

Lecture Schedule of Human Ecology I, 2009

(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"
by Professor Moji (Research Institute for Humanity and Nature)

May 29 (Watanabe)

1. Ecology of Nutrition/ Ecology of Diseases
 - * 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. Sustainability, urbanization and health
 - * 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 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. Umezaki, M., Nakamura, K. and Takano, T. (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. The lecture: "The role of human ecology in International Health" (Umezaki)

June 19 (Watanabe)

1. 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)
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 26 (Watanabe)

1. 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)
2. Environmental risks
 - * 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)