Kiyosi Itō** (2006)

Lasker Award **Susumu Tonegawa** (1987), **Yasutomi Nishizuka** (1989),
Yoshio Masui (1998), **Shinya Yamanaka** (2009)
Kazutoshi Mori (2014)

Japan Prize **Makoto Nagao*** (2005), **Masatoshi Takeichi*** (2005)

*Photos provided by the Japan Prize Foundation

Kyoto Prize **Yasutomi Nishizuka** (1992), **Chushiro Hayashi*** (1995),
Kiyosi Itō* (1998), **Alan Curtis Kay** (2004),
Isamu Akasaki (2009), **Shinya Yamanaka*** (2010),
Masatoshi Nei* (2013)

*Photos provided by the Inamori Foundation

- Die Schaudinn-Hoffmann-Plakette** ◆ **Shin-ichi Matsumoto** (1965)
- Huxley Memorial Medal** ◆ **Junichiro Itani** (1984)
- Canada Gairdner International Award** ◆ **Susumu Tonegawa** (1983), **Yasutomi Nishizuka** (1988),
Shinya Yamanaka (2009), **Kazutoshi Mori** (2009)
- Order of the White Elephant - 3rd Class** ◆ **Yoneo Ishii** (1987)
- Ross G. Harrison Prize** ◆ **Tokindo S. Okada** (1989)
- Salem Prize** ◆ **Mitsuhiro Shishikura** (1992)
- Robert Koch Prize** ◆ **Shigekazu Nagata** (1995), **Shinya Yamanaka** (2008),
Tasuku Honjo (2012)
- The Keio Medical Science Prize** ◆ **Shigetada Nakanishi** (1996), **Masatoshi Takeichi** (2001),
Koichi Tanaka (2002), **Yoshinori Fujiyoshi** (2005),
Shimon Sakaguchi (2008), **Kenji Kangawa** (2009)
- Frank Nelson Cole Prize** ◆ **Hiraku Nakazima** (2003)
- John Dawson Prize** ◆ **Tetsuya Sato** (2005)
- Yuri Gagarin Medal** ◆ **Hiroshi Matsumoto** (2006)
- Booker Gold Medal** ◆ **Hiroshi Matsumoto** (2008)
- The Ulysses Medal** ◆ **Shuh Narumiya** (2008)
- L.S.B. Leakey Prize** ◆ **Toshisada Nishida** (2008)
- Prix du Rayonnement de la langue et de la littérature françaises** ◆ **Kazuyoshi Yoshikawa** (2010)
- de Gennes Prize** ◆ **Susumu Kitagawa** (2013)
- L'Oréal-UNESCO Awards For Women in Science** ◆ **Tomiko Yonezawa** (2005), **Kayo Inaba** (2014)

