## 1) Published and in-press reports:

#### <2016 - Current>

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Takahashi I, Shimizu Y, Grant EJ, <u>Cologne JB</u>, Ozasa K, Kodama K. Heart disease mortality in the Life Span Study, 1950-2008. *Radiat Res*.

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<u>Cologne JB</u>, Haruta D, Takahashi I, <u>French B</u>, Nanri A, <u>Misumi M</u>, Sadakane A, <u>Cullings HM</u>, Araki Y, Mizoue T. Residual weight fluctuation and mortality in a Japanese cohort.

<u>French B</u>, <u>Cologne JB</u>, Sakata R, Utada M, Preston DL. Selection of reference groups in cohort studies.

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<u>Misumi M, Furukawa K, Cologne JB, Cullings HM</u>. Simulation-extrapolation for bias correction with exposure uncertainty in radiation risk analysis utilizing grouped-data.

Shimizu M, <u>Misumi M</u>, Yamada M, Ohishi W, Yamamoto H, Kihara Y. Choice reaction time and grip strength as predictors of cardiovascular mortality in middle-aged and elderly Japanese: From the Radiation Effects Research Foundation Adult Health Study.

Tatsukawa Y, <u>Misumi M, Kim YM</u>, Yamada M, Ohishi W, Fujiwara S, Nakanishi S, Yoneda M. Association of body composition with development of diabetes in a Japanese population.

## 2) Meeting Presentations (January 2016 - December 2016):

<u>Cullings HM</u>, Grant EJ. A spatial hierarchical model for Hiroshima TLD measurements, 20th Hiroshima International Symposium, 10-11 January 2016, Hiroshima

<u>Cullings HM</u>. Dosimetry for the Japanese atomic-bomb survivors, 9th European Radiation Dosimetry (EURADOS) Winter School, 08-11 February 2016, Milan, Italy

<u>Landes RD</u>, Haruta D. Radiation effects on atrial fibrillation incidence, 2016 Human Research Program Investigators' Workshop, 08-11 February 2016, Galveston, Texas, USA

Yoshida K, <u>Nakashima E</u>, <u>Misumi M</u>, Kyoizumi S, Ohishi W, Hayashi T, Kusunoki Y. Obesity-associated factors and immune homeostasis among atomic-bomb survivors, 10th AACR-JCA Joint Conference, 16-20 February 2016, Maui, Hawaii, USA

Tatsukawa Y, Misumi M, Kim YM, Yamada M, Takahashi I, Mitsui F, Ohishi W, Yoneda M. Relationship between body composition and development of diabetes in non-obese Japanese subjects, 98th Annual Meeting of the Endocrine Society, 01-04 April 2016, Boston, Massachusetts, USA

Grant EJ, Ozasa K, <u>Cullings HM</u>. DS02R1: Improvements to atomic bomb survivors' input data and implementation of Dosimetry System 2002 (DS02) and resulting changes in estimated doses, 14th International Congress of International Radiation Protection Association (IRPA), 09-13 May 2016, Cape Town, South Africa

Kusunoki Y, Kyoizumi S, Kajimura J, <u>Misumi M</u>, Kubo Y, Yamaoka M, Ohishi W, Yoshida K, Hayashi T, Nakachi K. Effects of atomic-bomb radiation on human immune responses. Report 28: Hematopoietic stem and progenitor cells circulating in A-bomb survivors, 57th Late A-bomb Effects Research Meeting, 05 June 2016, Nagasaki

<u>Cordova KA</u>, <u>Cullings HM</u>. A direct empirical approach to determining the relative biological effectiveness of neutrons among the atomic bomb survivors, Conference of International Society for Environmental Epidemiology and International Society of Exposure Science - Asia Chapter 2016 (ISEE-ISES AC2016), 26-29 June 2016, Sapporo

<u>Nakashima E.</u> Effects of covariate error on parameters and covariates of a linear regression model, Hiroshima University Statistics Group Friday Seminar, 30 June 2016, Higashi-Hiroshima

Morishita Y, Cologne JB, Maki M, Sasaki K, Yoshida K, Hayashi I, Ohishi W, Hida A, Kyoizumi S, Kusunoki Y, Tokunaga K, Nakachi K, Hayashi T. IL18 gene polymorphisms associated with proximal colon cancer risk among atomic bomb survivors, Scientific Meeting for Cancer Prevention 2016 Nagoya, 01-02 July 2016, Nagoya

<u>Cologne JB</u>, <u>Misumi M</u>, Hayashi T. Experiences with genomic analysis: Cryptic relatedness, validation, and SNP sets (pathways), Seminar of Biostatistics Center, Kurume University, 07

# PUBLICATIONS AND MEETING PRESENTATIONS

# **Department of Statistics**

Page 5

July 2016, Kurume

<u>Nakashima E</u>. Effects of additive covariate error on parameters and covariates of a linear regression model, 28th International Biometric Conference, 10-15 July 2016, Victoria, Canada

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Grant EJ, <u>Furukawa K</u>, Sakata R, Sugiyama H, Sadakane A, Takahashi I, Utada M, Shimizu Y, Ozasa K. Risk of death among children of atomic bomb survivors after 62 years of follow-up: A cohort study, 41st Annual Meeting of the Chugoku Area Radiation Research Society, 26 July 2016, Hiroshima

<u>Nakashima E.</u> Regression calibration under generalized additive covariate error model, FY2016 Japanese Joint Statistical Meeting, 04-07 September 2016, Kanazawa

<u>Misumi M.</u> Cancer risk of Japanese atomic bomb survivors: Challenge in radiation epidemiology to investigate radiation carcinogenesis, 26th Annual Meeting of Japan Society for Mathematical Biology, 07-09 September 2016, Fukuoka

<u>French B</u>. Time-dependent prediction accuracy with continuous marks, 15th Kurume International Biostatistics Forum, 30 September 2016, Fukuoka

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Castelletti N, Kaiser JC, <u>Furukawa K</u>, Kuchenhoff H. Mechanistic modelling of radiation and smoking causing lung cancer, Conference on Radiation and Health, 15-17 October 2016, Waikoloa, Hawaii, USA

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#### PUBLICATIONS AND MEETING PRESENTATIONS

# **Department of Statistics**

Page 6

bomb survivors and adjustment for dose uncertainty, Conference on Radiation and Health, 15-17 October 2016, Waikoloa, Hawaii, USA

<u>Furukawa K.</u> A semi-parametric Bayesian model to estimate the acceptable exposure level, Conference on Radiation and Health, 15-17 October 2016, Waikoloa, Hawaii, USA

Grant EJ, Brenner AV, Sugiyama H, Sakata R, Sadakane A, Utada M, Cahoon E, Milder CM, Soda M, <u>Cullings HM</u>, Prentice RL, Mabuchi K, Ozasa K. Solid cancer incidence among the Life Span Study of atomic bomb survivors: 1958-2009, Conference on Radiation and Health, 15-17 October 2016, Waikoloa, Hawaii, USA

<u>Misumi M.</u> Multi-dimensional smoothing for age trends of radiation effects on the cancer risk of Japanese atomic bomb survivors, Conference on Radiation and Health, 15-17 October 2016, Waikoloa, Hawaii, USA

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# PUBLICATIONS AND MEETING PRESENTATIONS

# **Department of Statistics**

Page 7

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Yoshida K, <u>Nakashima E</u>, Kyoizumi S, Hakoda M, Hayashi T, Hida A, Ohishi W, Kusunoki Y. Relationships between lymphocyte subsets and metabolic parameter profiles in atomic-bomb survivors, 59th Annual Meeting of the Japan Radiation Research Society, 26-28 October 2016, Hiroshima