**Tentative special lectures**

Lecturer: Suzanne Bakken, PhD, RN, FAAN, FACMI, FIAHSI,

Alumni Professor of Nursing and Professor of Biomedical Informatics

Subject: 641-981 Thesis and 641-991 Thesis

Doctor of Philosophy Program in Nursing Science (International Program)

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| Date and time | Main contents |
| 8/16,  18.00 – 21.00 hours | Session 1 – Introduction to Data Science and It’s Role in Advancing Nursing Science.  This session will also include content related to data and information visualization from National Institutes of Health-funded studies. |
| 8/23,  19.00 – 21.00 hours | Session 2 – Extracting Nursing Data and Information from Home Care Nursing Notes Through Natural Language Processing.  This session will include a demonstration of the open source software, NimbleMiner, from its developer and illustrate its use in multiple funded studies. |
| 8/24.  19.00 – 21.00 hours | Session 3 – Harnassing Clinical Nursing Data for Predictive Analytics and Decision Support in the Hospital Setting.  This session will include information from the ongoing multi-site clinical trial of the CONCERN decision support system that is funded by the National Institute of Nursing Research |