The 5\textsuperscript{th} International Conference of Health Behavioral Science

Education on Health and Environment:
Integrated Medicine and Environmental Education

16-21 August 2006
Bangkok, Thailand
Phranakhon Grand View Hotel, Conference Rooms

Organizers
Japan Academy for Health Behavioral Science
International Association of Earth-Environment and Global-Citizen

Co-Organizer
Phranakhon Rajabhat University

Supported by
## PROGRAMME

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<th>Dates</th>
<th>Contents of Conference</th>
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<tr>
<td>Day 1 Wednesday, 16 August</td>
<td>Dong Muang International Airport (Bangkok)</td>
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**Excursion:** Visit to Vihārā & Ayuthaya

- **Day 2 Thursday, 17 August**
  - 7:00: Participant Registration at PHRANAKHON GRAND VIEW Hotel, Phranakhon Rajabhat University
  - 7:30-10:30: Departure to Lopburi from Bangkok at 7:30 am
  - 10:30-12:30: Visit to Vihārā (Wat Phabaat Naampu)
  - 12:30-13:30: Lunch
  - 13:30-15:30: Sightseeing in Ayuthaya
  - 15:30-18:00: Leave for Bangkok – course over by 18:00 pm

**Day 3 Friday, 18 August**

- 8:15-9:30: Participant Registration at PHRANAKHON GRAND VIEW Hotel
- 8:30: Set up displays of poster presentation
- 9:30-10:00: Opening Ceremony
  - Opening Address
    - Dr. Preang KITRATPORN, President, Phranakhon Rajabhat University, THAILAND
    - Prof. Dr. Tsunetsugu MUNAKATA, President, the 5th International Conference of Health Behavior Science, JAPAN / Executive, International Sociological Association
  - 10:00-12:00: Keynote Speech I
    - Dr. Kazuhiko ATSUMI, President, Japanese Society for Integrative Medicine / Professor Emeritus, Tokyo University, JAPAN
    - “New Paradigm, Integrative Medicine: Towards Future Health Care System”
    - Keynote Speech II
      - Dr. Nancy TURNER, University of Victoria, CANADA
      - “Keeping Healthy: Traditional Medicine, Health and Well-being for Canadian First Nations”
  - 12:00-13:30: Lunch
  - 13:30-15:30: Oral and Poster Presentations
    - Forum A-1: Health Behavioral Science Session – Oral Presentation
    - Forum B-1: Environmental Education Session – Oral Presentation
    - Forum B-2: Environmental Education Session – Student Meeting
    - Poster Presentations
  - 15:30-16:30: Tea Break
  - 16:30-17:30: Oral Presentations - continued
  - 18:00-20:00: Welcome Party (Thai Traditional House)

**Day 4 Saturday, 19 August**

- 9:00-10:00: Participant Registration at PHRANAKHON GRAND VIEW Hotel
- 10:00-12:00: Keynote Speech III
  - Prof. Dr. Tsunetsugu MUNAKATA, University of Tsukuba, JAPAN
  - “Dependence and Autonomy in Integrative Health: Schema for Behavior Change”
  - Keynote Speech IV
    - Prof. Fumiaki TANIGUCHI, Konan University, JAPAN
    - “Perspective of Ethics and Educations Focusing on Life and...
12:00-13:30  Lunch

13:30-16:00  **Symposium**  

**Education on Health and Environment: Regarding Integrative Medicine and Comprehensive Environmental Education**

Coordinator:
- Prof. Kazuhiko FUJISAKI, Gifu University, JAPAN
- Prof. Laddawan KANHASUWAN, Environmental Education Center specialists, Phranakhon Rahabhat University, THAILAND

Panelists:
- Prof. Kazuhiko ATSUMI, Director, Japanese Association of Alternative, Complementary, Traditional Medicine, JAPAN  
  “International Promotion on Integrative Medicine and Comprehensive Studies of CAM”
- Dr. Shokichi TANI, Director, Komatsu Hospital, JAPAN  
  “Medicine of Environment and Bioethics”
- Prof. Naoyasu MOTOMURA, Osaka University of Education, JAPAN  
  “School Crisis Intervention in Japan”
- Dr. Nancy TURNER, University of Victoria, CANADA  
  “Reconnecting Youth to Traditional Knowledge for Health and Well-being: Examples from British Columbia”
- Prof. Siriwat SOONDAROTOK, Director, Environmental Education Center, Phranakhon Rajabhat University, THAILAND  
  “Environmental Education Focusing on Sustainable Agriculture and Traditional Culture”
- Prof. Manoj L. Shresta, Konan University, NEPAL  
  “Intellectual Property Rights and Traditional Knowledge by Natives: Think Intellectual Information on Genetic Resources and Traditional Knowledge”

16:00-16:30  Tea Break

16:30-18:30  **Satellite Symposium I**

**Forum A-1: Practical Study on Behavioral Modification**

Coordinator: Prof. Ben YANAI, Kansai University of Welfare Sciences, JAPAN
- Prof. Michiyo OKA, Gunma University, JAPAN  
  “Behavioral Modification in Chronic Illness Patients”
- Dr. Sayuri HASHIMOTO, University of Tsukuba, JAPAN  
  “Internet Based Remote Counseling to Support Physical Exercise Behavior in Elderly People”
- Prof. Mitsuki NIREGI, Rissho University, JAPAN  
  “The Modification of Health–Related Quality of Life in Hospitals by Using Narrative Analysis”
- Prof. Yuko TAKAHASHI, Nara Women’s University, JAPAN  
  “Participation in Marathon of Tobacco Abstinence”

**Forum B-1: Common Materials for Environmental Education in the Asia-Pacific Region: Establishing International Guidelines for Environmental Education (II)**

Coordinator: Prof. Azizan BAHARUDDIN, University of Malaya, MALAYSIA
- Prof. Jariya BOONJAWAT, Chulalongkorn University, THAILAND
- Prof. Siriwat SOONDAROTOK, Director of Environmental Education
Center, Phranakhon Rajabhat University, THAILAND

• Prof. Manoj L. SHRESTA, Konan University, NEPAL
• Prof. Nancy J. TURNER, University of Victoria, CANADA

“Environmental Education Materials: Some examples from British Columbia, Canada”

**Day 5**

**Sunday, 20 August**

9:00-10:00 Participant Registration at PHRANAKHON GRAND VIEW Hotel

**Satellite Symposium II**

**Forum A-2: Health Promotion and Developing Participation of the General Public**

Coordinator: Prof. Tadaharu NAKAO, Yamanashi Gakuin University, JAPAN

• Prof. Kazuhioko FUJISAKI, Gifu University, JAPAN

“Planning Health Promotion Programs with Resident Participation”

• Dr. Eiko KOBORI, Kyoto University, JAPAN

“HIV Risk Behaviors among Ethnic Minorities in Northern Thailand”

• Mr. Kreangkrai CHAIMAUNGDEE, The Life Skills Development Foundation, THAILAND

“Advocacy and Health Behavior through Participation of the General Public”

**Forum B-2: How to Introduce Environmental Education in National Government Parks: Demonstration of Environmental Education Using On-line TV-net Meeting System between Japan and Thailand**

Coordinator: Prof. Fumiaki TANIGUCHI, Konan University, JAPAN

Panelists:

• Mr. Shuji SUZUKI, Director, Akashi Kaikyo National Government Park, Ministry of Land, Infrastructure & Transport, JAPAN

• Prof. Laddawan KANHASUWAN, Environmental Education Center specialists, Phranakhon Rajabhat University, THAILAND

• Dr. Chinatat NAGASHINHA, Phranakhon Rajabhat University, THAILAND

12:30 Displays of posters taken down
12:00-13:30 Lunch
13:30-15:00 Workshops

Workshop A: (Health Behavioral Science) Folk Medicine and Massage in Thailand

Workshop B: (Environmental Education) Activities of Environmental Education for Development of Nature Trail: How to Improve Handbooks for Teachers and Students

15:00-15:30 Tea Break
15:30-17:00 Workshops
17:30-19:30 **Farewell Party** (Thai Traditional House)

**Day 6**

**Monday, 21 August**

7:00-17:00 Optional Tour Sightseeing in Bangkok

21:00pm Dong Muang International Airport

**Excursion**

1 Date Thursday, 17 August, 7:30am-18:00 pm

2 Outline Tour a Vihāra (Wat Phabaat Naampu), a Buddhist hospital which cares for terminally ill patients such as those infected with HIV in Lopburi. This is an opportunity to observe an integration of health and spiritual care.

3 Course Fee JPY5000

**Satellite Symposium**
Forum A-1  Practical Study on Behavioral Modification
No one plans on becoming sick and being forced to view life from a patient’s standpoint. But it happens every day to seemingly normal people when suddenly their bodies betray them. Such rapid onset results in many patients having a lot of difficulty fully comprehending their situation. This can potentially put them at odds with medical staff whose objective treatment goals may be out of the range of understanding for many patients. This creates the main gap between the patient’s perspective and the staff’s intentions. In reality, chronic illness patients (particularly the elderly) need to aggressively tackle the problems surrounding their quality of life and take a pro-active approach to diet and exercise. In this symposium, we will report on practical cases of behavioral modification using lifestyle changes which elderly and chronic illness patients used to make the effort of re-claiming their health.

Keywords: Behavioral Modification/Medical Behavior of Health/Health Promotion/Elderly Persons/Chronic Illness Patients, tobacco abstinence

Forum A-2  Health Promotion and Developing Participation of the General Public
"Health Promotion and Developing Participation of the General Public" can be seen as one of the most remarkable health and medical practices in recent years. Rather than the traditional perspective of patients as simply the recipients of health and medical services, these practices serve to integrate the patients within the framework of health services not only as consumers but as active participants. Such practices will allow providers to give customized health and medical services to its consumers/citizens based on the needs of both parties. We would like to discuss "Health Promotion" as well as how "Developing Participation of the General Public” promotes therapeutic and preventative effects. To discuss this theme, we provide a range of topics such as "Smoking Abstinence,” "HIV/AIDS,” and "Health Planning.” Furthermore, to make this discussion more active and profound, we have organized a panel of scholars, researchers, and NGO members from Thailand and Japan.

Keywords: participation of General Public, advocacy, health behavior, health promotion, minorities, HIV/AIDS, boosting development in village, health planning

Forum B-1  Common Materials for Environmental Education in the Asia-Pacific Region: Establishing International Guidelines for Environmental Education (II)
The fundamental objectives of the Asia-Pacific Network for Global Change Research (APN) project of Guidelines for Environmental Education Focusing on Environmental Ethics and Human Dimension of Global Change cooperated between Konan University, Japan and University of Malaya, Malaysia are: (1) To make full use of participating countries’ experience & knowledge of global change research to formulate guidelines for environmental education & sustainable development. (2) To fill the existing gaps among teachers & other stakeholders involved, such as global change experts, decision-makers, etc., by developing methods/modules for environmental education that can be used as a basis for countries in Asia.

Keywords: Common Terms and Materials/Standardization/Guidelines/Networking/Asia-Pacific Region

Forum B-2  How to Introduce Environmental Education in National Government Parks: Demonstration of Environmental Education Using On-line TV-net Meeting System between Japan and Thailand
The objective of environmental education is to foster a warm-minded young generation who would be ready to participate in activities for environmental issues. In this symposium we will connect Aina National Government Park in Japan with Phranakhon Rajabhat University in Thailand to discuss about how to introduce Environmental Education Programme in National Parks using the on-line TV-net meeting system.

Keywords: Mind Environment/Essence of Education/National Government Park/e-Learning

*Workshop*

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<th>Workshop</th>
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<tr>
<td>A</td>
<td>(Health Behavioral Science) Folk Medicine and Massage in Thailand</td>
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<tr>
<td>B</td>
<td>(Environmental Education) Activities of Environmental Education for Development of Nature Trail: How to Improve Handbooks for Teachers and Students</td>
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*Optional Tour*

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<tr>
<th>Date</th>
<th>Outline</th>
<th>Course Fee</th>
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<tr>
<td>Monday, 21 August, 7:00am-17:00 pm</td>
<td>Gland Palace and Emerald Buddha Temple (Wat Phra Kaew) Tour</td>
<td>JPY5000</td>
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Oral and Poster Presentations

Oral Presentations

**Forum A-1: Health Behavioral Science Session**

**Chair** Tsunetsugu MUNAKATA

**13:30-14:00**

A1-1: Eating Behavior, Psychological Characteristics and Weight Gain in Obese Women  
Maki OBATA¹  Kamiko YAMAZAKI²  Tohko TAKAYASU³  Setsuko YAMAGUCHI³  Crystal LIN⁴  
¹ Graduate School of Human Sciences, Waseda University  ² Faculty of Human Sciences, Waseda University  
³ Institute of Physical Fitness Sports Medicine and Rehabilitation, Aichi Medical University

**14:00-14:30**

A1-2: The Relationship within a Family, Spouses, and Siblings in Type A Behavior Pattern: in Specific to Japanese University Students  
Crystal LIN⁴  Kamiko YAMAZAKI⁴  Makiko HASHIMOTO⁴  
¹ Graduate School of Human Sciences, Waseda University  ² Faculty of Human Sciences, Waseda University

**Chair** Tadaharu NAKAO

**14:30-15:00**

A1-3: Education and Health in Thailand  
Poramsuk HUNNIRUN  
Srinakharinwirot University

**15:00-15:30**

A1-4: Self-Help Groups’ Websites in Japan  
Nobuko AKIMOTO  
Japan Advanced Institute of Science and Technology

**15:30-16:30**

Tea Break

**Chair** Shokichi TANI

**16:30-17:00**

A1-5: Structural Equation Modeling with Psychosomatic or Psychosocial Sufferings of Asthma Adults  
Kaoru FUJISAKI¹  Kazuhiko FUJISAKI²  
¹ Graduate School of Medicine, Osaka University  ² Gifu University

**17:00-17:30**

Miyuki MATSUBARA  
Faculty of Nursing, Kure University

**Forum A-2: Health Behavioral Science Session**

**Chair** Kazuhiko FUJISAKI

**13:30-14:00**

A2-1: Case reports of Chiropractic: What is Chiropractic?  
Katsuko MIZUSAWA  
Education and Research Center for Sport and Health Science, Konan University

**14:00-14:30**

A2-2: Development and Effects of the Health Promotion Program Applying Gaming Simulation Technique  
Etsuyo NISHIGAKI  
School of Medicine, Wakayama Medical University, Graduate School of Cultural Studies and Human Science, Kobe University

**Chair** Akira NAKAGAWA

**14:30-15:00**

A2-3: Analysis of Exchange between a Student and her Teacher  
Ayumi FUJINO  
Aichi Prefectural College of Nursing & Health

**15:00-15:30**

A2-4: The Relationships between Japanese Workers’ Social Skill, Perceived Emotional Support, Self-Image and Mental Health  
Noriko HIGUCHI¹  Sayuri HASHIMOTO¹  Hirohiko HIGUCHI²  Tsunetsugu MUNAKATA¹  
¹ Graduate School of Comprehensive Human Sciences, University of Tsukuba  ² Higuchi Eye Clinic
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<tr>
<td>13:30-14:00</td>
<td><strong>Forum B-1: Environmental Education Session</strong></td>
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<td>Chair</td>
<td>Chinatat NAGASHINHA</td>
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<td>Co-chair: Nancy J. TURNER</td>
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<td>13:30-14:00</td>
<td><strong>B1-1: A Fundamental Study on Sustainability regarding Land Health and Human Well-beings</strong></td>
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<td>Riwa WATANABE</td>
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<td>Osaka Institute of Technology</td>
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<td>14:00-14:30</td>
<td><strong>B1-2: A Report of Practical Activities for Environmental Education at Environmental Education Center, Phranakhon Rajabhat University</strong></td>
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<td><strong>B1-3: A Study of the Cross-curricular Environmental Education Based on Comparative Culture between New Zealand and Japan</strong></td>
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<td>Eri WATANABE</td>
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<td>Gifu Prefectural Nakatsu Commercial High School</td>
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<td>15:00-15:30</td>
<td><strong>B1-4: Current State of Dioxins Issue in Japan</strong></td>
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<td>Sakingo IMAI</td>
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<td>Faculty of Human Environmental Studies, Hiroshima Shudo University</td>
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<td>16:30-17:00</td>
<td><strong>B1-5: A Study of Environmental Education Programme on No-Tillage Rice Farming</strong></td>
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<td>Masao AMANO</td>
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<td>Konan Hospital College of Nursing</td>
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<td><strong>B1-6: Environmental Learning Practice based on a Kaleidoscope Model and Activities in Thailand</strong></td>
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<td>Kiyoishi NAKAGOME</td>
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<td>Institute of Natural and Cultural History</td>
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<td>Takao NAKAGOME</td>
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<td>13:30-14:00</td>
<td><strong>Forum B-2: Environmental Education Session</strong></td>
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<td>Chair</td>
<td>Manoj L. SHRESTA</td>
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<td>Co-chair: Sakingo IMAI</td>
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<td>13:30-14:00</td>
<td><strong>B2-1: How to Improve Environmental Condition of Eco-town</strong></td>
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<td>Phranakhon Rajabhat University</td>
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<td><strong>B2-2: Environmental Education in Japanese Companies</strong></td>
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<td>Yoshitake ISHIGAMI</td>
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<td>Osaka University of Commerce</td>
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<td>14:30-15:00</td>
<td><strong>B2-3: Intellectual Property Rights and Traditional Knowledge</strong></td>
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<td>Manoj L. Shresta</td>
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<td>15:00-15:30</td>
<td>Tea Break</td>
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<td>Chair</td>
<td>Siriwat SOONDAROTOK</td>
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<td>Co-chair: Chintatat NAGASHINHA</td>
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<td>Co-chair: Fumiaki TANIGUCHI</td>
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**A2-5: Quitting Smoking with the Aid of Nicotine Patches (2nd Report): Intermittent Use over a One Year Period**

Maniko KUROTANI¹  Miyo NAKADE²
¹Aichi Gakusen University  ²Aichi Gakusen College
16:30-17:00  B2-5: Student Meeting
A Report of Activities for Environmental Education at Environmental Education Center, Phranakhon Rajabhat University
Graduate Students, Phranakhon Rajabhat University

17:00-17:30  Toward Realization of Sound Material Cycle at the Campus in Konan University
Shin SHIMIZU  Takeyosi IWASA  Erina USUI  Mamiko KAMAE  Mami MAEGAWA

Poster Presentations

P-1  Investigate the Actual Situation of Integrative Medicine in Japan
Yoshihiro INADA
Waseda University

P-2  The Characteristics of the Spousal Obligation to Care for One Another
Yuko HARASA WA1  Katsuhide KAWAMOTO2  Eri IIJIMA3  Masashi SAI TO4  Yuko KURAMOCHI
Masami HASEBE5
1 Aichi Prefectural College of Nursing & Health  2 Saitama University  3 National Women’s Education
Center  4 Doctoral Program in Sociology, Sophia University  5 Graduate School of Education (Master’s
Program), Saitama University

P-3  Community-Based Health Care for Menopausal Women: A Comparison of Needs in Rural
Community and in Urban Community
Akiko SHIMA1  Sumiko TAKANAMI1  Mariko KAWA HARA D A1
1 Department of Health Science, School of Medicine, Hokkaido University

P-4  The Relationship between the Narcissistic Personality Tendency and Perfectionism in Japanese
University Students
Kumiko YAMAZAKI1  Crystal LIN2
1 Faculty of Human Sciences, Waseda University  2 Graduate School of Human Sciences, Waseda University

P-5  A Study of the Factors Affecting the End-of-Life Care by Care Workers in Nursing Home
Eiko CHIKAMORI1  Kyoko ISHI 1  Maki YOKO2  Kazuko NOMURA3
1 Osaka City University School of Nursing  2 Nihon Fukushi University  3 Junior College of Osaka
University of Health and Sports

P-6  The Characteristics of the Process to Acquire the Skill of Endotracheal Suctioning in Expert Nurses:
Narrative of Clinical Engineers of Respiratory Therapy
Yumi YASUM OR I 1  Akiko NAKAOKA1  Yuko MAEDA2
1 Hirosaki University  2 Osaka City University

P-7  Association of Workload Perception with Acute Stress Reactions and Job Stressors
Mariko KAWA HARADA1  Akiko SHIMA1  Izumi UEDA1
1 Hokkaido University

P-8  Awareness of Nurse Students on “Relaxation and Touch”: Concerning “Touch Oneself”
Yumiko YAMASAKI1  Tsuyako SATO2
1 Sonoda Women’s University  2 Yamanashi University

Executive Committee
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