

**Division of Informatics**  
**Department of Integrated Human Sciences**

**Outline**

The specialty is concerned with methods of e-learning, involving the development of learning management system (LMS) and learning support system. We have developed ICT educational support systems for visualizing the educational effects of active learning. In this study, we applied ICT systems to practical training in pharmacology, which is a form of active learning and is the culmination of a 6-year curriculum of pharmaceutical education.

**Faculty members**

Professor: Hiroyuki Nihei, Ph.D.

**Main research in progress**

Practice of Interdisciplinary Collaborative Learning in the General Education Curriculum

**Current publications**

1. Japan Universities Association for Computer Education, Encouraging Prize 2016
2. SankeiBiz e-Learning Awards 2014, Learning Log Award
3. H. Nihei, A. Nakayama, K. Wada, K. Oda, and K. Tadano, "Visualization of Educational Effects of Active Learning and Activities of Learning Improvement," *Journal of the educational application of information and communication technologies*, vol. 17. No. 1, pp. 37–42, 2014
4. Japan Universities Association for Computer Education, Encouraging Prize 2013
5. H. Nihei, T. Saito, K. Wada, K. Oda, A. Nakayama, K. Tadano, and I. Chiba, "Educational Assessment and Self-directed Learning. Web Systems for Supporting Dental Education," *Journal of the educational application of information and communication technologies*, vol. 16. No. 1, pp. 7–12, 2013
6. Japan Universities Association for Computer Education, Encouraging Prize 2012
7. H. Nihei, K. Wada, K. Oda, A. Nakayama, K. Tadano, and I. Chiba, "Learning System Powered by Interdisciplinary Force and Securement of Self-directed Learning," *Journal of the educational application of information and communication technologies*, vol. 15. No. 1, pp. 7–12, 2012