

Lecture Schedule of Human Ecology I, 2009 **REVISED: 090508**

(for Graduate Course)

May 8 (Watanabe)

1. Introduction (Watanabe)

2. Ecology of Nutrition/ Ecology of Diseases

- * Finch CE and Crimmins EM: Inflammatory exposure and historical changes in human life-spans. Science 305, 1736, 2004, Presented by Rachana Manandhar (Department of Community and Global Health)

May 15 (Moji) Special lecture "International Health and Human Ecology"

Kazuhiko Moji (Professor ; Research Institute for Humanity and Nature @ Kyoko)

May 22 (no class – we have School Trip!)

May 29 (Watanabe)

1. Ecology of Nutrition/ Ecology of Diseases (continued)

- * Rogan W and Chen A.: Health risks and benefits of bis(4-chlorophenyl)-1,1,1-trichloroethane (DDT). Lancet 366, 763-73, 2005, Presented by Rachel Amiya (Department of Community and Global Health)

2. Human biology

- * Nepomnaschy et al. Stress and female reproductive function: A study of daily variations in cortisol, gonadotrophins, and gonadal steroids in a rural Mayan population. American Journal of Human Biology 6, 523-32, 2004, Presented by Van Nguyen (Department of medical genome sciences, Graduate School of Frontier Sciences)

June 5 (Umezaki)

1. Ecological anthropology

- * Umezaki, M. and Ohtsuka, R. (2003). Adaptive strategies of Highlands-origin migrant settlers in Port Moresby, Papua New Guinea. Human Ecology, 31: 3-25, Presented by Gwendalyn (Department of Human Ecology)

2. Demography/Health GIS

- * Fukuda, Y. et al. (2005) Variations in societal characteristics of spatial disease clusters: examples of colon, lung and breast cancer in Japan. International Journal of Health Geographics, 4: 16. (Online Journal: <http://www.ij-healthgeographics.com/content/4/1/16>, Presented by Le Nguyen Nhut Tin (Dept. of Developmental Medical Sciences)

June 12 (Umezaki)

1. Demography/Research design

- * Rothman KJ (2002) Chapters 1 and 2 of "Epidemiology: An Introduction, Oxford Univ Press, Presented by Anju Regmi (Department of Community and Global Health)

2. lecture: "The role of human ecology in International Health" (Umezaki)

June 19 (Watanabe) Sustainability, urbanization and health

- * Imhoff ML et al. Global patterns in human consumption of net primary production Nature 429, 870-873, Presented by Sanae Oumi (Department of Human Ecology)
- * Patz JA et al. Impact of regional climate change on human health. Nature 438, 310-317, Presented by Vandana Joshi (Department of Community and Global Health)

June 26 (Watanabe) Environmental risks

- * Berkowitz GS et al. In utero pesticide exposure, maternal paraoxonase activity, and head circumference. Environmental Health Perspectives 112, 388-91, 2003, Presented by Saira Tasmin (Department of Human Ecology)
- * Vahter ME: Interactions between arsenic-induced toxicity and nutrition in early life. Journal of Nutrition 137, 2398-2804, 2007, Presented by Emdad (Department of Community and Global Health)