

List of Scientific Lectures, Seminars, Colloquia and Workshops

Scientific Lectures and Seminars Presented at RERF

1 April 2016 –31 March 2017

The following presentations were made during the fiscal year by researchers internal and external to RERF at the Hiroshima Laboratory. They appear in chronological order.

19 April 2016, **Kiyoshi Takahashi**, Assistant Professor, Department of Bioresource and Environmental Sciences Faculty of Life Sciences, Kyoto Sangyo University: “From mutation to evolution: two tales on mutagenesis and regulatory evolution”

21 April 2016, **Osamu Tanabe**, Professor, Department of Integrative Genomics, Tohoku Medical Megabank, Tohoku University: " Multi-omics Study in Tohoku Medical Megabank Project"

26 April 2016, **Theis Lange**, Associate Professor, Section of Biostatistics, University of Copenhagen and Visiting Professor, Center for Statistical Science, Peking University, one-day statistical short course: “Applied Mediation Analysis”

May 13, 2016, **Benjamin C. French**, Associate Senior Scientist, Department of Statistics, RERF, The 297th Hiroshima Statistics Study Group Meeting: “Time-dependent prediction accuracy with continuous marks”

23 June 2016, **Arikuni Uchimura**, Assistant Professor, KOKORO-Biology Group, Graduate School of Frontier Biosciences, Osaka University: “Germline mutations in mice – from mutagenesis mechanism to the effects on future generations”

5 July 201, **Masataka Taguri**, Associate Professor, Department of Biostatistics, Yokohama City University School of Medicine: “Causal mediation analysis with multiple causally non-ordered mediators”

5 July 2016, **Kentaro Sakamaki**, Assistant Professor, Department of Biostatistics, Yokohama City University School of Medicine: “P-values: the past, current, and future”

July 10, 2016, **Wenjie Wang**, Assistant Professor (Special Appointment), Graduate School of Social Sciences, Hiroshima University, The 298th Hiroshima Statistics Study Group Meeting: “Bootstrap and subsampling inference with many weak instruments”

July 15, 2016, **Jiang Hu**, Assistant Professor, School of Mathematics and Statistics, Northeast Normal University, China, The 299th Hiroshima Statistics Study Group Meeting: “Canonical correlation coefficients of high-dimensional vectors”

27 July 2016, **Nobuo Horikoshi**, Assistant Professor, Department of Radiation Oncology, Houston Methodist Research Institute, Weill Cornell Medical College: “Role of localized histone H4 Lysine 16 acetylation on DNA double strand break repair”

September 16, 2016, **Eiji Nakashima**, Research Scientist, Department of Statistics, RERF, The 300th Hiroshima Statistics Study Group Meeting: “Estimating Accelerated Failure Time using Piecewise Exponential Model: Application to LSS All Solid Cancer Mortality Data 1950-2003”

11 October 2016, **John Duncan Mathews**, Honorary Professorial Fellow, Melbourne School of Population and Global Health, The University of Melbourne: “Cancer risks following low-dose radiation from diagnostic medical imaging”

6 November 2016, **William J. Schull**, Former RERF Director: "How the epidemiological research on the effects of atomic radiation was established"

November 25, 2016, **Kosuke Morikawa**, Graduate Student, Graduate School of Engineering Science, Osaka University, The 301st Hiroshima Statistics Study Group Meeting: "Semiparametric Adaptive Estimation With Nonignorable Nonresponse Data"

January 20, 2017, Kyoji Furukawa, Associate Senior Scientist, Department of Statistics, RERF, The 301st Hiroshima Statistics Study Group Meeting: "A semiparametric dose-response model to assess an acceptable exposure level"

27 February 2017, **Tomonori Hoshi**, Project Researcher, Department of Eco-epidemiology, Institute of Tropical Medicine, Nagasaki University: "Applied Examples of Infectious Disease Epidemiology in Africa and Mosquito Ecology Data Handling in Japan"

RERF Colloquia

1 April 2016 – 31 March 2017

Rather than formal seminars, RERF Colloquia are presentations mainly focused on preliminary or ongoing studies, with the aim of obtaining constructive ideas from RERF researchers.

15 April 2016, **Misa Imaizumi**, Senior Scientist, Department of Nagasaki Clinical Studies, "Thyroid Study in AHS"

15 May 2016, **Ritsu Sakata**, Senior Scientist, Department of Epidemiology, **Atsuko Sadakane**, Acting Chief of Pathology Laboratory, Department of Epidemiology, **Mai Utada**, Research Scientist, Department of Epidemiology, "LSS Cancer Incidence Risk, 1958-2009, for Upper Digestive Tract, Liver, and Uterus"

29 July 2016, **Harry M. Cullings**, Chief, Department of Statistics, **Kismet A. Cordova**, Research Scientist, Department of Statistics, "Is there any information about the relative biological effectiveness of neutrons in the LSS cancer data?"

30 September 2016, **Kengo Yoshida**, Research Scientist, Department of Molecular Biosciences, **Munehika Misumi**, Research Scientist, Department of Statistics, "Red Blood Cell Distribution Width (RDW) as a Potential Indicator of Hematopoietic Cell Homeostasis in A-bomb Survivors"

16 December 2016, **Kazunori Kodama**, Chief Scientist, "Research Opportunities and Collaboration with Biosamples and Data Bases - RERF Future Plan –"

Workshops

January 2015 – January 2016

1. Informal Exchange Seminar of RERF Young Scientists with ICRP Members

Date: October 8, 2016

Place: RERF Auditorium, Hiroshima

Guest Presentations (Presentation order):

Werner Rühm, Helmholtz Zentrum München, Germany
“Activity of ICRP Task Group 31”

Nobuhiko Ban, Nuclear Regulation Authority, Japan
“Activity of ICRP Task Group 102”

Mitsuo Kodama, Testimony of a survivor
“An atomic-bomb survivor exposed at an extremely short distance: a history of my life”

RERF Presentations:

Atsuko Sadakane, Acting Laboratory Chief, Laboratory of Pathology, Department of Epidemiology
“Impact of medical radiation exposures on the risk estimate analysis of atomic bomb radiation”

Ritsu Sakata, Senior Scientist, Department of Epidemiology
“Health effects of black rain in Hiroshima and Nagasaki”

Ikuno Takahashi, Associate Senior Scientist, Division of Clinical Laboratories, Department of Clinical Studies
“Heart disease mortality among atomic bomb survivors”

Misa Imaizumi, Division Chief, Division of Radiology, Department of Clinical Studies, Nagasaki Laboratory
“Thyroid nodules among atomic bomb survivors”

Kyoji Furukawa, Associate Senior Scientist, Department of Statistics
“Development of statistical approaches to radiation risk assessment with atomic bomb survivors”

Kanya Hamasaki, Research Scientist, Laboratory of Cytogenetics, Department of Molecular Biosciences
“Fetal irradiation and permanent cytogenetic damage: dependence on developmental stage”

Other Guest Participants:

Jacques Lochard, IRSN, France

Christopher Clement, IRSN, Canada

Haruyuki Ogino, IRSN, Canada

Trent Peerla-Proulx, IRSN, Canada

Gayle Woloschak, Northwestern University, USA

Dominique Laurier, IRSN, France

Ludovic Vaillant, CEPN, France

Roy E. Shore, NYU, USA

Tamara Azizova, Southern Urals Biophysics Institute, Russia

Anna Denisova, Southern Urals Biophysics Institute, Russia

Wei Zhang, PHE, UK

Linda Walsh, Federal Office for Radiation Protection (BfS), Germany

Mark P. Little, National Institutes of Health, USA

Michiaki Kai, Oita University of Nursing and Health Sciences, Japan

Nobuyuki Hamada, CRIEPI, Japan

2. Joint RERF-ICRP Workshop on Health Risk on Radiation and the System of Radiological Protection

Date: October 9, 2016

Place: The University of Tokyo

Guest Presentations (Presentation order)

Werner Rühm, Helmholtz Zentrum Munchen, Germany

“Current ICRP stance on DDREF”

Tamara Azizova, Southern Urals Biophysics Institute, Russia

“Circulatory disease in Mayak workers”

Nobuhiko Ban, Nuclear Regulation Authority, Japan

“Future of radiation protection”

RERF Presentations:

Nori Nakamura, Consultant, Department of Molecular Biosciences

“Hereditary effects of radiation in men and in mice”

Eric Grant, Associate Chief of Research

“Dose response of solid cancer in atomic bomb survivors”

Kotaro Ozasa, Chief, Department of Epidemiology

“Current research on non-cancer diseases in atomic bomb survivors”

Robert Ullrich, Vice Chairman and Chief of Research

“Future of radiation research at RERF”

Guest Participants (Random order):

Christopher Clement, IRSN, Canada

Yoshiya Shimada, NIRS, Japan

Ludovic Vaillant, CEPN, France

Michiaki Kai, Oita University of Nursing and Health Sciences, Japan

Mark P. Little, National Institutes of Health, USA